

Streamline 6000LED Mini Indirect Ceiling Wash INTERIOR/EXTERIOR

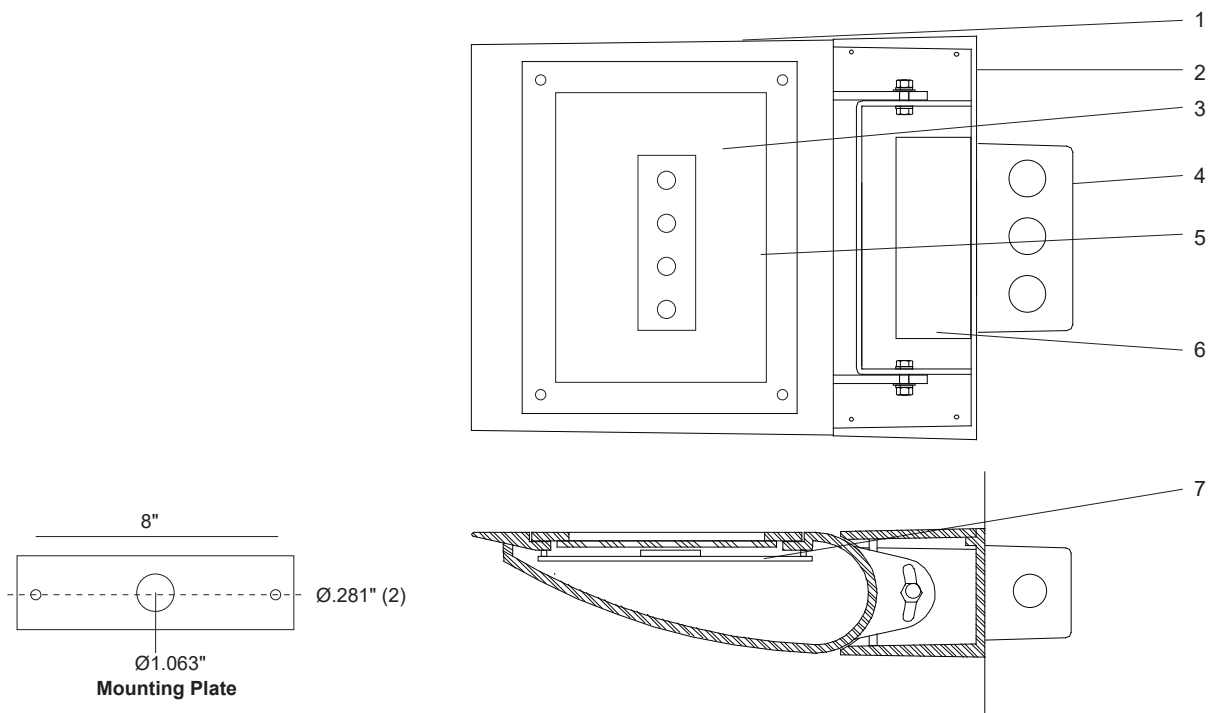
MODEL	WATTS	COLOR TEMPERATURE	VOLT	OPTIONS	COLOR
6000	32L 1 x 32 watts 2500 lumens ¹	3K 3000K	120*	WL wet location	WT white texture
		35K 3500K	208	CV cut off visor for downward tilt	BT black texture
		4K 4000K	240	DIM dimming driver 0 - 10V control	SM silver metallic
		5K 5000K	277	DF micro-diffusion film	AN aluminum natural
					BZ bronze
					GM gunmetal
					WS white satin
					BM black matte
					RAL specify no.

*Standard configuration unless otherwise specified ¹Delivered lumens (4000K)

SAMPLE CATALOG NUMBER: 6000 - 32L - 4K - 120 - WT

Using this catalog number would order 1 model 6000 mini indirect ceiling wash luminaire with a 32 watt, 4000K light engine wired to 120 volts, painted white texture polyester powder coat.

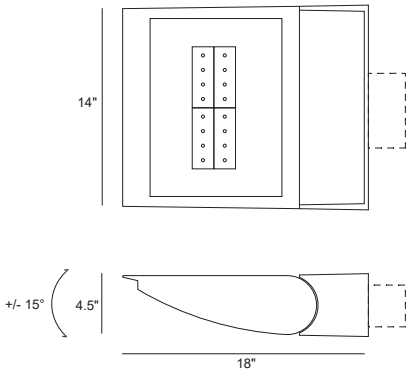
CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>Adjustable lamp housing: Cast aluminum. Driver enclosure: Cast aluminum with top cover plate. Lens: Solite, tempered glass in captive frame.</p> <p>Electrical Components</p> <p>Light engine: Aluminum core PCB each with 4 LEDs and Ledil Strata - SQ optics.</p> <p>Driver: High efficiency, <20% THD, >90% PF</p>	<p>The 6000LED series is designed for wall mounting over a recessed FS junction box which is located parallel to the luminaire back on the center line. The luminaire mounting plate is secured to the mounting surface outside of the FS box location and the luminaire is hooked on the plate and secured with set screws on the bottom. The supply wires are connected to the luminaire leads and contained in the FS box cavity.</p> <p>Maximum fixture weight 11 lbs.</p>	<p>The 6000LED optical system is optimized to provide an asymmetric indirect distribution. Head is adjustable (+/- 15°) to customize aiming upon installation, if required.</p>	<p>The 6000LED is normally provided for indoor dry or damp locations to UL and CSA standards but, if ordered, can be made suitable for wet locations to UL and CSA standards. (LOC 4 > 4 FEET)</p> <p>All units have a protective tempered glass cover and are completely gasketed to exclude any contaminants.</p> <p>LEDs are rated for 50,000 hour life with lumen maintenance > 70% (L70).</p>



Streamline Indirect 6000LED

Detailed Product Description

- | | | | |
|---|--|---|---|
| 1 | Adjustable Housing (+/-15°) - Cast Aluminum | 5 | Glass - Solite, Tempered 5/32" Thick in Captive Frame |
| 2 | Driver Enclosure - Cast Aluminum with Top Cover Plate | 6 | Driver, High Efficiency <20% THD, >90% PF |
| 3 | Light Engine, 4 x LEDs with Optics | 7 | Heatsink Plate |
| 4 | FS Box 2" x 4" Rectangle (By Others)
Mount Horizontally | | |



Streamline 6001LED

Midi Indirect Wall Mount

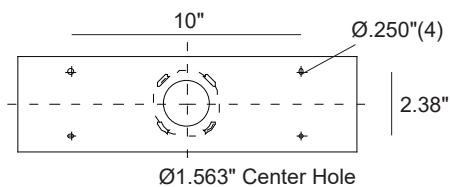
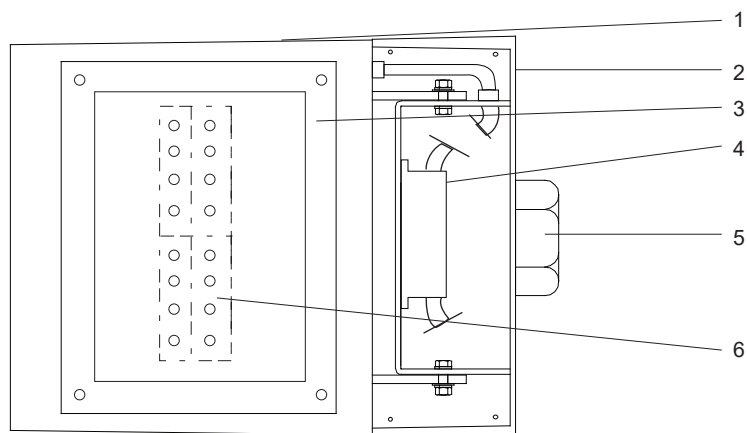
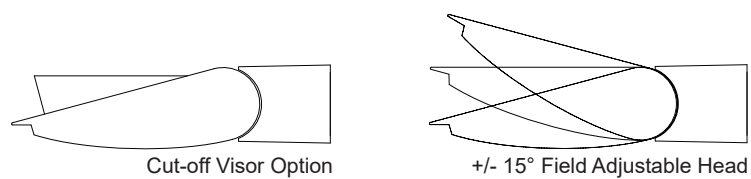
INTERIOR/EXTERIOR

MODEL	WATTS	COLOR TEMPERATURE	VOLT	OPTIONS	COLOR
6001	134L <i>1 x 134 watts 10500 lumens¹</i>	3K <i>3000K</i>	120*	WL <i>wet location</i>	WT <i>white texture</i>
		35K <i>3500K</i>	208	CV <i>cut off visor for downward tilt</i>	BT <i>black texture</i>
	101L <i>1 x 101 watts 7900 lumens¹</i>	4K <i>4000K</i>	240	DIM <i>dimming driver 0 - 10V control</i>	SM <i>silver metallic</i>
		5K <i>5000K</i>	277	NAT <i>natatorium construction</i>	AN <i>aluminum natural</i>
					BZ <i>bronze</i>
					GM <i>gunmetal</i>
					WS <i>white satin</i>
					BM <i>black matte</i>
					RAL <i>specify no.</i>

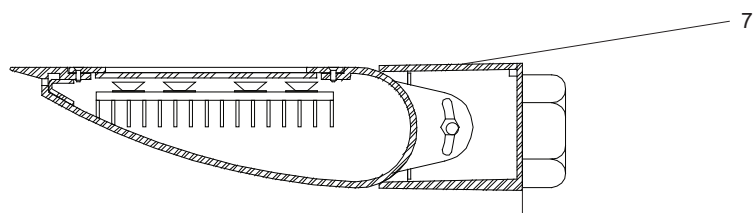
*Standard configuration unless otherwise specified ¹Delivered lumens (4000K)

SAMPLE CATALOG NUMBER: 6001 - 134L - 4K - 120 - WT
Using this catalog number would order 1 model 6001LED midi indirect wall mount luminaire with 134 watt, 4000K light engine wired to 120 volts, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Adjustable lamp housing: Cast aluminum. Driver enclosure: Cast aluminum with top cover plate. Glass frame: Cast aluminum. Lens: Clear, tempered glass.</p> <p>Electrical Components Light engine: Aluminum core PCB each with 4 LEDs and Ledil Strata - SQ optics. Driver: High efficiency, <20% THD, >90% PF</p>	<p>The 6001LED series is designed for wall mounting over a 4" octagonal j-box. A heavy gauge mounting plate attaches to the wall surface. Head hooks on to the mounting plate and locks in place with two stainless steel set screws. Maximum fixture weight 32 lbs.</p>	<p>The 6001LED optical system is optimized to provide an asymmetric indirect distribution. Head is adjustable (+/- 15°) to customize aiming upon installation, if required.</p>	<p>The 6001LED is listed for use in dry/damp locations to UL and CSA standards. Optional 'wet location' labelled unit can be provided as an option. (LOC 4 > 4 FEET)</p> <p>All units have a protective, tempered, glass shield to protect the LED compartment. The wet location units are totally sealed for wet location usage. (IP65)</p> <p>LEDs are rated for 50,000 hour life with lumen maintenance > 70% (L70).</p>



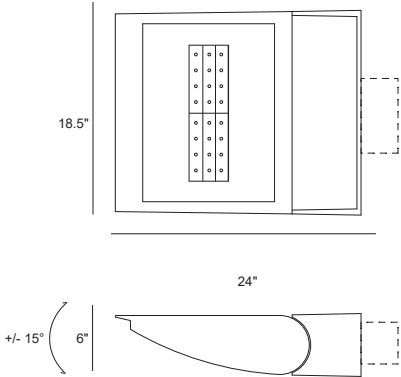
Mounting Plate



Streamline Indirect 6001LED

Detailed Product Description

- | | | | |
|---|---|---|---------------------------------------|
| 1 | Adjustable Lamp Housing (+/-15°) - Cast Aluminum | 5 | Recessed 4" Octagon J-Box (By Others) |
| 2 | Driver Enclosure - Cast Aluminum with Top Cover Plate | 6 | LED Boards 4 x LEDs Each |
| 3 | Enclosed LED Glass Frame and Heat Sink Assembly | 7 | Housing Assembly |
| 4 | Driver | | |



Streamline 6002LED Maxi Indirect Ceiling Wash INTERIOR/EXTERIOR

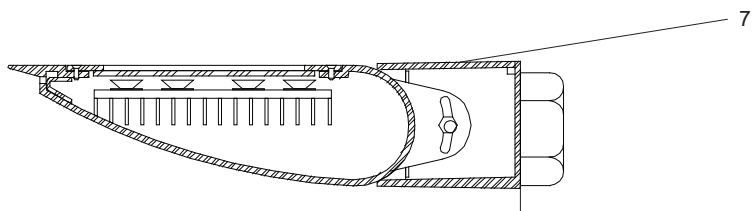
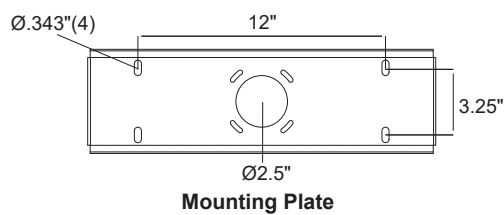
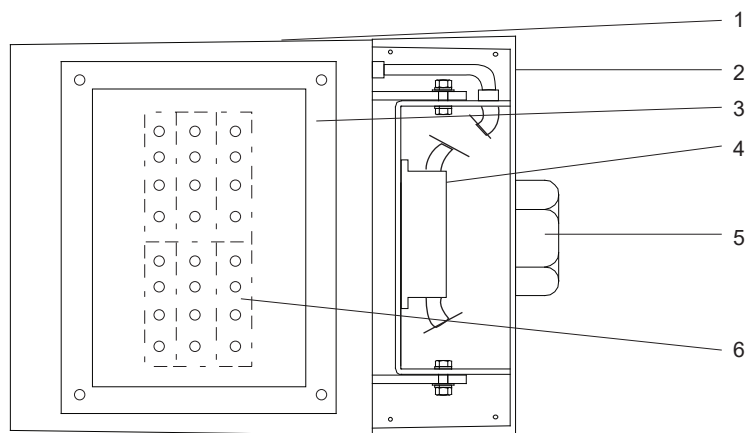
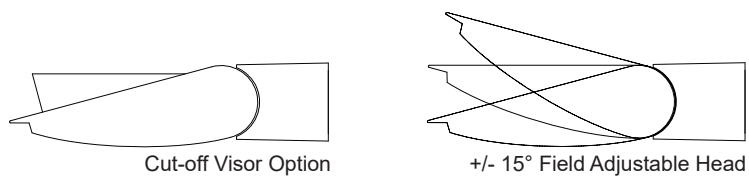
MODEL	WATTS	COLOR TEMPERATURE	VOLT	OPTIONS	COLOR
6002	200L 1 x 200 watts 15000 lumens ¹	3K 3000K	120*	WL wet location	WT white texture
	167L 1 x 167 watts 12500 lumens ¹	35K 3500K	208	CV cut-off visor for downward tilt	BT black texture
		4K 4000K	240	DIM 0 - 10 volt dimmable driver	SM silver metallic
	134L 1 x 134 watts 10000 lumens ¹	5K 5000K	277	NAT natatorium construction	AN aluminum natural
					BZ bronze
					GM gunmetal
					WS white satin
					BM black matte
					RAL specify no.

*Standard configuration unless otherwise specified ¹Delivered lumens (4000K)

SAMPLE CATALOG NUMBER: 6002 - 200L - 4K - 120 - WT

Using this catalog number would order 1 model 6002LED maxi indirect ceiling wash luminaire with a 200 watt, 4000K light engine wired to 120 volts, painted white texture polyester powder coat.

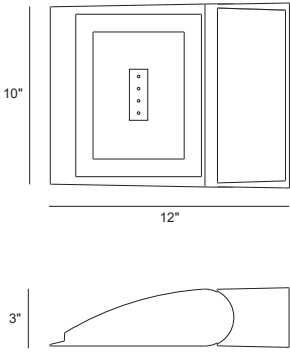
CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>Adjustable lamp housing: Cast aluminum. Driver enclosure: Cast aluminum with top cover plate. Lens: Clear, tempered glass in captive cast aluminum gasketed frame.</p> <p>Electrical Components</p> <p>Light engine: Aluminum core PCB each with 4 LEDs and Ledil Strata - SQ optics.</p> <p>Driver: High efficiency, <20% THD, >90% PF</p>	<p>The 6002LED series is designed for wall mounting over a recessed j-box. Wall must have sufficient strength to support luminaire. The mounting plate is secured to wall and the luminaire is hooked on to the plate and locked in place with captive set screws.</p> <p>Maximum fixture weight 63 lbs.</p>	<p>The 6002LED optical system is optimized to provide an asymmetric indirect distribution. Head is adjustable (+/- 15°) to customize aiming upon installation, if required.</p>	<p>The 6002LED is normally provided for indoor dry or damp locations to UL and CSA standards but, if ordered, can be made suitable for wet locations to UL and CSA standards. (LOC 4)</p> <p>All units have a protective, tempered, glass shield to protect the LED compartment. The wet location units are totally sealed for wet location usage (IP65).</p> <p>LEDs are rated for 50,000 hour life with lumen maintenance > 70% (L70).</p>



Streamline Indirect 6002LED

Detailed Product Description

- | | | | |
|---|---|---|---------------------------------------|
| 1 | Adjustable Lamp Housing (+/-15°) - Cast Aluminum | 5 | Recessed 4" Octagon J-Box (By Others) |
| 2 | Driver Enclosure - Cast Aluminum with Top Cover Plate | 6 | LED Boards |
| 3 | Enclosed LED Glass Frame and Heat Sink Assembly | 7 | Housing Assembly |
| 4 | Driver | | |



Streamline 6003LED Mini Direct Wall Mount Downlight INTERIOR/EXTERIOR

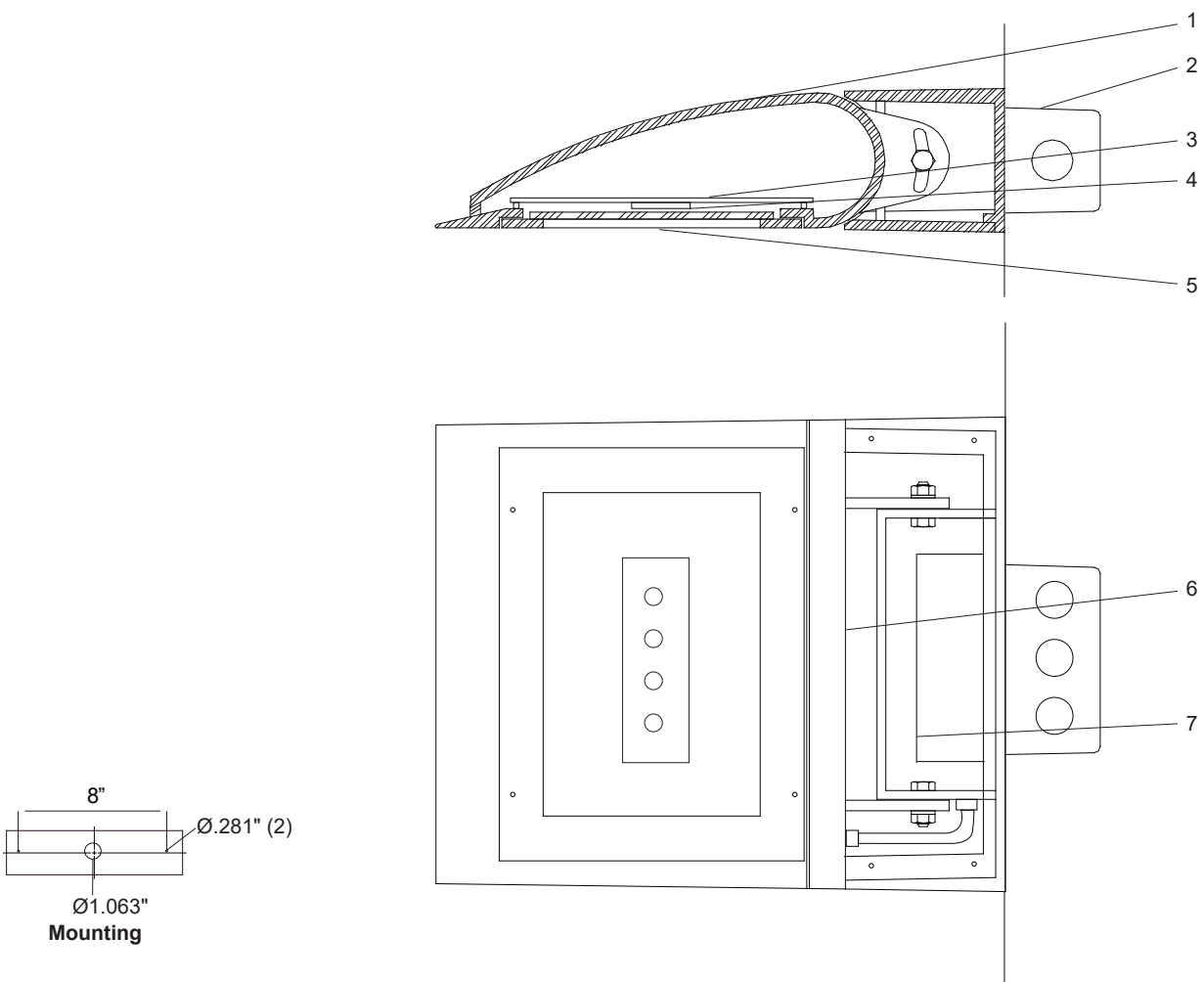
MODEL	WATTS	COLOR TEMPERATURE	VOLT	DISTRIBUTION	OPTIONS	COLOR
6003	32L <i>1 x 32 watts 2500 lumens¹</i>	3K <i>3000K</i>	120*	T2 <i>type II distribution</i>	DIM <i>0 - 10 volt dimmable driver</i>	WT <i>white texture</i>
		35K <i>3500K</i>	208	T3 <i>type III distribution</i>		BT <i>black texture</i>
		4K <i>4000K</i>	240	T4 <i>type IV distribution</i>		SM <i>silver metallic</i>
		5K <i>5000K</i>	277			AN <i>aluminum natural</i>
						BZ <i>bronze</i>
						GM <i>gunmetal</i>
						WS <i>white satin</i>
						BM <i>black matte</i>
						RAL <i>specify no.</i>

*Standard configuration unless otherwise specified ¹Delivered lumens (4000K)

SAMPLE CATALOG NUMBER: 6003 - 32L - 4K - 120 - T2 - WT

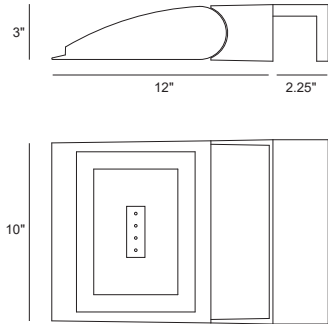
Using this catalog number would order 1 model 6003 mini direct wall mount downlight with a 32 watt, 4000K light engine wired to 120 volts, with type 2 distribution, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Adjustable lamp housing: Cast aluminum. Driver enclosure: Cast aluminum with top cover plate. Lens: Solite, tempered glass in captive frame.</p> <p>Electrical Components Light engine: Aluminum core PCB each with 4 LEDs and Ledil Strata - SQ optics. Driver: High efficiency, <20% THD, >90% PF</p>	<p>The 6003LED series is designed for wall mounting over a recessed FS junction box which is located parallel to the luminaire back on the center line. The luminaire mounting plate is secured to the mounting surface outside of the FS box location and the luminaire is hooked on the plate and secured with set screws on the bottom. Silicone sealant is required in wet locations along back and down sides to keep moisture out of wiring compartment. Maximum fixture weight 11 lbs.</p>	<p>The 6003LED optical system is optimized to provide an asymmetric area light distribution with full cutoff classification.</p>	<p>The 6003LED is CSA/UL listed for use in wet locations.</p> <p>LEDs are rated for 50,000 hour life with lumen maintenance > 70% (L70).</p>



Streamline Direct 6003LED Detailed Product Description

- | | | | |
|---|---|---|---|
| 1 | LED Housing - Cast Aluminum | 5 | Glass - Solite, Tempered 5/32" Thick in Captive Frame |
| 2 | FS Box 2" x 4" Rectangle (By Others) Mount Horizontally | 6 | Driver Compartment - Cast Aluminum |
| 3 | Heatsink - .188" Aluminum | 7 | Driver - High Efficiency, <20% THD and <90% PF |
| 4 | Light Engine - 4 x LEDs with Optics | | |



Streamline 6003ULED

Mini Direct Wall Mount Downlight INTERIOR/EXTERIOR

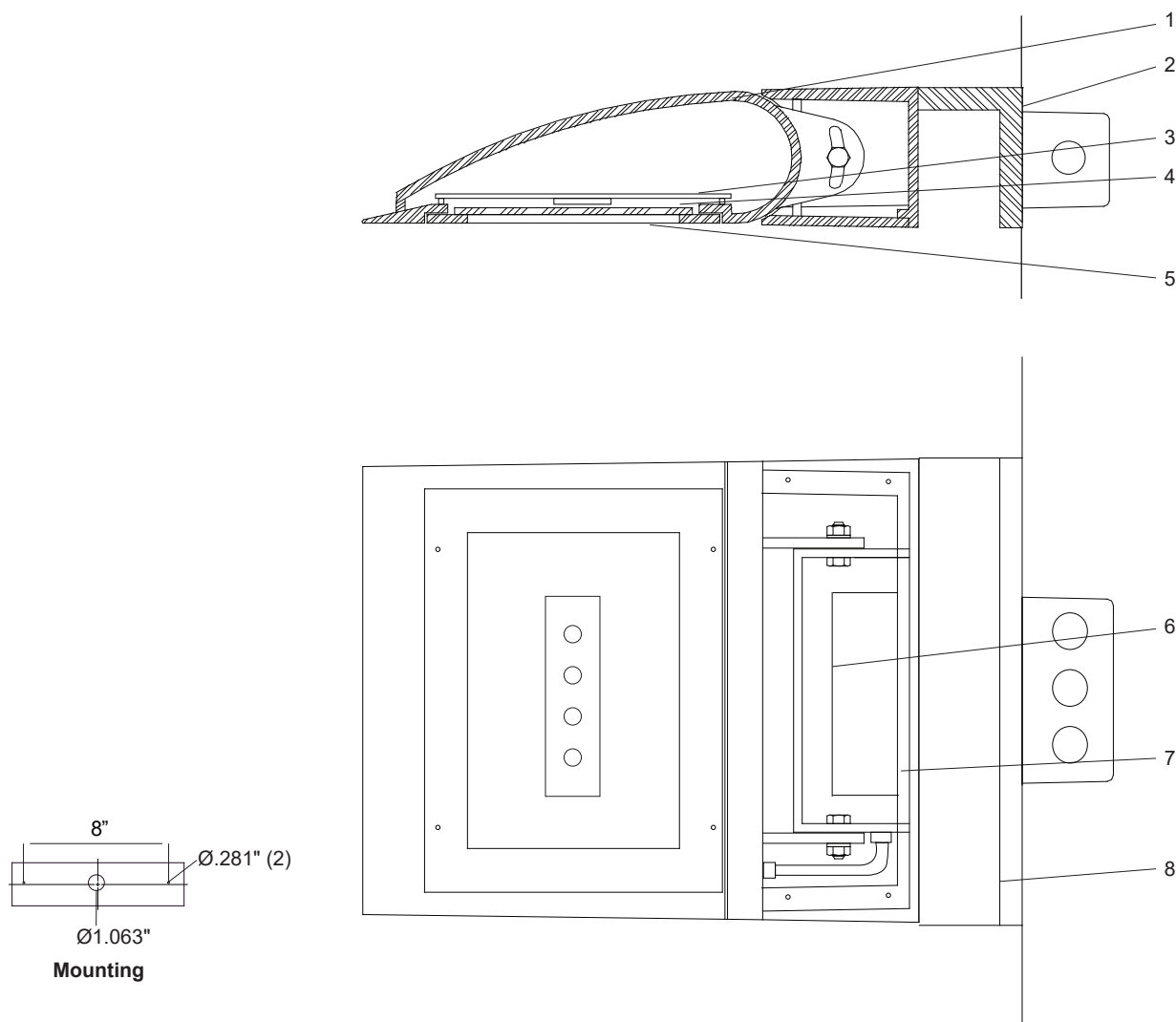
MODEL	WATTS	COLOR TEMPERATURE	VOLT	DISTRIBUTION	OPTIONS	COLOR
6003U	32L <i>1 x 32 watts 2500 lumens¹</i>	3K <i>3000K</i>	120*	T2 <i>type II distribution</i>	DIM <i>0 - 10 volt dimmable driver</i>	WT <i>white texture</i>
		35K <i>3500K</i>	208	T3 <i>type III distribution</i>		BT <i>black texture</i>
		4K <i>4000K</i>	240	T4 <i>type IV distribution</i>		SM <i>silver metallic</i>
		5K <i>5000K</i>	277			AN <i>aluminum natural</i>
						BZ <i>bronze</i>
						GM <i>gunmetal</i>
						WS <i>white satin</i>
						BM <i>black matte</i>
						RAL <i>specify no.</i>

*Standard configuration unless otherwise specified ¹Delivered lumens (4000K)

SAMPLE CATALOG NUMBER: 6003U - 32L - 4K - 120 - T2 - WT

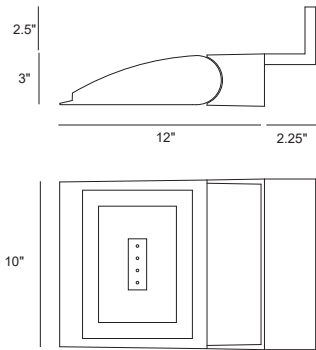
Using this catalog number would order 1 model 6003U mini direct wall mount downlight with a 32 watt, 4000K light engine with type II distribution, wired to 120 volts, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>Adjustable lamp housing: Cast aluminum. Driver enclosure: Cast aluminum with top cover plate. Lens: Solite, tempered glass in captive frame.</p> <p>Electrical Components</p> <p>Light engine: Aluminum core PCB each with 4 LEDs and Ledil Strata - SQ optics. Driver: High efficiency, <20% THD, >90% PF</p>	<p>The 6003ULED series is designed for wall mounting over a recessed FS junction box which is located parallel to the luminaire back on the center line. The luminaire mounting plate is secured to the mounting surface outside of the FS box location and the luminaire is hooked on the plate and secured with set screws on the bottom. Silicone sealant is required in wet locations along back and down sides to keep moisture out of wiring compartment.</p> <p>Maximum fixture weight 15 lbs.</p>	<p>The 6003ULED optical system is optimized to provide an asymmetric area light distribution with full cutoff classification.</p>	<p>The 6003ULED is CSA/UL listed for use in wet locations.</p> <p>LEDs are rated for 50,000 hour life with lumen maintenance > 70% (L70).</p>



Streamline Direct 6003ULED Detailed Product Description

- | | | | |
|---|--|---|---|
| 1 | LED Housing - Cast Aluminum | 5 | Glass - Solite, Tempered 5/32" Thick in Captive Frame |
| 2 | FS Box 2" x 4" Rectangle (By Others)
Mount Horizontally | 6 | Driver Compartment - Cast Aluminum |
| 3 | Heatsink - .188" Aluminum | 7 | Driver - High Efficiency, <20% THD and <90% PF |
| 4 | Light Engine - 4 x LEDs with Optics | 8 | Cantilever Support Arm - Cast Aluminum |



Streamline 6003ZLED Mini Direct Wall Mount Downlight INTERIOR/EXTERIOR

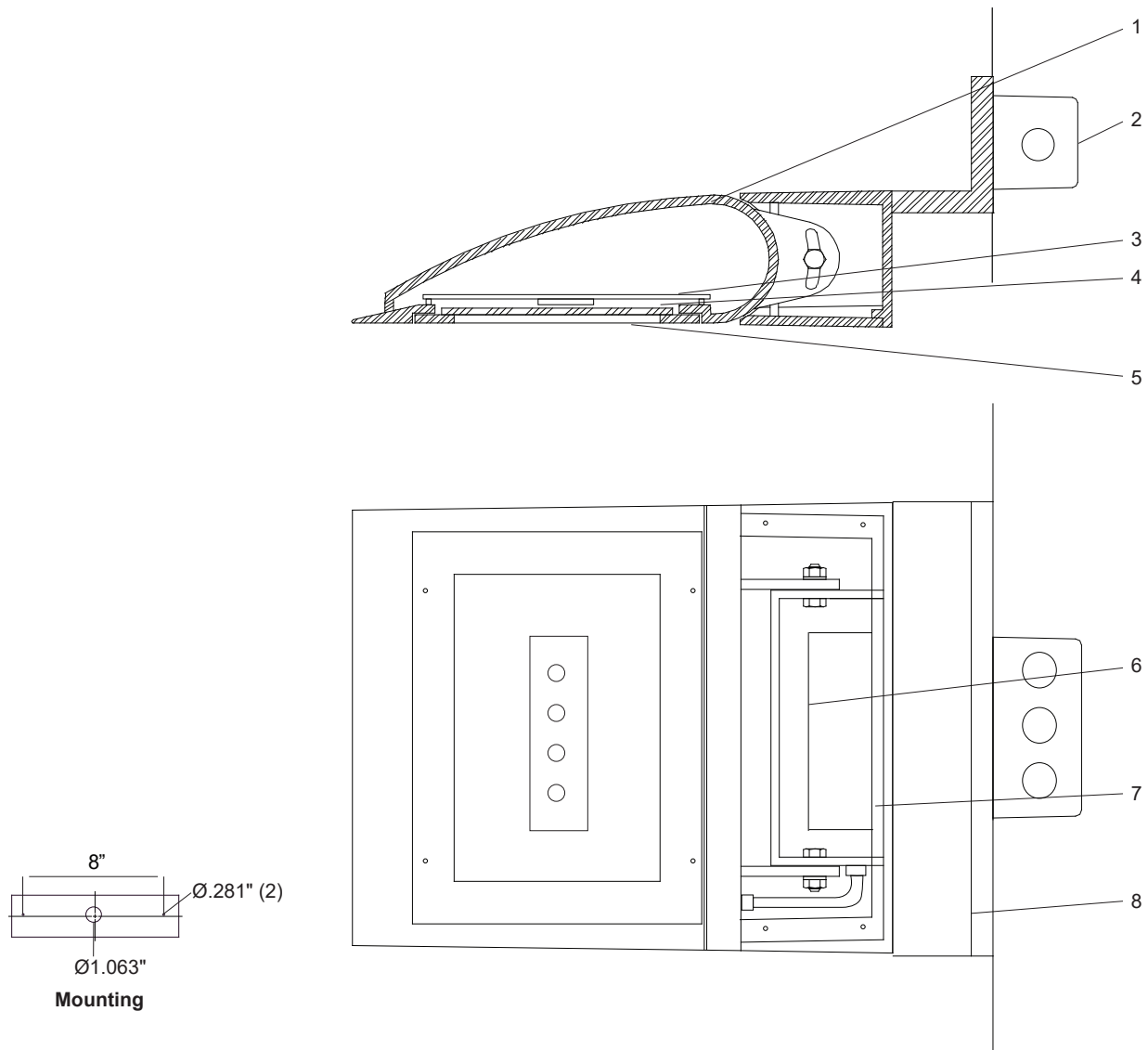
MODEL	WATTS	COLOR TEMPERATURE	VOLT	DISTRIBUTION	OPTIONS	COLOR
6003Z	32L 1 x 32 watts 2500 lumens ¹	3K 3000K	120*	T2 type II distribution	DIM 0 - 10 volt dimmable driver	WT white texture
		35K 3500K	208	T3 type III distribution		BT black texture
		4K 4000K	240	T4 type IV distribution		SM silver metallic
		5K 5000K	277			AN aluminum natural
						BZ bronze
						GM gunmetal
						WS white satin
						BM black matte
						RAL specify no.

*Standard configuration unless otherwise specified ¹Delivered lumens (4000K)

SAMPLE CATALOG NUMBER: 6003Z - 32L - 4K - 120 - T2 - WT

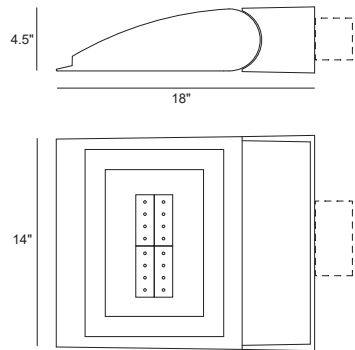
Using this catalog number would order 1 model 6003Z mini direct wall mount downlight with a 32 watt, 4000K light engine with type II distribution, wired to 120 volts, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>Adjustable lamp housing: Cast aluminum. Driver enclosure: Cast aluminum with top cover plate. Lens: Solite, tempered glass in captive frame.</p> <p>Electrical Components</p> <p>Light engine: Aluminum core PCB each with 4 LEDs and Ledil Strata - SQ optics. Driver: High efficiency, <20% THD, >90% PF</p>	<p>The 6003ZLED series is designed for wall mounting over a recessed FS junction box which is located parallel to the luminaire back on the center line. The luminaire mounting plate is secured to the mounting surface outside of the FS box location and the luminaire is hooked on the plate and secured with set screws on the bottom. Silicone sealant is required in wet locations along back and down sides to keep moisture out of wiring compartment.</p> <p>Maximum fixture weight 15 lbs.</p>	<p>The 6003ZLED optical system is optimized to provide an asymmetric area light distribution with full cutoff classification.</p>	<p>The 6003ZLED is CSA/UL listed for use in wet locations.</p> <p>LEDs are rated for 50,000 hour life with lumen maintenance > 70% (L70).</p>



Streamline Direct 6003ZLED Detailed Product Description

- | | | | |
|---|--|---|---|
| 1 | LED Housing - Cast Aluminum | 5 | Glass - Solite, Tempered 5/32" Thick in Captive Frame |
| 2 | FS Box 2" x 4" Rectangle (By Others)
Mount Horizontally | 6 | Driver Compartment - Cast Aluminum |
| 3 | Heatsink - .188" Aluminum | 7 | Driver - High Efficiency, <20% THD and <90% PF |
| 4 | Light Engine - 4 x LEDs with Optics | 8 | Cantilever Support Arm - Cast Aluminum |



Streamline 6004LED Midi Direct Wall Mount

EXTERIOR

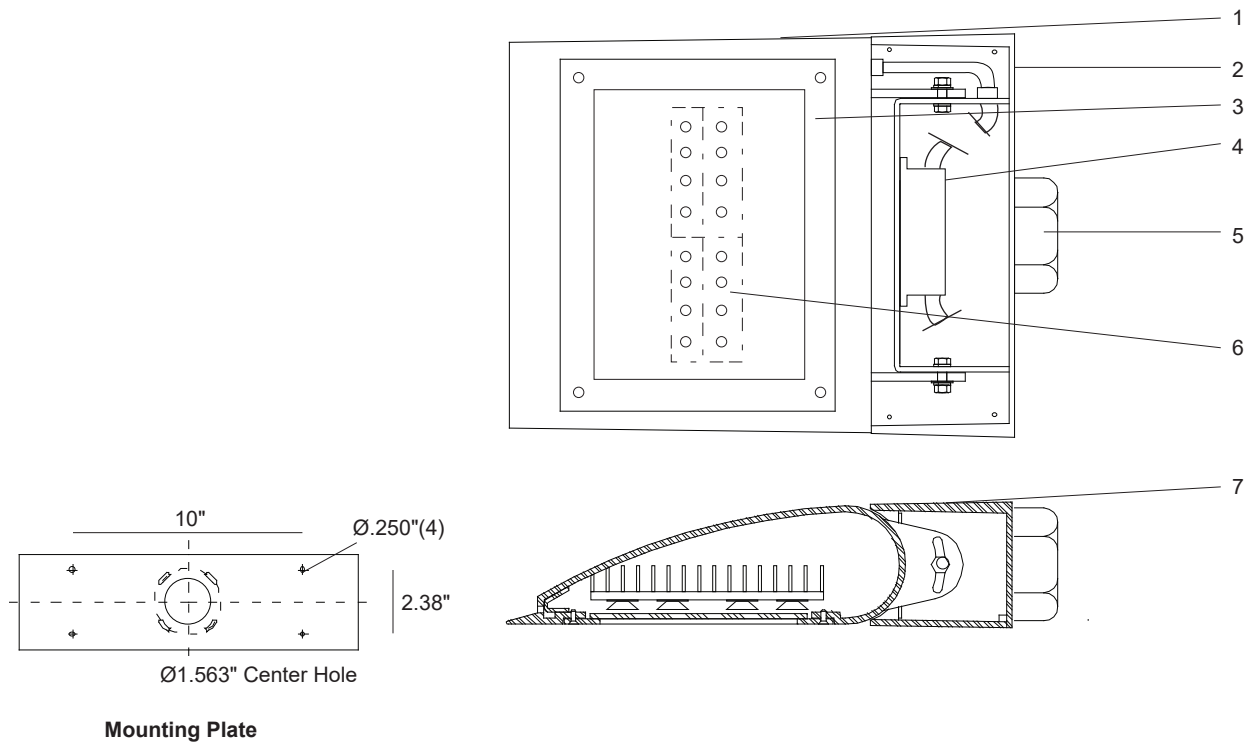
MODEL	WATTS	COLOR TEMPERATURE	VOLT	DISTRIBUTION	OPTIONS	COLOR
6004	134L 1 x 134 watts 10500 lumens ¹	3K 3000K	120*	T2 type II distribution	DIM 0 - 10 volt dimmable driver	WT white texture
		35K 3500K	208	T3 type III distribution		BT black texture
	101L 1 x 101 watts 7900 lumens ¹	4K 4000K	240	T4 type IV distribution		SM silver metallic
		5K 5000K	277			AN aluminum natural
						BZ bronze
						GM gunmetal
						WS white satin
						BM black matte
						RAL specify no.

*Standard configuration unless otherwise specified ¹Delivered lumens (4000K)

SAMPLE CATALOG NUMBER: 6004LED - 134L - 4K - 120 - T2 - WT

Using this catalog number would order 1 model 6004LED midi direct wall mount luminaire with a 134 watt, 4000K light engine with type II distribution, wired to 120 volts, painted white texture polyester powder coat.

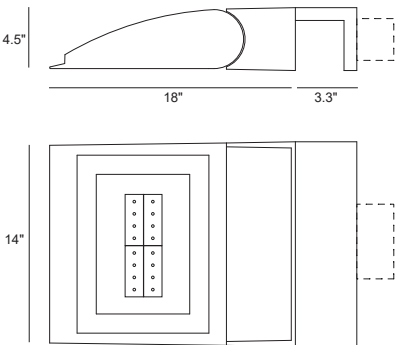
CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Adjustable lamp housing: Cast aluminum. Driver enclosure: Cast aluminum with top cover plate. Light engine enclosure: Cast aluminum sealed to lens frame. Lens: Clear, tempered glass in cast aluminum gasketed frame.</p> <p>Electrical Components Light engine: Aluminum core PCB each with 4 LEDs and Ledil Strata - SQ optics. Driver: High efficiency, <20% THD, >90% PF</p>	<p>The 6004LED series is designed for wall mounting over a 4" octagonal j-box. A heavy gauge mounting plate attaches to the wall surface. Head hooks on to the mounting plate and locks in place with two stainless steel set screws. Silicone seal is required along the top of the driver compartment and down sides to exclude moisture from entering driver compartment. Maximum fixture weight is 32 lbs.</p>	<p>The 6004LED optical system is type II, III or IV with a full cutoff classification.</p>	<p>The 6004LED is listed for use in wet locations to UL and CSA standards.</p> <p>LEDs are rated for 50,000 hour life with lumen maintenance > 70% (L70).</p>



Streamline Direct 6004LED

Detailed Product Description

- | | | | |
|---|---|---|---------------------------------------|
| 1 | Adjustable Lamp Housing - Cast Aluminum | 5 | Recessed 4" Octagon J-Box (By Others) |
| 2 | Driver Enclosure - Cast Aluminum with Top Cover Plate | 6 | LED Boards 4 x LEDs Each |
| 3 | Enclosed LED Glass Frame and Heat Sink Assembly | 7 | Housing Assembly |
| 4 | Driver | | |



Streamline 6004ULED Midi Direct Wall Mount

EXTERIOR

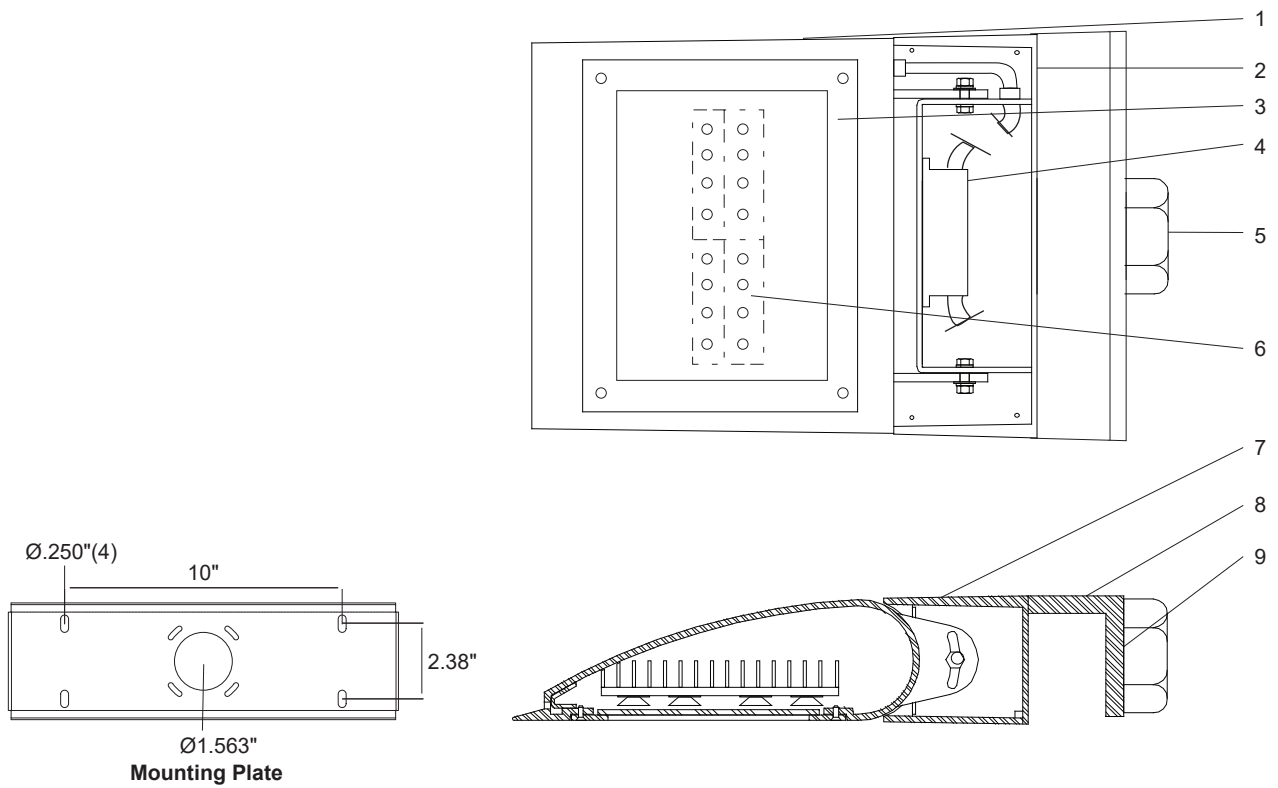
MODEL	WATTS	COLOR TEMPERATURE	VOLT	DISTRIBUTION	OPTIONS	COLOR
6004U	134L 1 x 134 watts 10500 lumens¹	3K 3000K	120*	T2 type II distribution	DIM 0 - 10 volt dimmable driver	WT white texture
		35K 3500K	208	T3 type III distribution		BT black texture
	101L 1 x 101 watts 7900 lumens¹	4K 4000K	240	T4 type IV distribution		SM silver metallic
		5K 5000K	277			AN aluminum natural
						BZ bronze
						GM gunmetal
						WS white satin
						BM black matte
						RAL specify no.

*Standard configuration unless otherwise specified ¹Delivered lumens (4000K)

SAMPLE CATALOG NUMBER: 6004U - 134L - 4K - 120 - T2 - WT

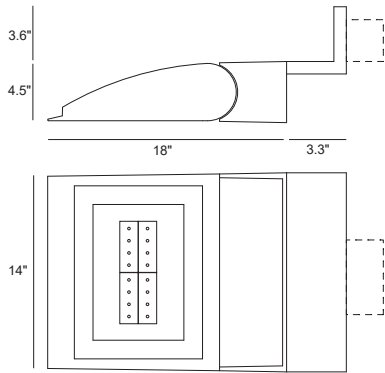
Using this catalog number would order 1 model 6004U midi direct wall mount luminaire with a 134 watt, 4000K light engine, with type II distribution, wired to 120 volts, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>Adjustable lamp housing: Cast aluminum. Driver enclosure: Cast aluminum with top cover plate. Light engine enclosure: Cast aluminum sealed to lens frame. Lens: Clear, tempered glass in cast aluminum gasketed frame.</p> <p>Electrical Components</p> <p>Light engine: Aluminum core PCB each with 4 LEDs and Ledil Strata - SQ optics. Driver: High efficiency, <20% THD, >90% PF</p>	<p>The 6004ULED series is designed for wall mounting over a 4" octagonal j-box. A heavy gauge mounting plate attaches to the wall surface. Head hooks on to the mounting plate and locks in place with two stainless steel set screws. Silicone seal is required along the top of the ballast compartment and down sides to exclude moisture from entering ballast compartment.</p> <p>Maximum fixture weight 42 lbs.</p>	<p>The 6004ULED optical system is type II, III or IV with a full cutoff classification.</p>	<p>The 6004ULED is listed for use in wet locations to UL and CSA standards.</p> <p>LEDs are rated for 50,000 hour life with lumen maintenance > 70% (L70).</p>



Streamline Direct 6004ULED Detailed Product Description

- | | |
|---|--|
| 1 Adjustable LED Housing - Cast Aluminum | 6 LED Boards 4 x LEDs Each |
| 2 Driver Enclosure - Cast Aluminum with Top Cover Plate | 7 Housing Assembly |
| 3 Enclosed LED Glass Frame and Heat Sink Assembly | 8 Cantilever Support Arm - Cast Aluminum |
| 4 Driver | 9 Mounting Plate |
| 5 Recessed 4" Octagon J-Box (By Others) | |



Streamline 6004ZLED Midi Direct Wall Mount

EXTERIOR

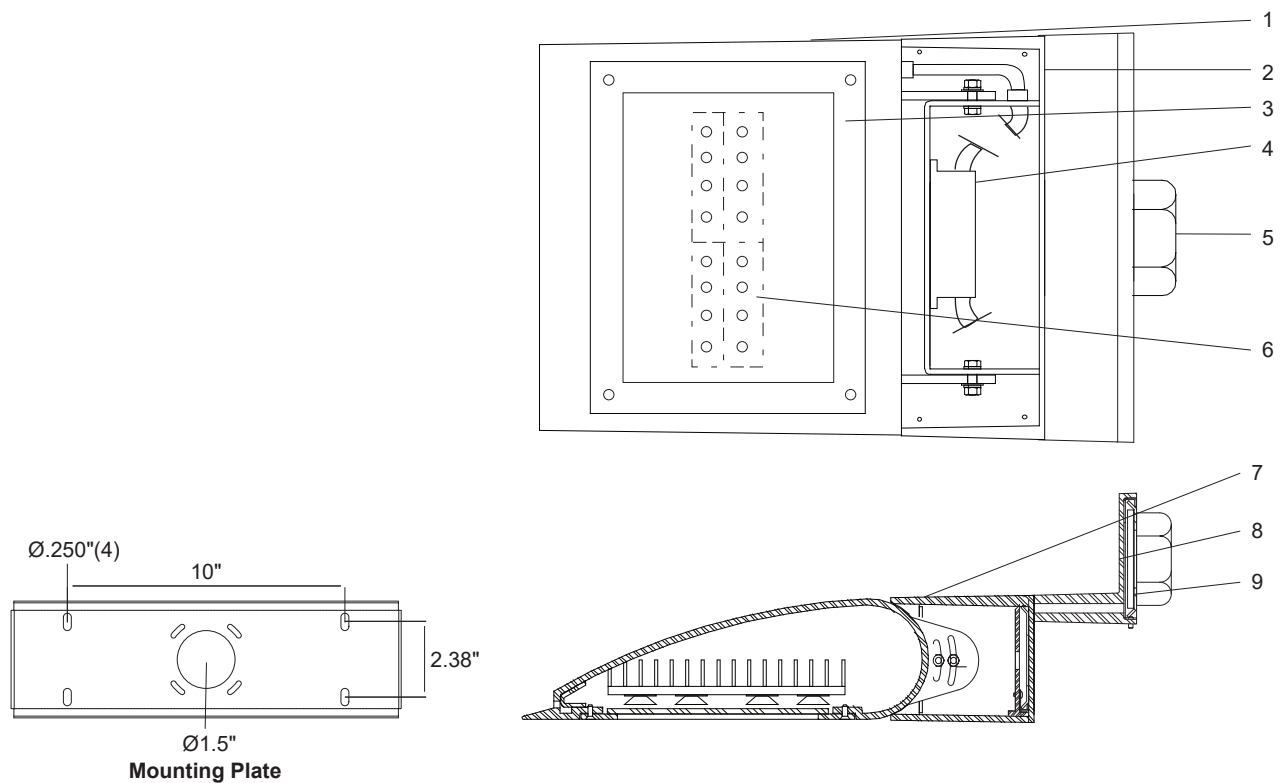
MODEL	WATTS	COLOR TEMPERATURE	VOLT	DISTRIBUTION	OPTIONS	COLOR
6004Z	134L 1 x 134 watts 10500 lumens ¹	3K 3000K	120*	T2 type II distribution	DIM 0 - 10 volt dimmable driver	WT white texture
		35K 3500K	208	T3 type III distribution		BT black texture
	101L 1 x 101 watts 7900 lumens ¹	4K 4000K	240	T4 type IV distribution		SM silver metallic
		5K 5000K	277			AN aluminum natural
						BZ bronze
						GM gunmetal
						WS white satin
						BM black matte
						RAL specify no.

*Standard configuration unless otherwise specified ¹Delivered lumens (4000K)

SAMPLE CATALOG NUMBER: 6004Z - 134L - 4K - 120 - T2 - WT

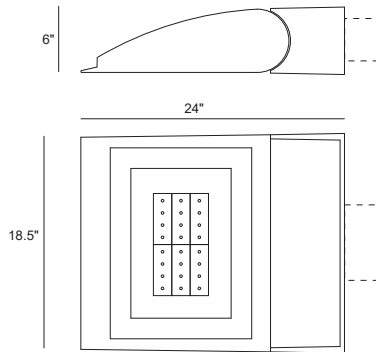
Using this catalog number would order 1 model 6004Z midi direct wall mount luminaire with a 134 watt, 4000K light engine wired to 120 volts, with type II distribution, painted white texture polyester powder coat. Type II distribution.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Adjustable lamp housing: Cast aluminum. Driver enclosure: Cast aluminum with top cover plate. Light engine enclosure: Cast aluminum sealed to lens frame. Lens: Clear tempered glass in cast aluminum gasketed frame.</p> <p>Electrical Components Light engine: Aluminum core PCB each with 4 LEDs and Ledil Strata - SQ optics. Driver: High efficiency, <20% THD, >90% PF</p>	<p>The 6004ZLED series is designed for wall mounting over a 4" octagonal j-box. A heavy gauge mounting plate attaches to the wall surface. Head hooks on to the mounting plate and locks in place with two stainless steel set screws. Silicone seal is required along the top of the ballast compartment and down sides to exclude moisture from entering ballast compartment. Maximum fixture weight 42 lbs.</p>	<p>The 6004ZLED optical system is type II, III or IV with a full cutoff classification.</p>	<p>The 6004ZLED is listed for use in wet locations to UL and CSA standards.</p> <p>LEDs are rated for 50,000 hour life with lumen maintenance > 70% (L70).</p>



Streamline Direct 6004ZLED Detailed Product Description

- | | | | |
|---|---|---|--|
| 1 | Adjustable LED Housing - Cast Aluminum | 6 | LED Boards 4 x LEDs Each |
| 2 | Driver Enclosure - Cast Aluminum with Top Cover Plate | 7 | Housing Assembly |
| 3 | Enclosed LED Glass Frame and Heat Sink Assembly | 8 | Cantilever Support Arm - Cast Aluminum |
| 4 | Driver | 9 | Mounting Plate |
| 5 | Recessed 4" Octagon J-Box (By Others) | | |



Streamline 6005LED Maxi Direct Wall Mount

EXTERIOR

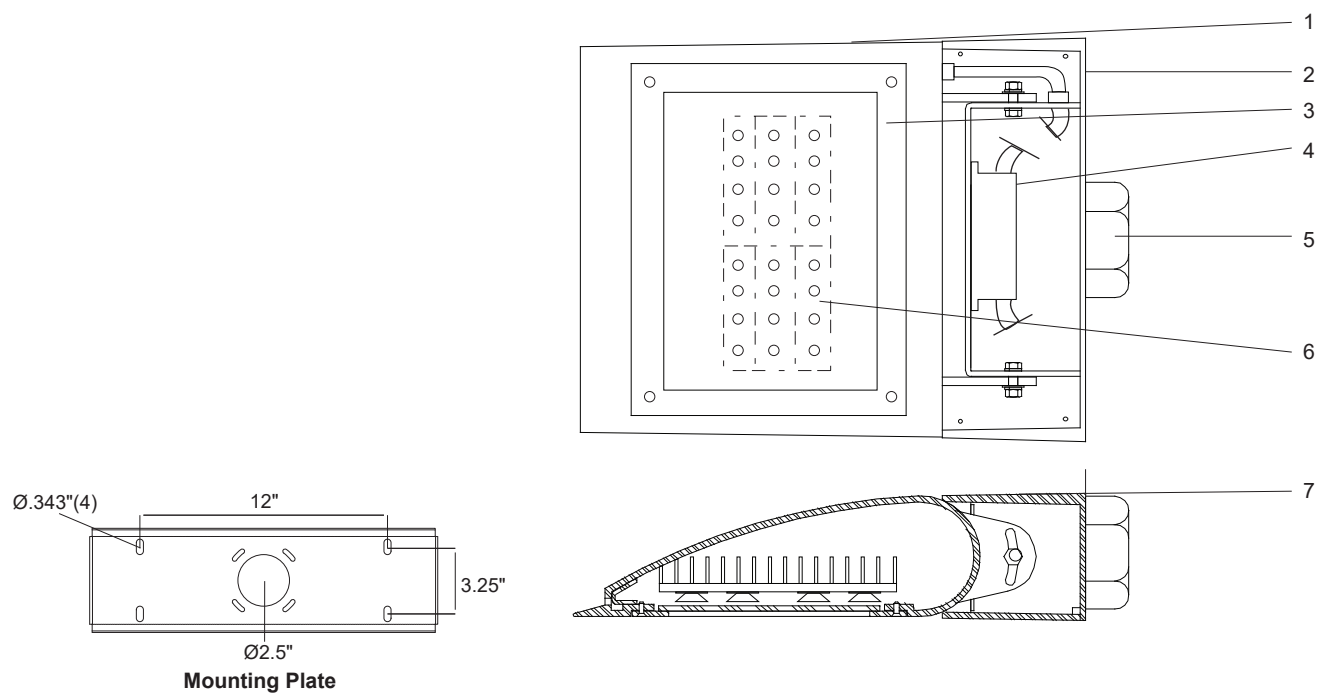
MODEL	WATTS	COLOR TEMPERATURE	VOLT	DISTRIBUTION	OPTIONS	COLOR
6005	200L	1 x 200 watts 15000 lumens ¹	3K 3000K	120*	T2 type II distribution	WT white texture
	167L	1 x 167 watts 12500 lumens ¹	35K 3500K	208	T3 type III distribution	BT black texture
			4K 4000K	240	T4 type IV distribution	SM silver metallic
	134L	1 x 134 watts 10000 lumens ¹	5K 5000K	277		AN aluminum natural
						BZ bronze
						GM gunmetal
						WS white satin
						BM black matte
						RAL specify no.

*Standard configuration unless otherwise specified ¹Delivered lumens (4000K)

SAMPLE CATALOG NUMBER: 6005 - 200L - 4K - 120 - T2 - WT

Using this catalog number would order 1 model 6005LED maxi direct wall mount luminaire with 200 watt, 4000K light engine wired to 120 volts, with a type II distribution, painted white texture polyester powder coat.

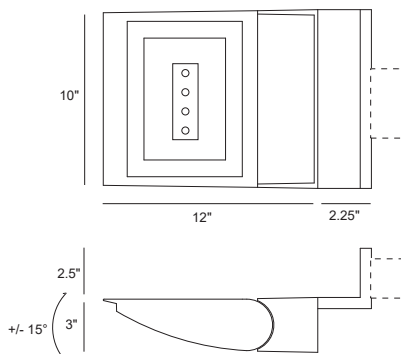
CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Adjustable lamp housing: Cast aluminum. Driver enclosure: Cast aluminum with top cover plate. Light engine enclosure: Cast aluminum sealed to lens frame. Lens: Clear tempered glass in cast aluminum gasketed frame.</p> <p>Electrical Components Light engine: Aluminum core PCB each with 4 LEDs and Ledil Strata - SQ optics. Driver: High efficiency, <20% THD, >90% PF</p>	<p>The 6005LED series is designed for wall mounting over a 4" octagonal recessed j-box. Wall must have sufficient strength to support luminaire. A heavy gauge mounting plate attaches to the wall surface. Head hooks on to plate and locks in place with two stainless steel set screws. Silicone seal is required along top of driver compartment and down sides to keep moisture from entering driver compartment. Maximum fixture weight 63 lbs.</p>	<p>The 6005LED optical system is type II, III or IV with a full cutoff classification.</p>	<p>The 6005LED is listed for use in wet locations to UL and CSA standards.</p> <p>LEDs are rated for 50,000 hour life with lumen maintenance > 70% (L70).</p>



Streamline Direct 6005LED

Detailed Product Description

- | | | | |
|---|---|---|---------------------------------------|
| 1 | Adjustable Lamp Housing (+/-15°) - Cast Aluminum | 5 | Recessed 4" Octagon J-Box (By Others) |
| 2 | Driver Enclosure - Cast Aluminum with Top Cover Plate | 6 | LED Boards 4 x LEDs Each |
| 3 | Enclosed LED Glass Frame and Heat Sink Assembly | 7 | Housing Assembly |
| 4 | Driver | | |



Streamline 6006LED Mini Indirect Ceiling Wash INTERIOR/EXTERIOR

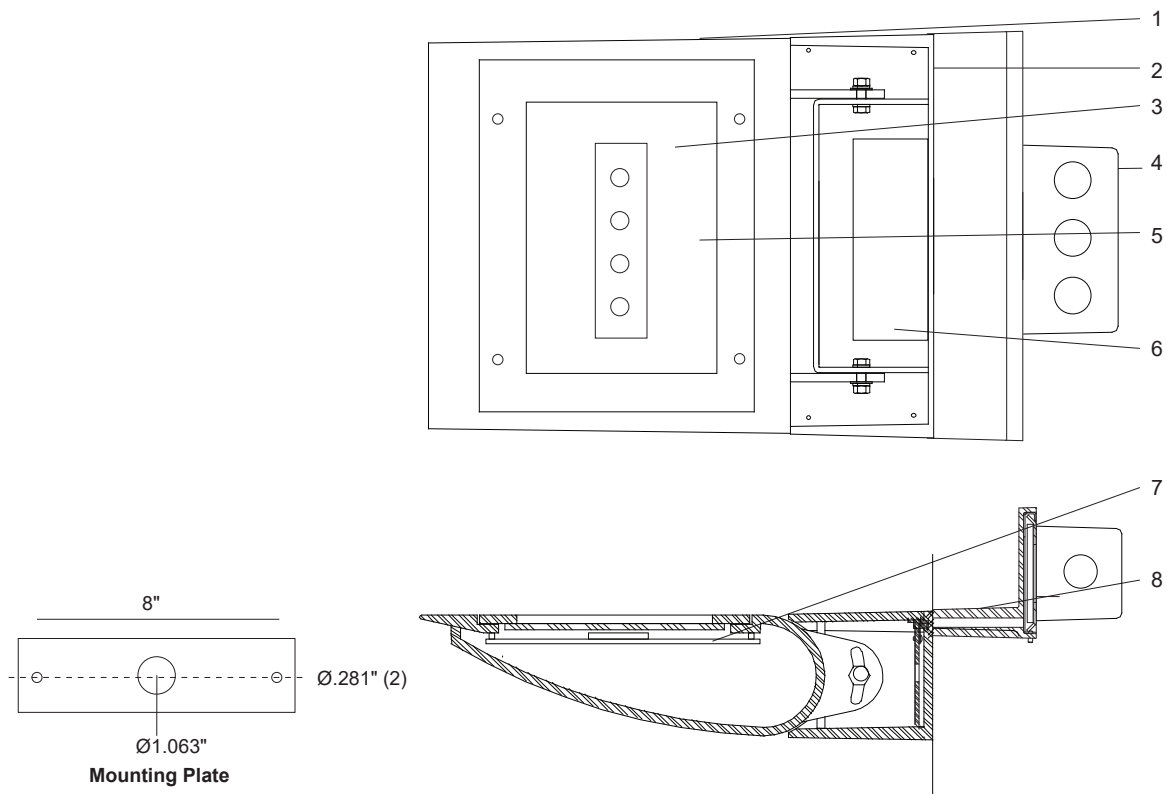
MODEL	WATTS	COLOR TEMPERATURE	VOLT	OPTIONS	COLOR
6006	32L <i>1 x 32 watts 2500 lumens¹</i>	3K <i>3000K</i>	120*	WL <i>wet location</i>	WT <i>white texture</i>
		35K <i>3500K</i>	208	CV <i>cut off visor for downward tilt</i>	BT <i>black texture</i>
		4K <i>4000K</i>	240	DIM <i>dimming driver 0 - 10V control</i>	SM <i>silver metallic</i>
		5K <i>5000K</i>	277	DF <i>micro-diffusion film</i>	AN <i>aluminum natural</i>
					BZ <i>bronze</i>
					GM <i>gunmetal</i>
					WS <i>white satin</i>
					BM <i>black matte</i>
					RAL <i>specify no.</i>

*Standard configuration unless otherwise specified ¹Delivered lumens (4000K)

SAMPLE CATALOG NUMBER: 6006 - 32L - 4K - 120 - WT

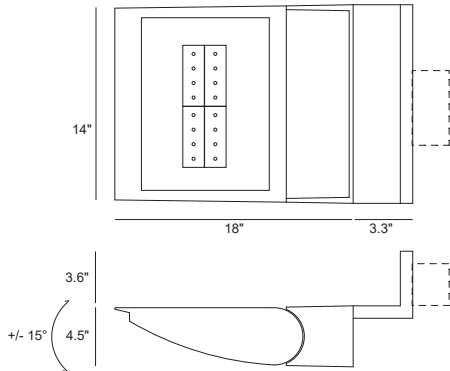
Using this catalog number would order 1 model 6006 mini indirect ceiling wash luminaire with a 32 watt, 4000K light engine wired to 120 volts, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Adjustable lamp housing: Cast aluminum. Driver enclosure: Cast aluminum with top cover plate. Lens: Solite, tempered glass in captive frame.</p> <p>Electrical Components Light engine: Aluminum core PCB each with 4 LEDs and Ledil Strata - SQ optics. Driver: High efficiency, <20% THD, >90% PF</p>	<p>The 6006LED series is designed for wall mounting over a recessed FS junction box which is located parallel to the luminaire back on the center line. The luminaire mounting plate is secured to the mounting surface outside of the FS box location and the luminaire is hooked on the plate and secured with set screws on the bottom. The supply wires are connected to the luminaire leads and contained in the FS box cavity. Maximum fixture weight 15 lbs.</p>	<p>The 6006LED optical system is optimized to provide an asymmetric indirect distribution. Head is adjustable (+/- 15°) to customize aiming upon installation, if required.</p>	<p>The 6006LED is normally provided for indoor dry or damp locations to UL and CSA standards but, if ordered, can be made suitable for wet locations to UL and CSA standards. (LOC 4 > 4 FEET)</p> <p>All units have a protective tempered glass cover and are completely gasketed to exclude any contaminants.</p> <p>LEDs are rated for 50,000 hour life with lumen maintenance > 70% (L70).</p>



Streamline Indirect 6006LED Detailed Product Description

- | | |
|--|---|
| 1 Adjustable Housing (+/-15°) - Cast Aluminum | 5 Glass - Solite, Tempered 5/32" Thick in Captive Frame |
| 2 Driver Enclosure - Cast Aluminum with Top Cover Plate | 6 Driver, High Efficiency <20% THD, >90% PF |
| 3 Light Engine, 4 x LEDs with Optics | 7 Heatsink Plate |
| 4 FS Box 2" x 4" Rectangle (By Others)
Mount Horizontally | 8 Cantilever Support Arm - Cast Aluminum |



Streamline 6007LED

Midi Indirect Ceiling Wash

INTERIOR

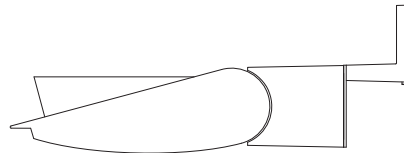
MODEL	WATTS	COLOR TEMPERATURE	VOLT	OPTIONS	COLOR
6007	134L 1 x 134 watts 10500 lumens ¹	3K 3000K	120*	WL wet location	WT white texture
		35K 3500K	208	CV cut off visor for downward tilt	BT black texture
	101L 1 x 101 watts 7900 lumens ¹	4K 4000K	240	DIM dimming driver 0 - 10V control	SM silver metallic
		5K 5000K	277	NAT natatorium construction	AN aluminum natural
					BZ bronze
					GM gunmetal
					WS white satin
					BM black matte
					RAL specify no.

*Standard configuration unless otherwise specified ¹Delivered lumens (4000K)

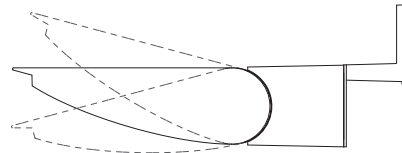
SAMPLE CATALOG NUMBER: 6007 - 134L - 4K - 120 - WT

Using this catalog number would order 1 model 6007 midi indirect ceiling wash luminaire with 134 watt, 4000K light engine wired to 120 volts, painted white texture polyester powder coat.

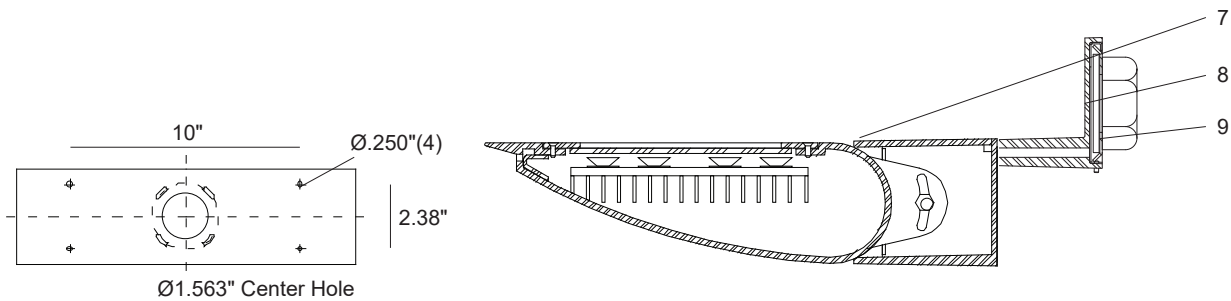
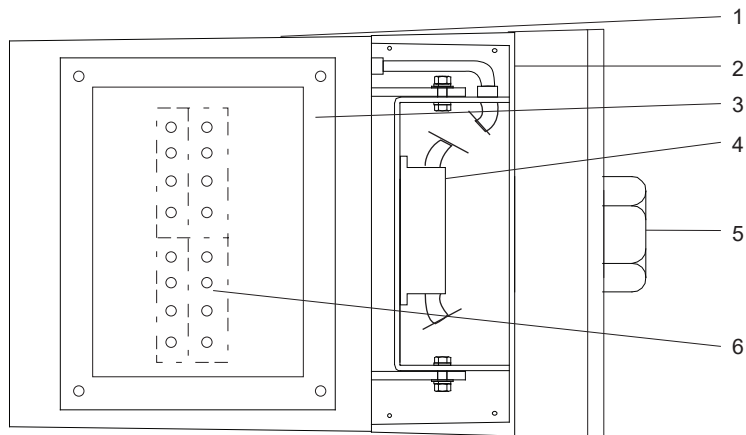
CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>Adjustable lamp housing: Cast aluminum. Driver enclosure: Cast aluminum with top cover plate. Lens: Clear, tempered glass in captive cast aluminum gasketed frame. Cantilever support arm: Cast aluminum.</p> <p>Electrical Components</p> <p>Light engine: Aluminum core PCB each with 4 LEDs and Lediil Strata - SQ optics.</p> <p>Driver: High efficiency, <20% THD, >90% PF</p>	<p>The 6007LED series is designed for wall mounting over a recessed j-box. Wall must have sufficient strength to support luminaire. The mounting plate is secured to wall and the luminaire is hooked on to the plate and locked in place with set screws.</p> <p>Maximum fixture weight 42 lbs.</p>	<p>The 6007LED optical system is optimized to provide an asymmetric indirect distribution. Head is adjustable (+/- 15°) to customize aiming upon installation, if required.</p>	<p>The 6007LED is normally provided for indoor dry or damp locations to UL and CSA standards but, if ordered, can be made suitable for wet locations to UL and CSA standards. (LOC 4 > 4 FEET)</p> <p>All units have a protective, tempered, glass shield to protect the LED compartment. The wet location units are totally sealed for wet location usage (IP65).</p> <p>LEDs are rated for 50,000 hour life with lumen maintenance > 70% (L70).</p>



Shown with optional cut-off visor



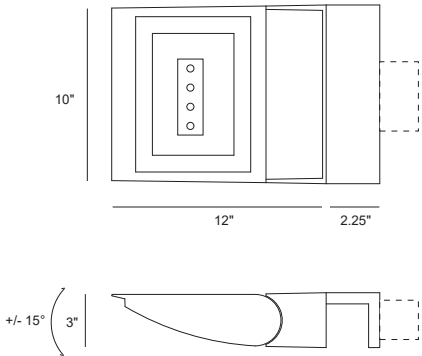
Shown with +/-15° adjustment



Mounting Plate

Streamline Indirect 6007LED Detailed Product Description

- | | |
|---|--|
| 1 Adjustable Lamp Housing (+/-15°) - Cast Aluminum | 6 LED Boards 4 x LEDs Each |
| 2 Driver Enclosure - Cast Aluminum with Top Cover Plate | 7 Housing Assembly |
| 3 Enclosed LED Glass Frame and Heat Sink Assembly | 8 Cantilever Support Arm - Cast Aluminum |
| 4 Driver | 9 Mounting Plate |
| 5 Recessed 4" Octagon J-Box (By Others) | |



Streamline 6009LED Mini Indirect Ceiling Wash

INTERIOR/EXTERIOR

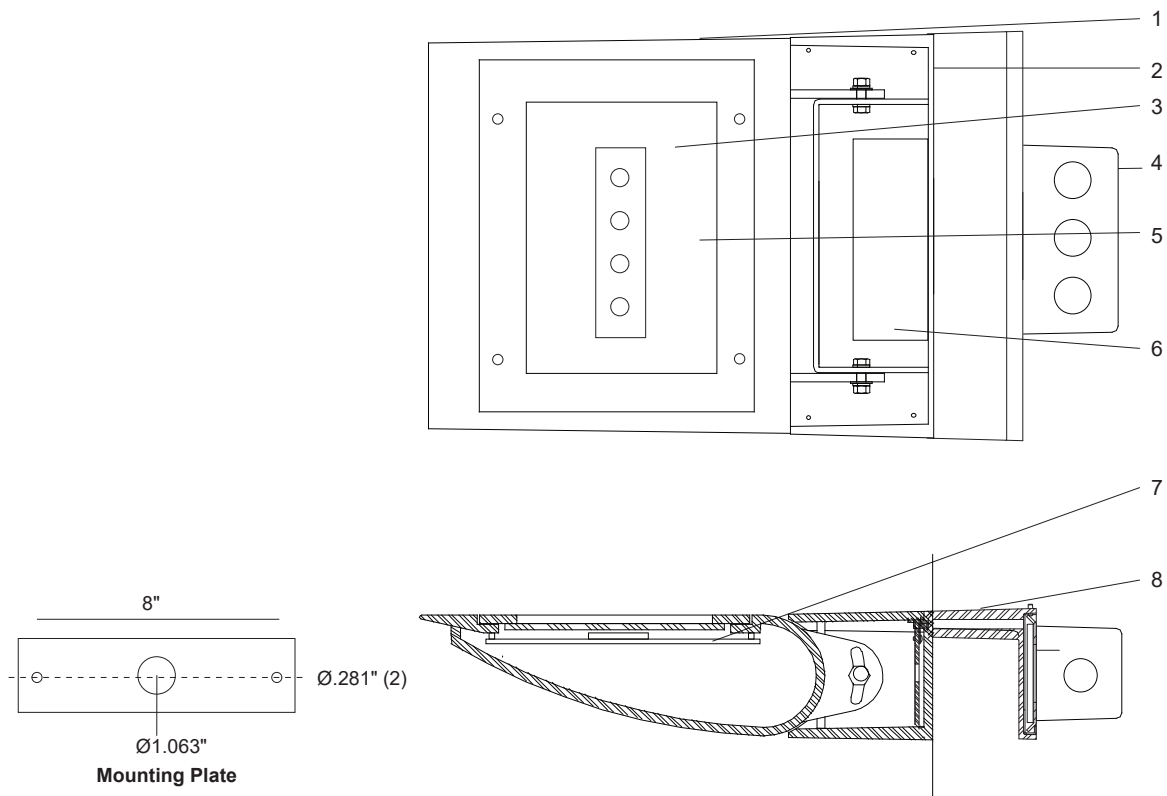
MODEL	WATTS	COLOR TEMPERATURE	VOLT	OPTIONS	COLOR
6009	32L <i>1 x 32 watts 2500 lumens¹</i>	3K <i>3000K</i>	120*	WL <i>wet location</i>	WT <i>white texture</i>
		35K <i>3500K</i>	208	CV <i>cut off visor for downward tilt</i>	BT <i>black texture</i>
		4K <i>4000K</i>	240	DIM <i>dimming driver 0 - 10V control</i>	SM <i>silver metallic</i>
		5K <i>5000K</i>	277	DF <i>micro-diffusion film</i>	AN <i>aluminum natural</i>
					BZ <i>bronze</i>
					GM <i>gunmetal</i>
					WS <i>white satin</i>
					BM <i>black matte</i>
					RAL <i>specify no.</i>

*Standard configuration unless otherwise specified ¹Delivered lumens (4000K)

SAMPLE CATALOG NUMBER: 6009 - 32L - 4K - 120 - WT

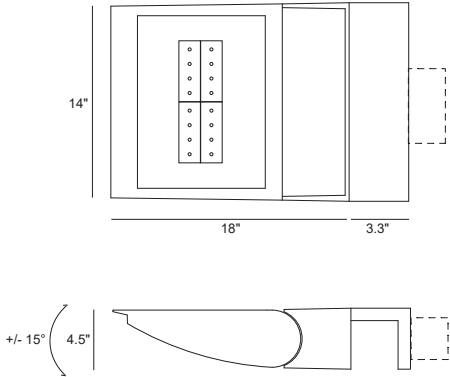
Using this catalog number would order 1 model 6009 mini indirect ceiling wash luminaire with a 32 watt, 4000K light engine wired to 120 volts, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>Adjustable lamp housing: Cast aluminum. Driver enclosure: Cast aluminum with top cover plate. Lens: Solite, tempered glass in captive frame.</p> <p>Electrical Components</p> <p>Light engine: Aluminum core PCB each with 4 LEDs and Ledil Strata - SQ optics.</p> <p>Driver: High efficiency, <20% THD, >90% PF</p>	<p>The 6009LED series is designed for wall mounting over a recessed FS junction box which is located parallel to the luminaire back on the center line. The luminaire mounting plate is secured to the mounting surface outside of the FS box location and the luminaire is hooked on the plate and secured with set screws on the bottom. The supply wires are connected to the luminaire leads and contained in the FS box cavity.</p> <p>Maximum fixture weight 15 lbs.</p>	<p>The 6009LED optical system is optimized to provide an asymmetric indirect distribution. Head is adjustable (+/- 15°) to customize aiming upon installation, if required.</p>	<p>The 6009LED is normally provided for indoor dry or damp locations to UL and CSA standards but, if ordered, can be made suitable for wet locations to UL and CSA standards. (LOC 4 > 4 FEET)</p> <p>All units have a protective tempered glass cover and are completely gasketed to exclude any contaminants.</p> <p>LEDs are rated for 50,000 hour life with lumen maintenance > 70% (L70).</p>



Streamline Indirect 6009LED Detailed Product Description

- | | |
|--|---|
| 1 Adjustable Housing (+/-15°) - Cast Aluminum | 5 Glass - Solite, Tempered 5/32" Thick in Captive Frame |
| 2 Driver Enclosure - Cast Aluminum with Top Cover Plate | 6 Driver, High Efficiency <20% THD, >90% PF |
| 3 Light Engine, 4 x LEDs with Optics | 7 Heatsink Plate |
| 4 FS Box 2" x 4" Rectangle (By Others)
Mount Horizontally | 8 Cantilever Support Arm - Cast Aluminum |



Streamline 6010LED Midi Indirect Ceiling Wash

INTERIOR

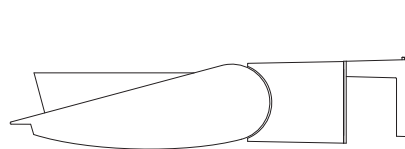
MODEL	WATTS	COLOR TEMPERATURE	VOLT	OPTIONS	COLOR
6010	134L 1 x 134 watts 10500 lumens ¹	3K 3000K	120*	WL wet location	WT white texture
		35K 3500K	208	CV cut off visor for downward tilt	BT black texture
	101L 1 x 101 watts 7900 lumens ¹	4K 4000K	240	DIM dimming driver 0 - 10V control	SM silver metallic
		5K 5000K	277	NAT natatorium construction	AN aluminum natural
					BZ bronze
					GM gunmetal
					WS white satin
					BM black matte
					RAL specify no.

*Standard configuration unless otherwise specified ¹Delivered lumens (4000K)

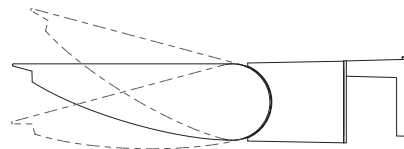
SAMPLE CATALOG NUMBER: 6010 - 134L - 4K - 120 - WT

Using this catalog number would order 1 model 6010 midi indirect ceiling wash luminaire with 134 watt, 4000K light engine wired to 120 volts, painted white texture polyester powder coat.

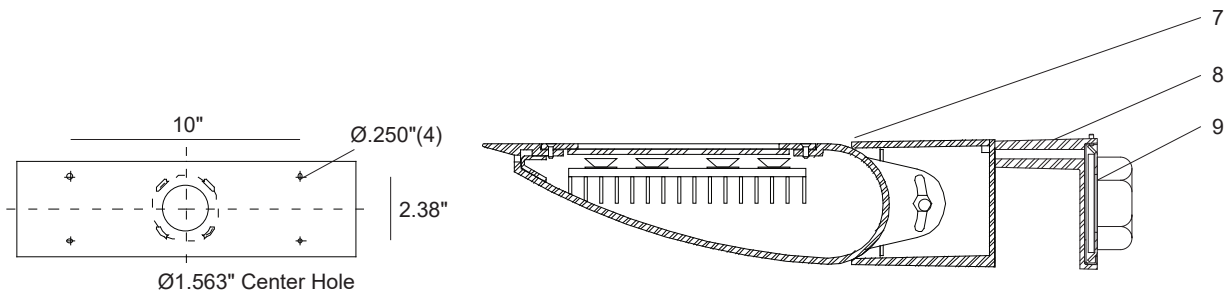
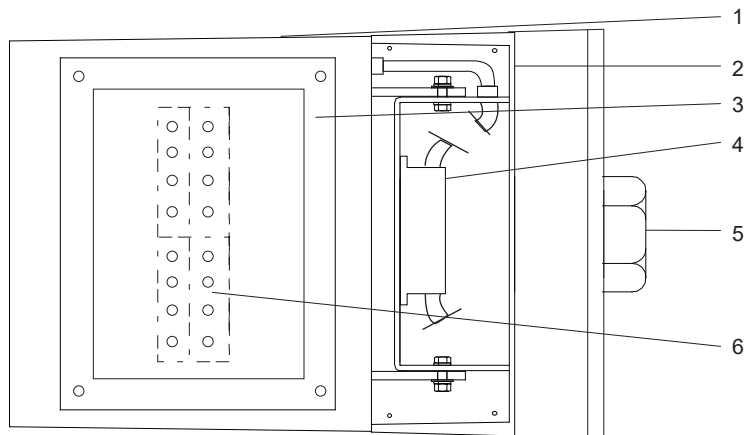
CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Adjustable lamp housing: Cast aluminum. Driver enclosure: Cast aluminum with top cover plate. Lens: Clear, tempered glass in captive cast aluminum gasketed frame. Cantilever support arm: Cast aluminum.</p> <p>Electrical Components Light engine: Aluminum core PCB each with 4 LEDs and Ledil Strata - SQ optics. Driver: High efficiency, <20% THD, >90% PF</p>	<p>The 6010LED series is designed for wall mounting over a recessed j-box. Wall must have sufficient strength to support luminaire. The mounting plate is secured to wall and the luminaire is hooked on to the plate and locked in place with set screws. Maximum fixture weight 42 lbs.</p>	<p>The 6010LED optical system is optimized to provide an asymmetric indirect distribution. Head is adjustable (+/- 15°) to customize aiming upon installation, if required.</p>	<p>The 6010LED is normally provided for indoor dry or damp locations to UL and CSA standards but, if ordered, can be made suitable for wet locations to UL and CSA standards. (LOC 4 > 4 FEET)</p> <p>All units have a protective, tempered, glass shield to protect the LED compartment. The wet location units are totally sealed for wet location usage (IP65).</p> <p>LEDs are rated for 50,000 hour life with lumen maintenance > 70% (L70).</p>



Shown with optional cut-off visor



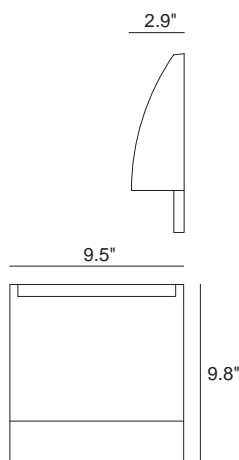
Shown with +/-15° adjustment



Mounting Plate

Streamline Indirect 6010LED Detailed Product Description

- | | |
|---|--|
| 1 Adjustable Lamp Housing (+/-15°) - Cast Aluminum | 6 LED Boards 4 x LEDs Each |
| 2 Driver Enclosure - Cast Aluminum with Top Cover Plate | 7 Housing Assembly |
| 3 Enclosed LED Glass Frame and Heat Sink Assembly | 8 Cantilever Support Arm - Cast Aluminum |
| 4 Driver | 9 Mounting Plate |
| 5 Recessed 4" Octagon J-Box (By Others) | |



Streamline 6030DLED Mini Wall Mount Sconce - Downlight INTERIOR

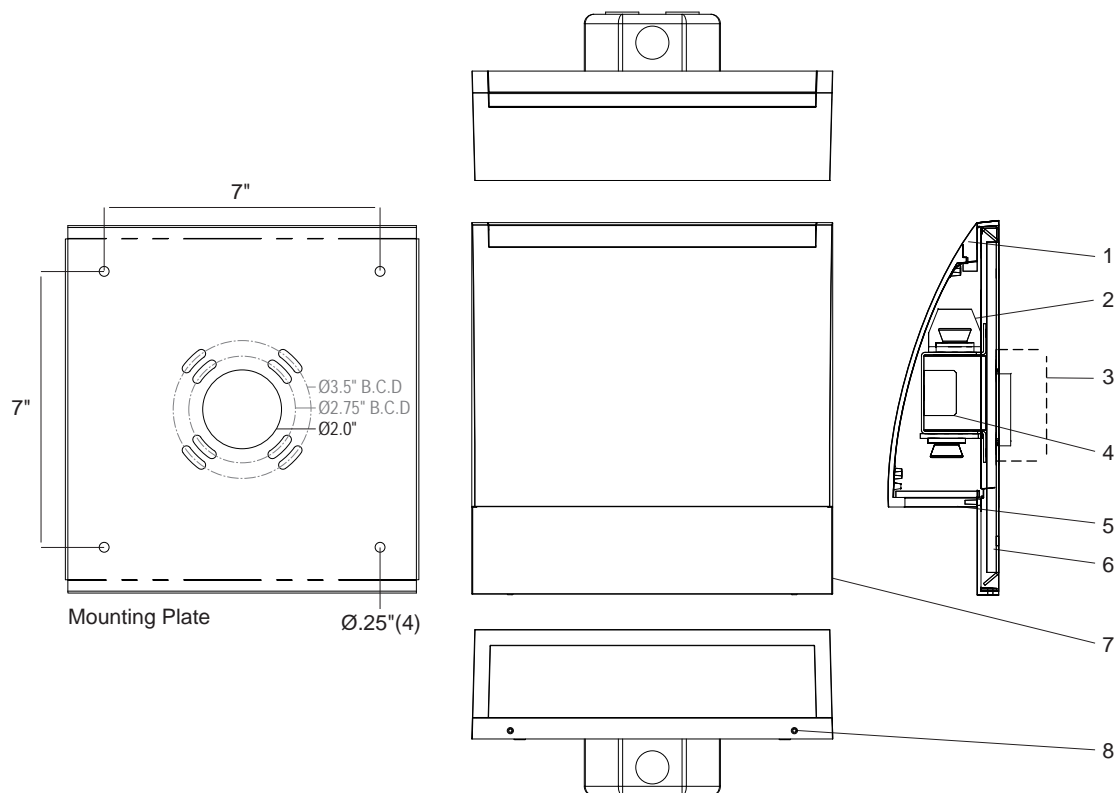
MODEL	LED		COLOR TEMPERATURE	VOLT	OPTIONS	COLOR
6030D	7L	3 x 2.4w 390 lumens+	30 3000K	120*	WL wet location listing	WT white texture
			35 3500K	277	DIM dimming driver (0-10v)	BT black texture
			40 4000K		DL downlight only (4.8w, 353 lumens)	SM silver metallic
						AN aluminum natural
						BZ bronze
						GM gunmetal
						WS white satin
						BM black matte
						RAL specify no.

*Standard configuration unless otherwise specified +delivered (353 lumens down/37 lumens up, 4000K)

SAMPLE CATALOG NUMBER: 6030D - 7L - 30 - 120 - WT

Using this catalog number would order 1 model 6030D mini wall mount sconce with 3 x 2.4 watt LED boards with a color temperature of 3000K wired to 120 volts, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials LED housing: Pressure die cast aluminum. Light reveal: Frost acrylic. Lens: Prismatic glass.</p> <p>Electrical Components Driver: Constant current 350mA integral driver. LED boards >82CRI.</p>	<p>The 6030D luminaire is designed to mount over a recessed 4" j-box. A universal mounting plate allows leveling. The unit attaches to a mounting plate that is fixed to the j-box. Two stainless steel set screws lock the luminaire to the mounting plate.</p>	<p>The 6030D luminaire is designed to provide even downlight illumination and soft illumination of the uplight reveal strip.</p>	<p>The 6030D luminaire is listed for use damp/dry locations to UL and CSA standards. ADA compliant. An optional wet location label can be provided.</p>



Streamline Sconce 6030DLED Detailed Product Description

- | | | | |
|---|---|---|-----------------------------|
| 1 | Acrylic Light Reveal | 5 | Prismatic Glass Lens |
| 2 | LED Module | 6 | Mounting Plate |
| 3 | 4" Octagonal J-Box Recessed (By Others) | 7 | Housing - Die Cast Aluminum |
| 4 | Driver - Constant Current | 8 | Stainless Steel Set Screws |

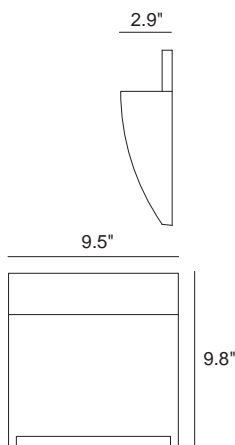
Detailed Module Description

Rebelle Architectural Lighting

Light output (lumens)	390
Watts	7.2
Luminaire Efficacy Rating	54
Color accuracy (CRI)	82
Correlated color temperature (CCT)	4000K

Lumen Multipliers

4000K	- 1.00
3500K	- 0.967
3000K	- 0.938



Streamline 6030ULED Mini Wall Mount Sconce - Uplight INTERIOR

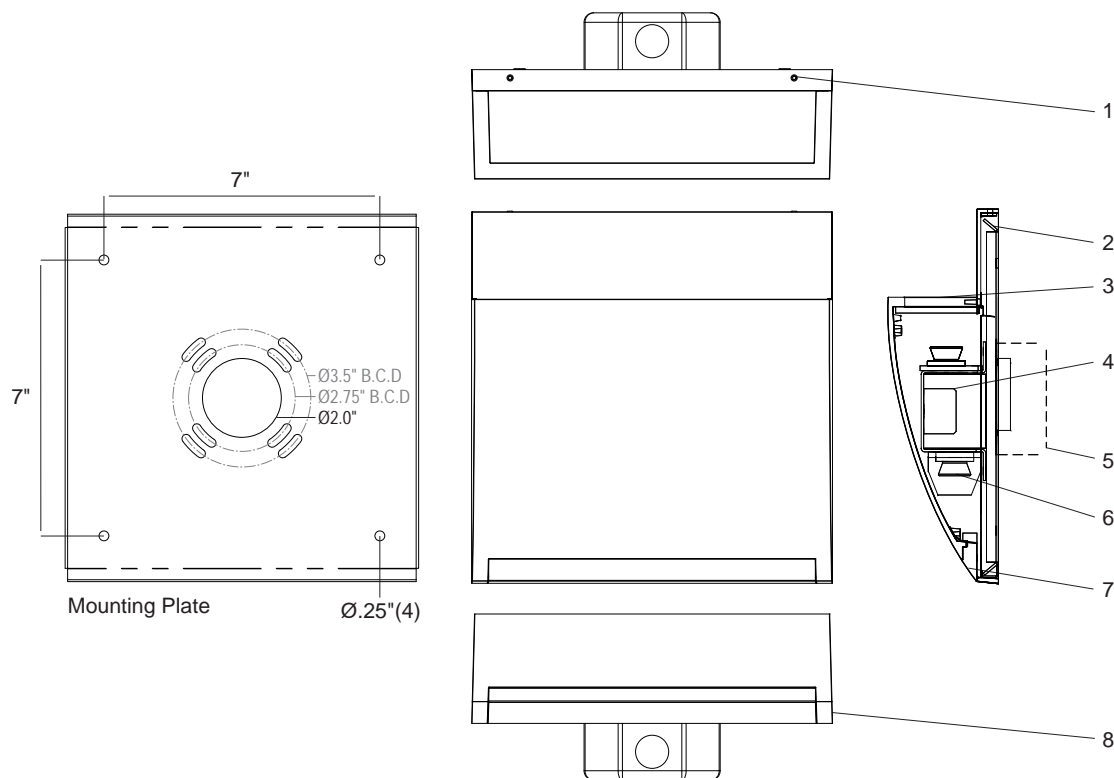
MODEL	LED	COLOR TEMPERATURE	VOLT	OPTIONS	COLOR
6030U	7L	30 3000K	120*	DIM dimming driver (0-10v)	WT white texture
		35 3500K	277	UL uplight only (4.8w, 353 lumens)	BT black texture
		40 4000K			SM silver metallic
					AN aluminum natural
					BZ bronze
					GM gunmetal
					WS white satin
					BM black matte
					RAL specify no.

*Standard configuration unless otherwise specified +delivered (37 lumens down/353 lumens up, 4000K)

SAMPLE CATALOG NUMBER: 6030U - 7L - 30 - 120 - WT

Using this catalog number would order 1 model 6030U mini wall mount sconce with 3 x 2.4 watt LED boards with a color temperature of 3000K wired to 120 volts, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>Lamp housing: Pressure die cast aluminum. Light reveal: Frost acrylic. Lens: Prismatic glass.</p> <p>Electrical Components</p> <p>Driver: Constant current 350mA integral driver. LED boards >82CRI.</p>	<p>The 6030U luminaire is designed to mount over a recessed 4" j-box. A universal mounting plate allows leveling. The unit attaches to a mounting plate that is fixed to the j-box. Two stainless steel set screws lock the luminaire to the mounting plate.</p>	<p>The 6030U luminaire is designed to provide even upward light and soft illumination of the downlight reveal strip.</p>	<p>The 6030U luminaire is listed for use damp/dry locations to UL and CSA standards. ADA compliant.</p>



Streamline Sconce 6030ULED Detailed Product Description

- | | | | |
|---|----------------------------|---|---|
| 1 | Stainless Steel Set Screws | 5 | 4" Octagonal J-Box Recessed (By Others) |
| 2 | Mounting Plate | 6 | LED Module |
| 3 | Prismatic Glass Lens | 7 | Acrylic Light Reveal |
| 4 | Driver - Constant Current | 8 | Housing - Die Cast Aluminum |

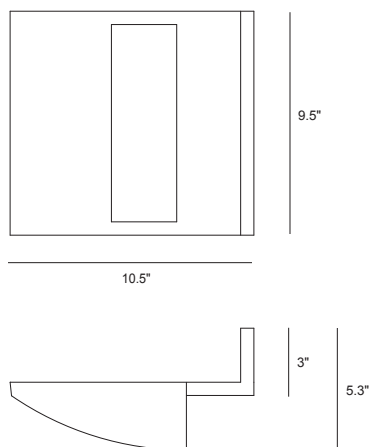
Detailed Module Description

Rebelle Architectural Lighting

Light output (lumens)	390
Watts	7.2
Luminaire Efficacy Rating	54
Color accuracy (CRI)	82
Correlated color temperature (CCT)	4000K

Lumen Multipliers

4000K	- 1.00
3500K	- 0.967
3000K	- 0.938



Streamline 6032ZLED Mini Wall Arm Uplight Sconce

INTERIOR

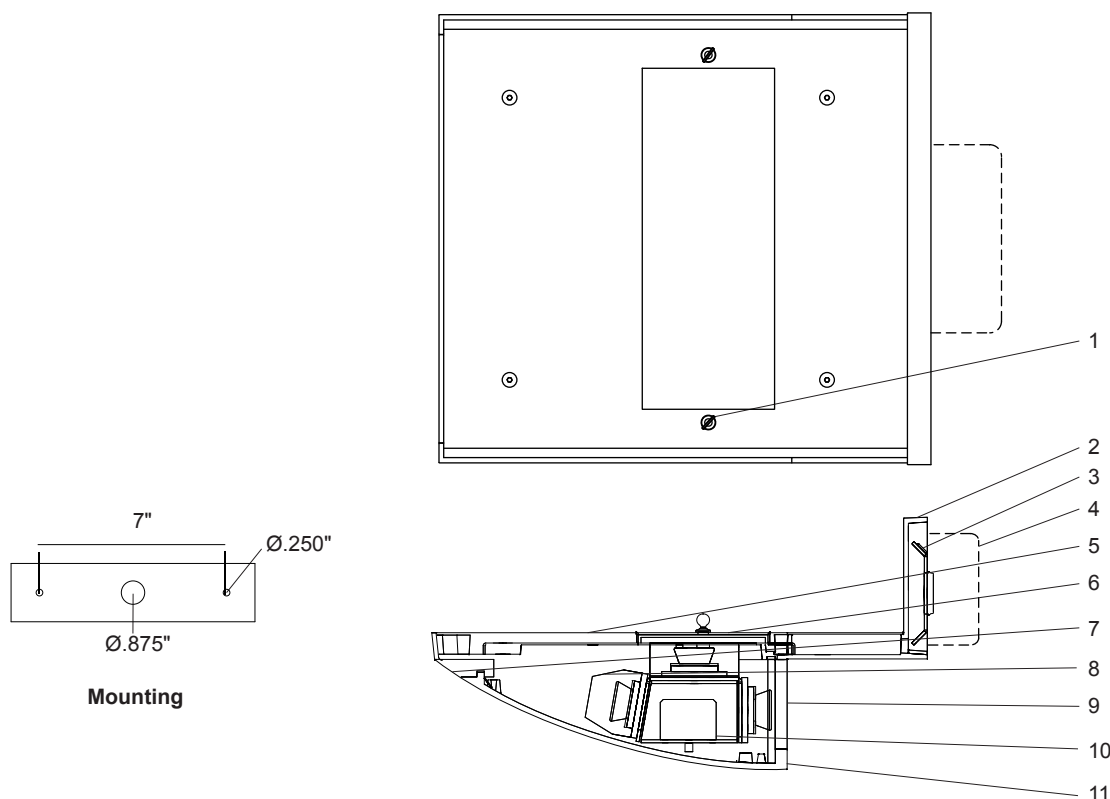
MODEL	LAMP	COLOR TEMPERATURE	VOLT	COLOUR
6032Z	10L 8 x 1.2w 285 lumens+	30 3000K	120* 277	WT white texture BT black texture SM silver metallic AN aluminum natural BZ bronze GM gunmetal WS white satin BM black matte RAL specify no.

*Standard configuration unless otherwise specified +absolute

SAMPLE CATALOG NUMBER: 6032Z - 10L - 30 - 120 - WT

Using this catalog number would order 1 model 6032Z mini wall arm uplight sconce with 10 watt LED at 3000K wired to 120 volts, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Housing: Pressure die cast aluminum. Light reveal: Frost acrylic. Lens: Prismatic glass - industrex.</p> <p>Electrical Components LED - 120 volt supply integral drive. Constant current LED board: Aluminum core with thermal interface heat sink.</p>	<p>The 6032ZLED is meant for wall surface mounting over a recessed FS box that is horizontally oriented.</p>	<p>The 6032ZLED luminaire provides uplight with a backsplash of light behind unit on wall. An evenly lighted nose reveal provides a unique feature.</p>	<p>The 6032ZLED is listed for use in damp/dry locations to UL and CSA standards.</p>



Streamline Sconce 6032ZLED Detailed Product Description

- | | | | |
|---|---|----|---|
| 1 | Top Lens Locking Thumb Screws | 7 | Light Reveal Element - Machined Acrylic |
| 2 | Chassis - Die Cast Aluminum | 8 | LED Module with Spread Lens (3) |
| 3 | Mounting Plate | 9 | Rear Lens - Tempered Industrex Glass |
| 4 | Single Gang FS J-Box Recessed, Horizontal Mount (By Others) | 10 | Driver - Constant Current |
| 5 | Top Cover Plate | 11 | Housing - Die Cast Aluminum |
| 6 | Top Lens - Tempered Industrex Glass | | |

Detailed Module Description

Ratings are IESNA LM - 79 - 2008

Rebelle Architectural Lighting

Light output (lumens) _____ 313
Watts _____ 9.6
Lumens per watt (Efficacy) _____ 33
Color accuracy (CRI) _____ 90
Correlated color temperature (CCT) _____ 3000K

Lighting Facts

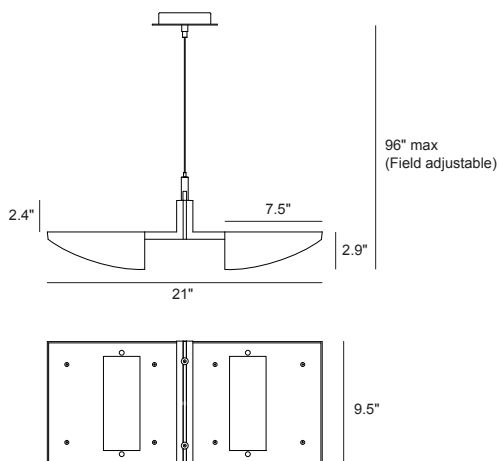
Registration Number _____ K3AG-8LAWPQ
Model Number _____ 6032ZLED
Type _____ Interior Wall Mount

Projected Life Date - based on LM - 80 data published by Philips Lumileds - Luxeon Rebel LEDs

Recommended Ambient Temperature Range - 40°C to +35°C

L70 = > 70,000 hours @ 35°C ambient.

Driver Case Temperature @ 35°C ambient, 78°C (Max. 90°C)



Streamline 6032Z2PLED Mini Twin Pendant Uplight Sconce INTERIOR

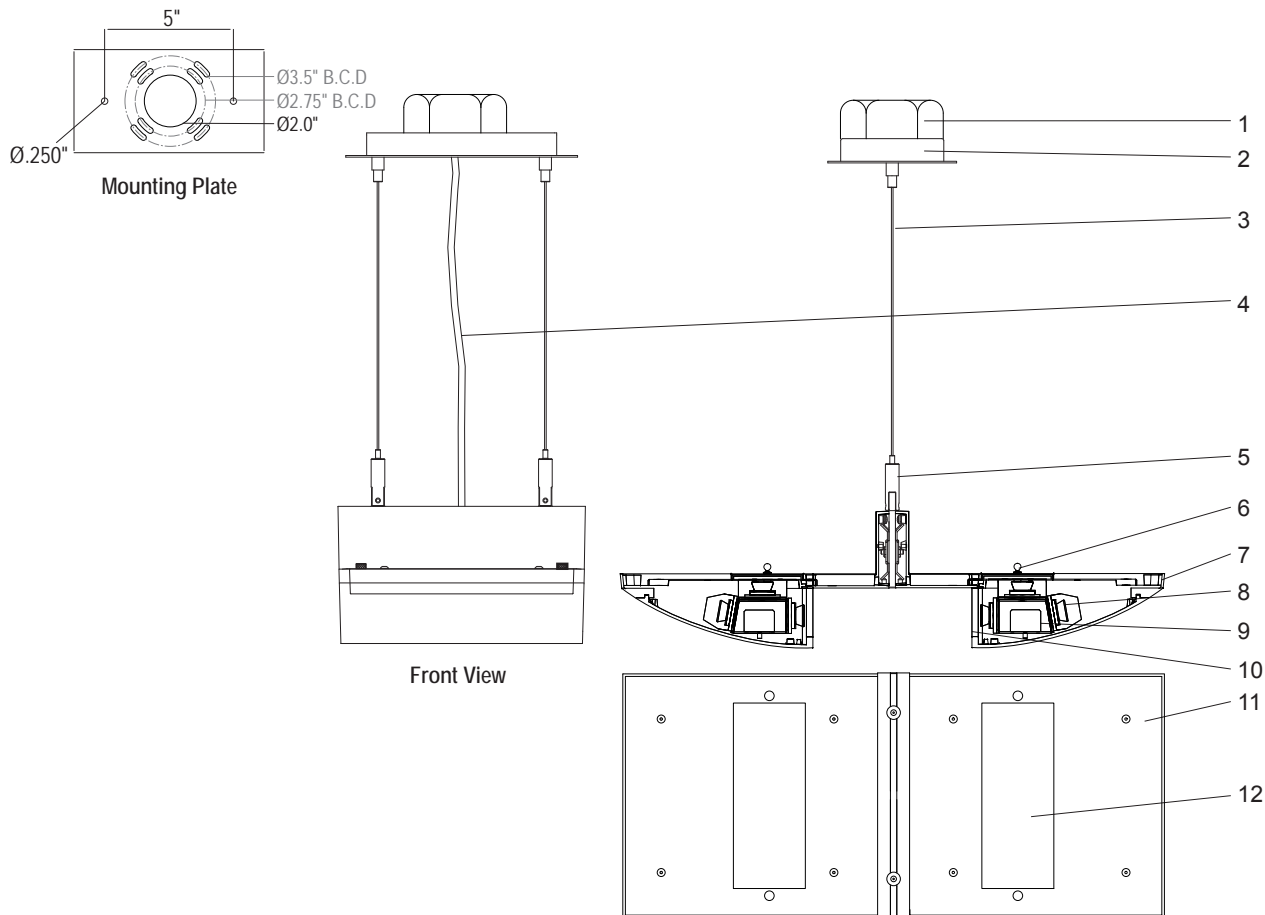
MODEL	LAMP	COLOR TEMPERATURE	VOLT	COLOUR
6032Z2P	2x10L 8 x 1.2w 285 lumens+ per head	30 3000K	120* 277	WT white texture BT black texture SM silver metallic AN aluminum natural BZ bronze GM gunmetal WS white satin BM black matte RAL specify no.

*Standard configuration unless otherwise specified +absolute

SAMPLE CATALOG NUMBER: 6032Z2PLED - 2x10L - 30 - 120 - WT

Using this catalog number would order 1 model 6032Z2PLED mini twin pendant uplight sconce with two 10 watt LED modules at 3000K wired to 120 volts, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Housing: Pressure die cast aluminum. Light reveal: Frost acrylic. Lens: Prismatic glass - industrex.</p> <p>Electrical Components LED - 120 volt supply integral drive. Constant current LED board: Aluminum core with thermal interface heat sink.</p>	<p>The 6032Z2PLED is designed for aircraft cable and cabtire suspension - twin aircraft cable is terminated in gripper with safety nut.</p>	<p>The 6032Z2PLED luminaire provides mainly uplight. An evenly lighted nose reveal provides a unique feature. Downlight spill is provided by center vertical apertures.</p>	<p>The 6032Z2PLED is listed for use in damp/dry locations to UL and CSA standards.</p>



Streamline Sconce 6032Z2PLED Detailed Product Description

- | | | | |
|---|---------------------------------------|----|---------------------------------|
| 1 | 4" Recessed Octagon J-Box (By Others) | 7 | Light Reveal - Acrylic |
| 2 | Surface Wiring Canopy | 8 | LED Module with Spread Lens (3) |
| 3 | Aircraft Cable Ø.063" | 9 | Driver - Constant Current |
| 4 | Flexible Power Cable | 10 | Rear Glass Lens - Industrex |
| 5 | Cable Hangers | 11 | Top Cover with Captive Hardware |
| 6 | Thumb Screws | 12 | Glass - Top, Industrex Lens |

Detailed Module Description

Ratings are IESNA LM - 79 - 2008

Rebelle Architectural Lighting

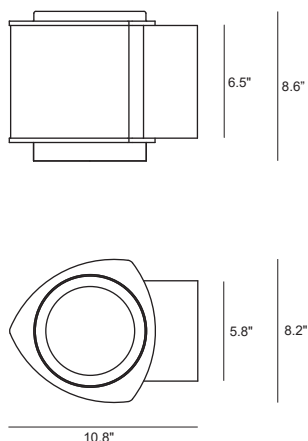
Light output (lumens) _____ 313
 Watts _____ 9.6
 Lumens per watt (Efficacy) _____ 33
 Color accuracy (CRI) _____ 90
 Correlated color temperature (CCT) _____ 3000K

Projected Life Date - based on LM - 80 data published by Philips Lumileds - Luxeon Rebel LEDs

Recommended Ambient Temperature Range - 40°C to +35°C

L70 = > 70,000 hours @ 35°C ambient.

Driver Case Temperature @ 35°C ambient, 78°C (Max. 90°C)



CYL-003 7010LED Wall Up/Down Light

INTERIOR/EXTERIOR

MODEL	SINGLE MODULE		COLOR TEMPERATURE		VOLT	OPTICS DOWN		OPTIONS			COLOUR		
7010	1x12L	1 x 12W 1500 lumens²	40*	4000K	120*	SP	spot (8°)	DIM³	dimming driver (0-10 volt)		WT	white texture	
			30	3000K	208	FL	flood (15°)	90¹	high CRI		BT	black texture	
			27	2700K	240	WFL	wide flood (33°)	INV	inverted mount		SM	silver metallic	
					277	VWFL	very wide flood (72°)	EM	emergency battery		AN	aluminum natural	
					347¹	PB⁴	pencil beam (8 watts) 3000K or 4000K only				BZ	bronze	
MODEL	DOUBLE MODULE		COLOR TEMPERATURE		VOLT	OPTICS UP		OPTICS DOWN		OPTIONS		GM	gunmetal
7010	2x12L	2 x 12W 2 x 1500 lumens²	40*	4000K	120*	SP	spot (8°)	SP	spot (8°)	DIM³	dimming driver (0-10 volt)	WS	white satin
			30	3000K	208	FL	flood (15°)	FL	flood (15°)			BM	black matte
			27	2700K	240	WFL	wide flood (33°)	WFL	wide flood (33°)	90¹	high CRI	RAL	specify no.
					277	VWFL	very wide flood (72°)	VWFL	very wide flood	EM	emergency battery (down module only)		
					347¹	PB⁴	pencil beam (8 watts) 3000K or 4000K only		PB⁴	pencil beam (8 watts) 3000K or 4000K only			

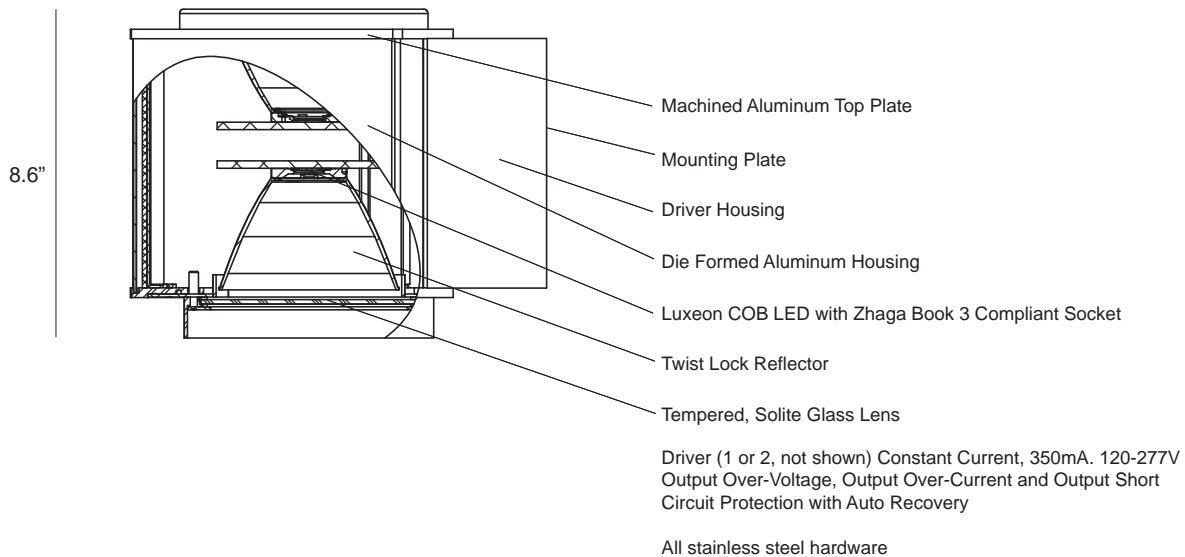
*Standard configuration unless otherwise specified

¹Consult factory ²Delivered (4000K, 80CRI), not applicable to PB ³Dimming not available with pencil beam optic ⁴Pencil beam LED module has a nominal LED power of 8 watts, replaces COB module watts. Not available in 347 volt.

SAMPLE CATALOG NUMBER: 7010 - 2x12L - 40 - 120 - SP/FL - WT

Using this catalog number would order 1 model 7010 wall mount up/down luminaire, with two 12 watt LED modules with a color temperature of 4000K wired to 120 volts with a spot optic up and flood optic down painted white texture powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>Housing / ballast arm: Die formed aluminum. Top / bottom plates: Machined aluminum. Lenses: Solite, tempered glass shield.</p> <p>Electrical Components</p> <p>Driver/Power Supply: 350 mA, Luxeon 1204 COB, TE collar with interchangeable optics (excluding pencil beam option).</p>	<p>The 7010LED series is designed for wall mounting. A heavy gauge mounting plate is secured to the wall and mounted independently of the recessed 4" octagon j-box (by others). The main housing hooks on to the mounting plate and is secured by two stainless steel set screws. Silicone seal is required to seal across the back of the ballast arm and down the sides to exclude moisture from entering the ballast compartment.</p>	<p>The 7010LED uses Chip-on-Board LED modules with Zhaga Book 3 compliant socket and field changeable, high efficiency twist lock reflector.</p>	<p>The 7010LED series is listed for use in wet locations to UL and CSA Standards. L70 minimum at 50,000 hours.</p>

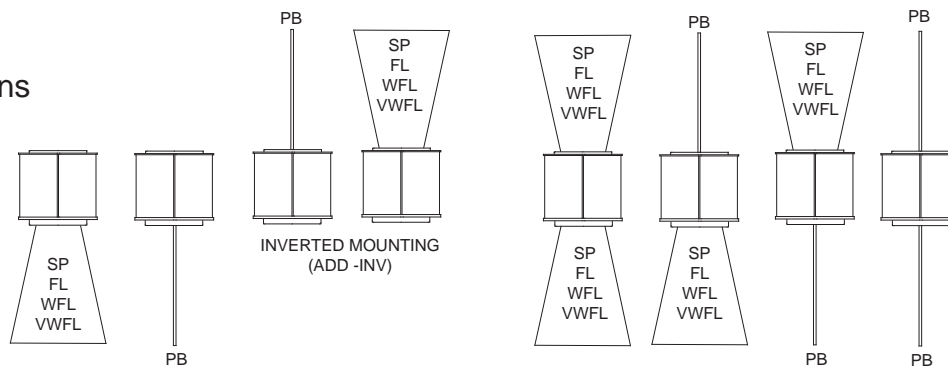


CYL-003 7010LED Detailed Description

Beam Options

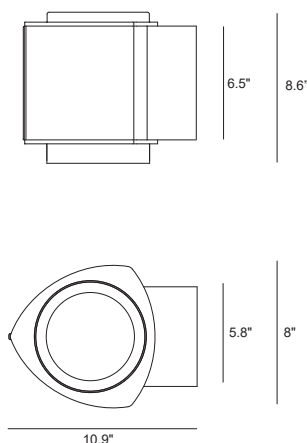
	Beam Type	PB	SP	FL	WFL	VWFL
UP Optic	Beam	Pending	8°	15°	33°	72°
DOWN Optic	Beam	Pending	8°	15°	33°	72°

Beam Configurations



1x12L Single Module Options

2 x 12L Double Module Options



CYL-003 7010LR LED Light Reveal Feature Wall Up/Down Light

INTERIOR/EXTERIOR

MODEL	SINGLE MODULE	COLOR TEMPERATURE	VOLT	OPTICS DOWN	OPTIONS	COLOUR		
7010LR*	1x12L <i>1 x 12W 1500 lumens^{1,2}</i>	40*	4000K	120*	SP spot (8°)	DIM ² dimming driver (0-10 volt)	WT white texture	
		30	3000K	208	FL flood (15°)	90 ² high CRI	BT black texture	
				240	WFL wide flood (33°)	INV inverted mount	SM silver metallic	
				277	VWFL very wide flood (72°)	EM emergency battery	AN aluminum natural	
				PB ³	pencil beam (8 watts) 3000K or 4000K only		BZ bronze	
MODEL	DOUBLE MODULE	COLOR TEMPERATURE	VOLT	OPTICS UP	OPTICS DOWN	OPTIONS		
7010LR*	2x12L <i>2 x 12W 2 x 1500 lumens^{1,2}</i>	40*	4000K	120*	SP spot (8°)	SP spot (8°)	DIM ² dimming driver (0-10 volt)	WS white satin
		30	3000K	208	FL flood (15°)	FL flood (15°)	90 ² high CRI	BM black matte
				240	WFL wide flood (33°)	WFL wide flood (33°)		RAL specify no.
				277	VWFL very wide flood (72°)	VWFL very wide flood	EM emergency battery (down module only)	
				PB ³	pencil beam (8 watts) 3000K or 4000K only	PB ³ pencil beam (8 watts) 3000K or 4000K only		

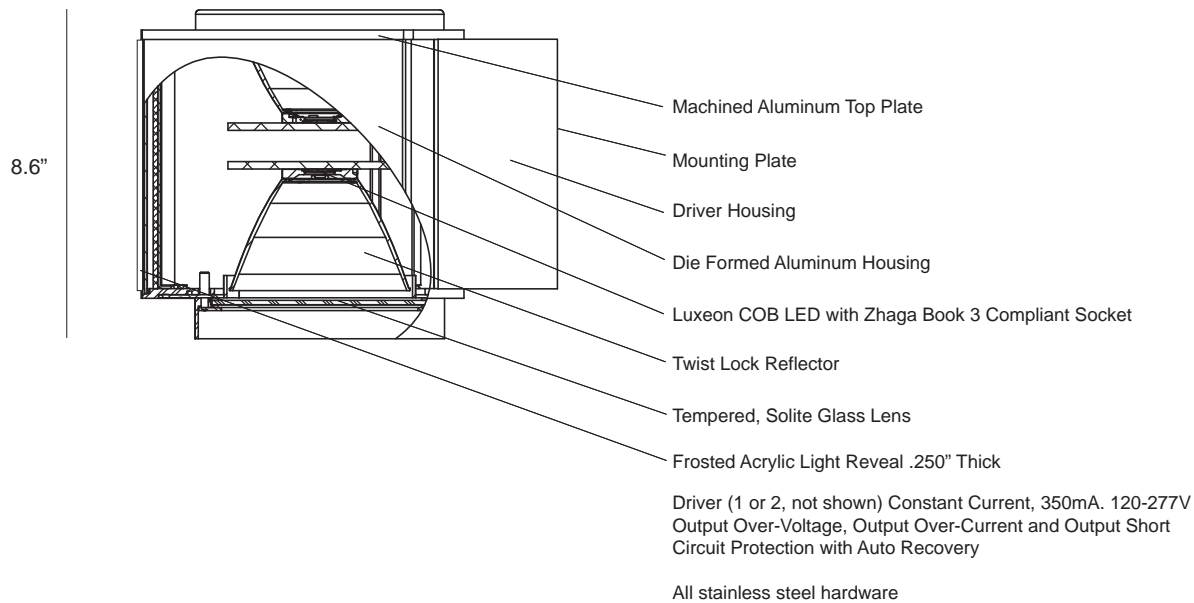
*Standard configuration unless otherwise specified

¹Delivered (80CRI, 4000K) ²Not applicable to PB
³Light Reveal uses a 2 watt LED, when specified with dimming option light reveal is not dimmed

SAMPLE CATALOG NUMBER: 7010LR - 2x12L - 40 - 120 - SP/FL - WT

Using this catalog number would order 1 model 7010LR wall mount up/down luminaire, with two 12 watt LED modules with a color temperature of 4000K wired to 120 volts with a spot optic up and flood optic down painted white texture powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Housing / ballast arm: Die formed aluminum. Top / bottom plates: Machined aluminum. Lenses: Solite, tempered glass shield. Light reveal: Frosted, machined acrylic.</p> <p>Electrical Components Driver/Power Supply: 350 mA, Luxeon 1204 COB, TE collar with interchangeable optics (excluding pencil beam option). Light Reveal illuminated by a 2 watt (300 source lumen) LED board powered by a 350mA constant current driver.</p>	<p>The 7010LR LED series is designed for wall mounting. A heavy gauge mounting plate is secured to the wall and mounted independently of the recessed 4" octagon j-box (by others). The main housing hooks on to the mounting plate and is secured by two stainless steel set screws. Silicone seal is required to seal across the back of the ballast arm and down the sides to exclude moisture from entering the ballast compartment.</p>	<p>The 7010LR LED uses Chip-on-Board LED modules with Zhaga Book 3 compliant socket and field changeable, high efficiency twist lock reflector. Pencil beam module has a nominal LED power of 8 watts, replaces 12 watt COB module.</p>	<p>The 7010LR LED series is listed for use in wet locations to UL and CSA Standards. L70 minimum at 50,000 hours.</p>

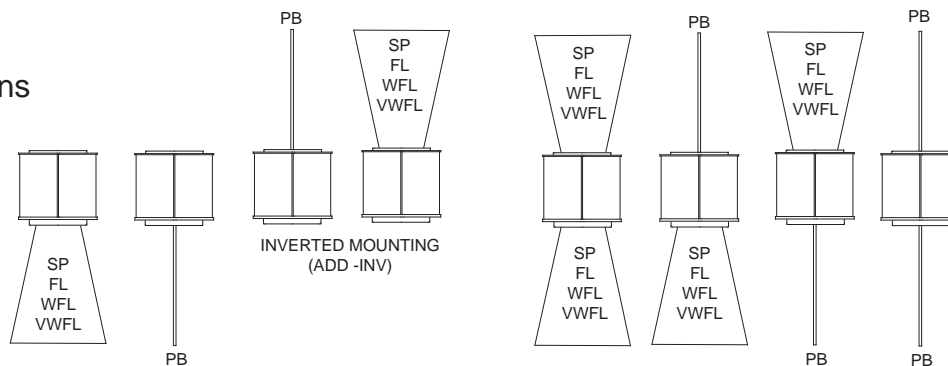


CYL-003 7010LR LED Detailed Description

Beam Options

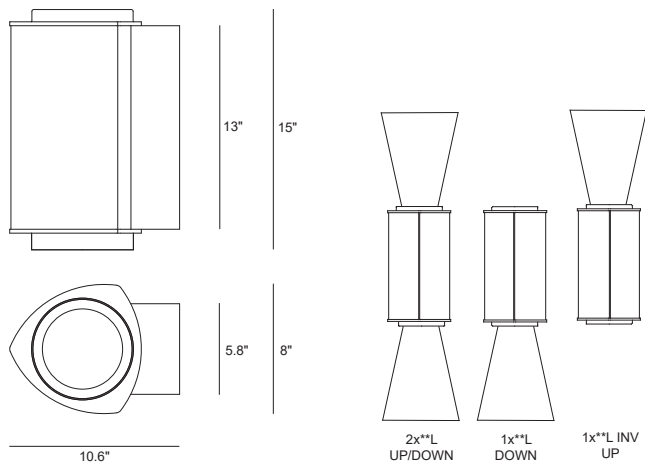
	Beam Type	PB	SP	FL	WFL	VWFL
UP Optic	Beam	Pending	8°	15°	33°	72°
DOWN Optic	Beam	Pending	8°	15°	33°	72°

Beam Configurations



1x12L Single Module Options

2 x 12L Double Module Options



CYL-003 7100LED COB with Twist Lock Optics Wall Mount Up/Down Light

INTERIOR/
EXTERIOR

MODEL	LED	COLOR TEMPERATURE	VOLT	OPTICS UP(2x**L) ³	OPTICS DOWN	OPTIONS	COLOUR
7100	1x12L 1x12w 1500 Lumens*	40* 4000K	120*	SP spot 8° beam angle	SP spot 8° beam angle	DIM dimming driver	WT white texture
	2x12L 2x12w 1500 Lumens*	30 3000K	208	FL flood 15° beam angle	FL flood 15° beam angle	PC photocell control	BT black texture
	1x16L 1x16w 1900 Lumens*	27 2700K	240	WFL wide flood 33° beam angle	WFL wide flood 33° beam angle	90 90 CRI	SM silver metallic
	2x16L 2x16w 1900 Lumens*		277	VWFL very wide flood 72° beam angle	VWFL very wide flood 72° beam angle	INV inverted mount	AN aluminum natural
	1x23L 1x23w 2400 Lumens*		347 ¹			EM integral emergency battery (downlight only)	BZ bronze
	2x23L 2x23w 2400 Lumens*						GM gunmetal
	1x32L 1x32w 3550 Lumens*						WS white satin
	2x32L 2x32w 3550 Lumens*						BM black matte
							RAL specify no.

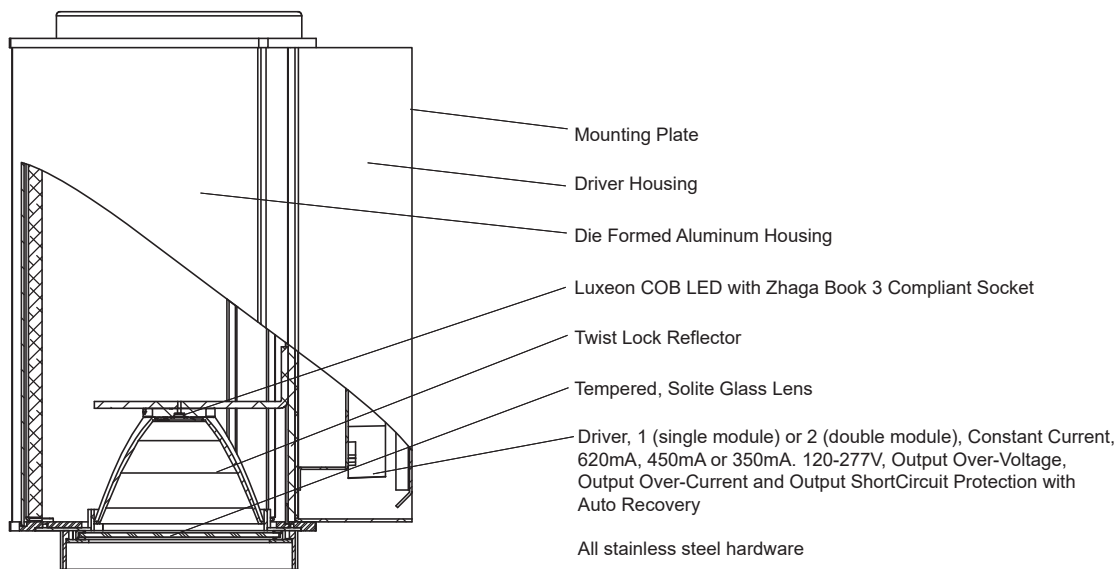
*Standard configuration unless otherwise specified

¹Consult factory ²Delivered per module (4000K, 80CRI) ³ For 2x**L specify UP optic/DOWN optic eg. SP/FL

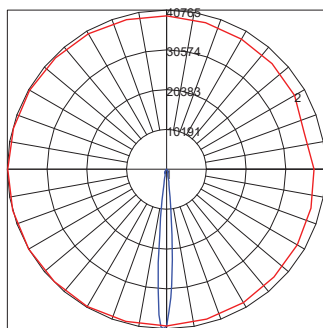
SAMPLE CATALOG NUMBER: 7100 - 2x23L - 40 - 120 - SP/FL - WT

Using this catalog number would order 1 model 7100 wall mount luminaire, with two 4000K 23 watt LED modules wired to 120 volts, 8° spot beam angle up optic and 15° flood beam angle down optic, painted white texture polyester powder coat.

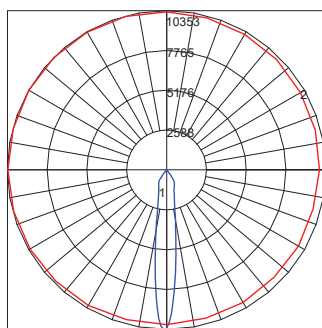
CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Housing / ballast arm: Die formed aluminum. Top / bottom plates: Machined aluminum. Lenses: Solite, tempered glass shield.</p> <p>Electrical Components Driver/Power Supply: 620mA, 450mA or 350mA driver with Luxeon 1205 COB or 900mA driver with Luxeon 1208 COB. TE collar with interchangeable optics.</p>	<p>The 7100LED series is designed for wall mounting. A heavy gauge mounting plate is secured to the wall and mounted independently of the recessed 4" octagon j-box (by others). The main housing hooks on to the mounting plate and is secured by two stainless steel set screws. Silicone seal is required to seal across the back of the ballast arm and down the sides to exclude moisture from entering the ballast compartment.</p>	<p>The 7100LED utilizes Zhaga Book 3 compliant socket with twist lock optics. Optical reflectors lock to modules for various distributions.</p>	<p>The 7100LED series is listed for use in wet locations to UL and CSA Standards. L70 - 70% lumen maintenance @ 50,000 hours. IP53 ingress protection class. Protected against thermal overload, reversed polarity and incorrect power supply condition.</p>



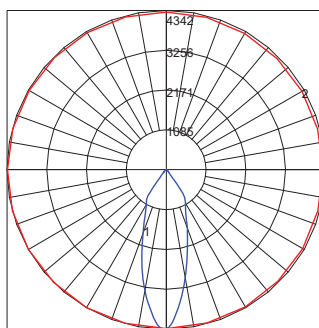
CYL-003 7100LED Detailed Description



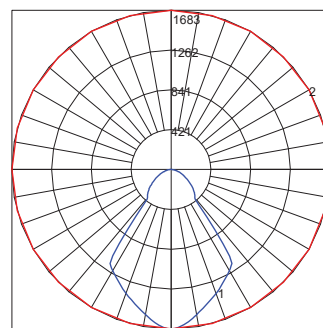
SP (8° Spot Optic)*



FL (15° Flood Optic)*



WFL (33° Wide Flood Optic)*

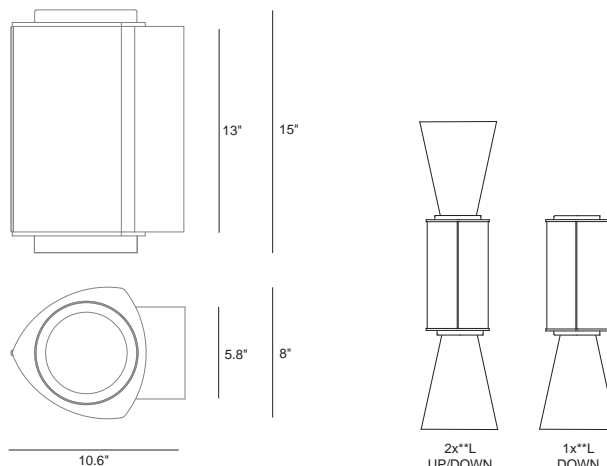


VWFL (72° Very Wide Flood Optic)*

*Typical output based on a single 23 watt LED module (down), 4000K

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt+
7100 - 1 x 12L	4000	80	1500	1 x 12 watts	16 watts	94
7100 - 2 x 12L	4000	80	3000	2 x 12 watts	29 watts	103
7100 - 1 x 16L	4000	80	1900	1 x 16 watts	19 watts	100
7100 - 2 x 16L	4000	80	3800	2 x 16 watts	38 watts	100
7100 - 1 x 23L	4000	80	2400	1 x 23 watts	27 watts	89
7100 - 2 x 23L	4000	80	4800	2 x 23 watts	52 watts	92
7100 - 1 x 32L	4000	80	3550	1 x 32 watts	39 watts	91
7100 - 2 x 32L	4000	80	7100	2 x 32 watts	78 watts	91
Lumen Multipliers		3000K - 0.905		2700K - 0.874		90 CRI - 0.873

+Based on system power.



CYL-003 7100LR LED Light Reveal Feature Wall Mount Up/Down Light

INTERIOR/
EXTERIOR

MODEL	LED	COLOR TEMPERATURE	VOLT	OPTICS UP(2x**L) ²	OPTICS DOWN	OPTIONS	COLOUR
7100LR*	1x12L 1x12W 1500 Lumens ¹ 2x12L 2x12W 1500 Lumens ¹ 1x16L 1x16W 1900 Lumens ¹ 2x16L 2x16W 1900 Lumens ¹ 1x23L 1x23W 2400 Lumens ¹ 2x23L 2x23W 2400 Lumens ¹	40* 4000K 30 3000K	120* 208 240 277	SP spot 8° beam angle flood FL 15° beam angle wide flood WFL 33° beam angle very wide flood 72° beam angle VWFL 72° beam angle	SP spot 8° beam angle flood FL 15° beam angle wide flood WFL 33° beam angle very wide flood 72° beam angle VWFL 72° beam angle	DIM dimming driver (0-10 volt) PC photocell control 90 90 CRI EM emergency battery (downlight only)	WT white texture BT black texture SM silver metallic AN aluminum natural BZ bronze GM gunmetal WS white satin BM black matte RAL specify no.

*Standard configuration unless otherwise specified

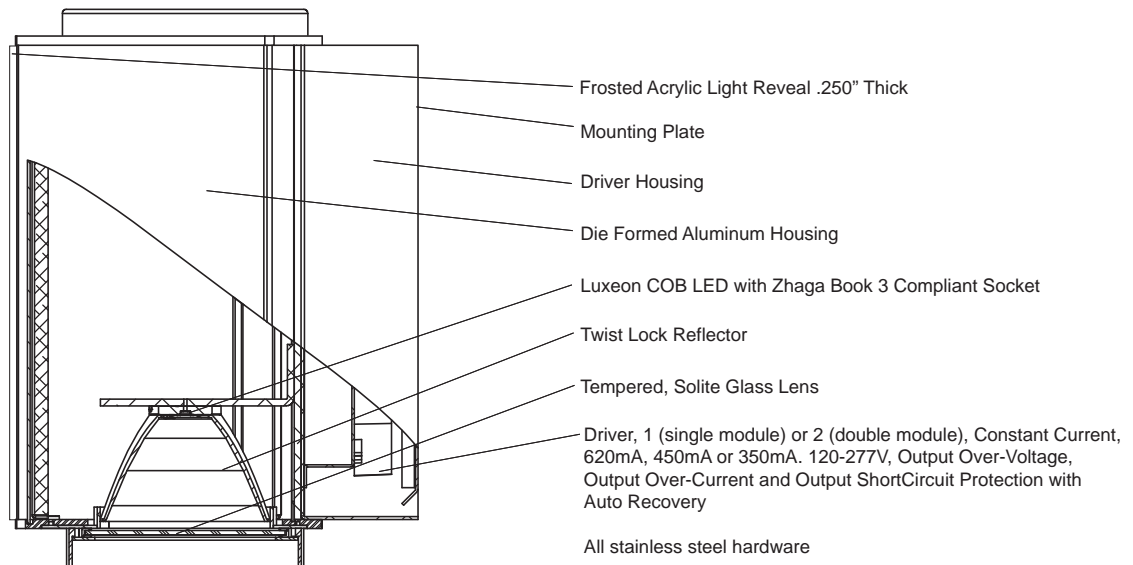
¹Light Reveal uses a 4 watt LED

²Delivered (80 CRI, 4000K) ²For 2x**L specify UP optic/specify DOWN optic eg. SP/FL

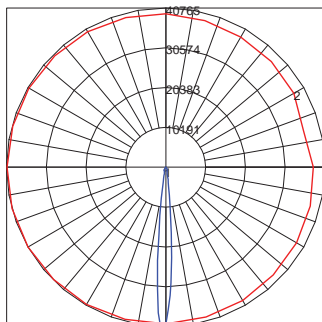
SAMPLE CATALOG NUMBER: 7100LR - 2x23L - 40 - 120 - SP/FL - WT

Using this catalog number would order 1 model 7100LR wall mount luminaire, with two 4000K 23 watt LED modules wired to 120 volts, 8° spot beam angle up optic and 15° flood beam angle down optic, painted white texture polyester powder coat.

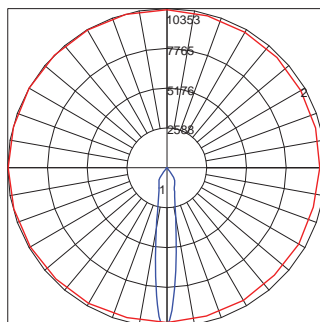
CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Housing / ballast arm: Die formed aluminum. Top / bottom plates: Machined aluminum. Lenses: Solite, tempered glass shield. Light reveal: Frosted, machined acrylic.</p> <p>Electrical Components Driver/Power Supply: 620mA or 450mA driver with Luxeon 1205 COB or 350mA driver with Luxeon 1204 COB. TE collar with interchangeable optics. Light Reveal illuminated by 4 watt (600 source lumens) LED board powered by 350mA constant current driver.</p>	<p>The 7100LR LED series is designed for wall mounting. A heavy gauge mounting plate is secured to the wall and mounted independently of the recessed 4" octagon j-box (by others). The main housing hooks on to the mounting plate and is secured by two stainless steel set screws. Silicone seal is required to seal across the back of the ballast arm and down the sides to exclude moisture from entering the ballast compartment.</p>	<p>The 7100LR LED utilizes Zhaga Book 3 compliant socket with twist lock optics. Optical reflectors lock to modules for various distributions.</p>	<p>The 7100LR LED series is listed for use in wet locations to UL and CSA Standards. L70 - 70% lumen maintenance @ 50,000 hours. IP53 ingress protection class. Protected against thermal overload, reversed polarity and incorrect power supply condition.</p>



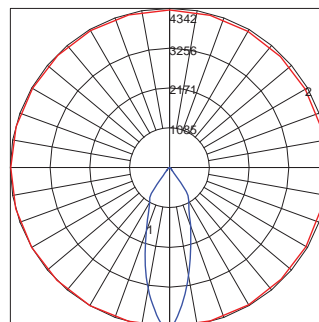
CYL-003 7100LR LED Detailed Description



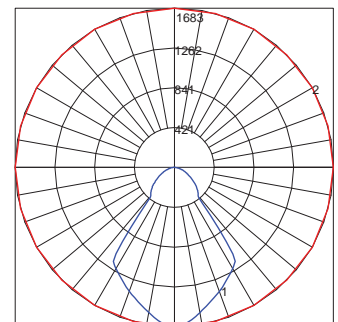
SP (8° Spot Optic)*



FL (15° Flood Optic)*



WFL (33° Wide Flood Optic)*

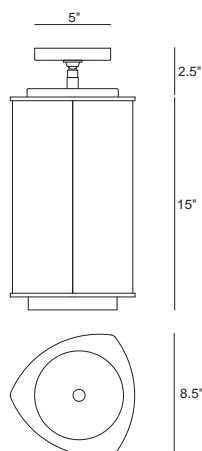


VWFL (72° Very Wide Flood Optic)*

*Typical output based on a single 23 watt LED module (down), 4000K

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt+
7100LR - 1 x 12L	4000	80	1500	1 x 12 watts	16 watts	94
7100LR - 2 x 12L	4000	80	3000	2 x 12 watts	29 watts	103
7100LR - 1 x 16L	4000	80	1900	1 x 16 watts	19 watts	100
7100LR - 2 x 16L	4000	80	3800	2 x 16 watts	38 watts	100
7100LR - 1 x 23L	4000	80	2400	1 x 23 watts	27 watts	89
7100LR - 2 x 23L	4000	80	4800	2 x 23 watts	52 watts	92
Lumen Multipliers		3000K - 0.905	2700K - 0.874	90 CRI - 0.873		

+Based on system power.



CYL-003 7200LED COB with Twist Lock Optics Ceiling Mount Downlight

INTERIOR

MODEL	LED	COLOR TEMPERATURE		VOLT	OPTICS		MOUNTING		OPTIONS		COLOUR				
7200	1x16L	1x16W	40*	4000K	120*	SP	spot	SW*	hangstraight swivel mount +/- 5°	WL	wet location listing	WT	white texture		
		1900 Lumens²	30	3000K	208	FL	flood					BT	black texture		
	1x23L	1x23W	27	2700K	240	WFL	15° beam angle wide flood	C86	ball aligner hanger mount +/- 45°	DIM	dimming driver	SM	silver metallic		
		2400 Lumens²	277		33° beam angle							AN	aluminum natural		
	1x32L	1x32W	3550 Lumens²	347¹	VWFL	very wide flood 72° beam angle				90	high CRI	BZ	bronze		
													EM³	integral emergency battery	GM
WS													white satin		
											BM	black matte			
												RAL	specify no.		

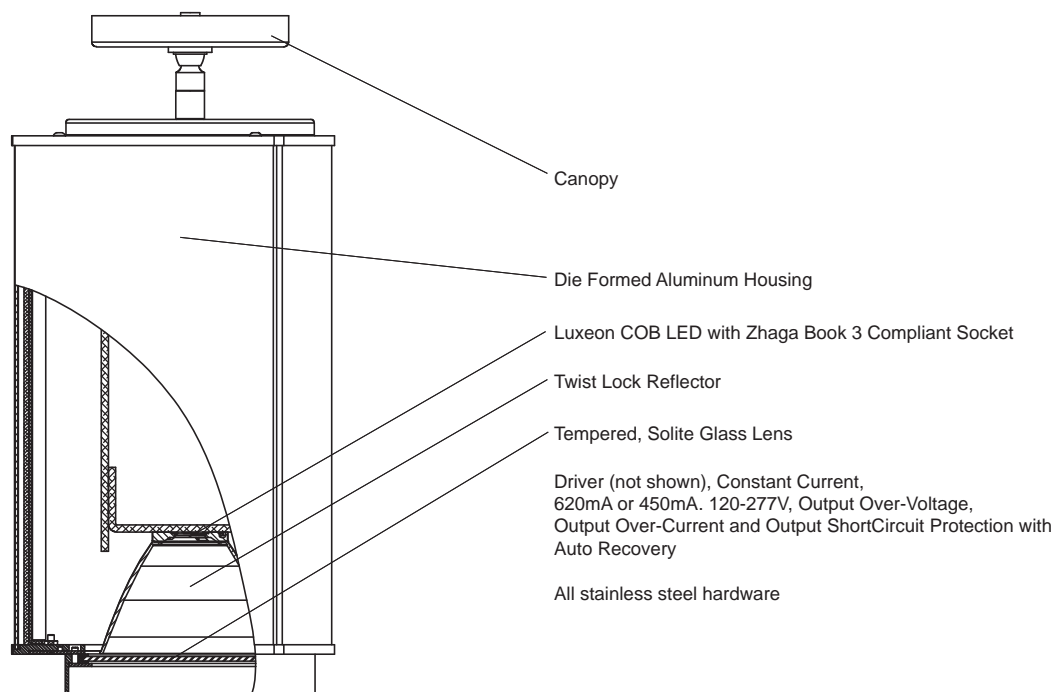
*Standard configuration unless otherwise specified

¹Consult factory ²Delivered (4000K, 80 CRI) ³Must be specified with C86 option

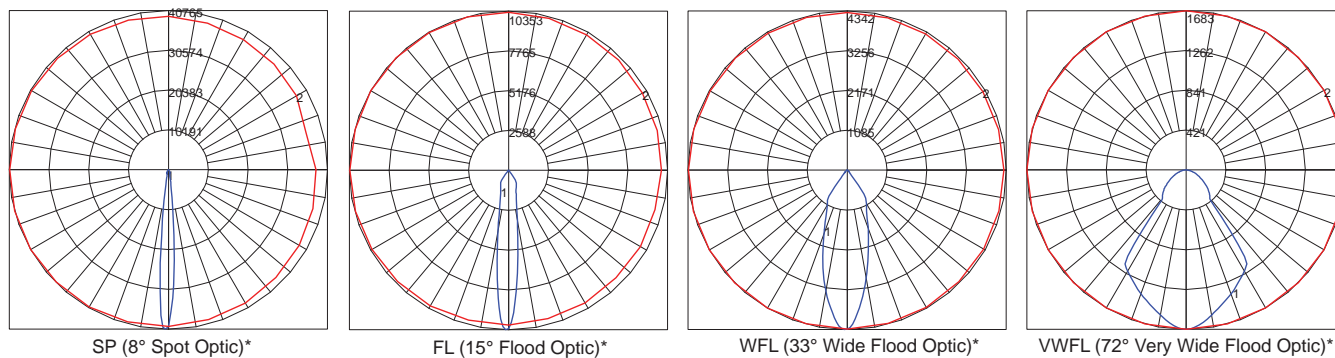
SAMPLE CATALOG NUMBER: 7200 - 1x16L - 40 - 120 - FL - SW - WT

Using this catalog number would order 1 model 7200 ceiling mount downlight luminaire, with a 4000K, 16 watt LED module wired to 120 volts, 15° flood beam and a +/- 5° hangstraight swivel, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>Side panels: Die formed aluminum. Top / bottom plates: Machined aluminum. Lens: Solite, tempered glass shield. Hangstraight swivel: Nickel plated, +/- 5°. Canopy: Aluminum.</p> <p>Electrical Components</p> <p>Driver/Power Supply: 620 mA or 450 mA Luxeon 1205 COB or 900mA Luxeon 1208 COB. TE collar with interchangeable optics. 80 CRI, standard.</p>	<p>The 7200LED is designed for ceiling surface mounting. Canopy covers a recessed 4" octagon j-box. A swivel hanger is provided as standard. A 45° hanger is optional. For integral emergency battery the test switch indicator light is mounted to canopy at ceiling. For wet locations luminaire must be restrained from wind action. Special hanger or restraint required (by others).</p>	<p>The 7200LED utilizes "twist and lock" Zhaga collars and modules. Optical reflectors lock to modules for various distributions.</p>	<p>The 7200LED series is listed for use in indoor dry/damp locations to UL and CSA standards. Wet location listing is available as an option.</p>



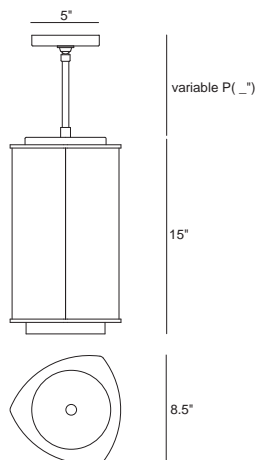
CYL-003 7200LED Detailed Description



*Typical output based on a single 23 watt LED module, 4000K

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt+
7200 - 1 x 16L	4000	80	1900	1 x 16 watts	19 watts	100
7200 - 1 x 23L	4000	80	2400	1 x 23 watts	27 watts	89
7200 - 1 x 32L	4000	80	3550	1 x 32 watts	39 watts	91
Lumen Multipliers		3000K - 0.905		2700K - 0.874		90 CRI - 0.873

+Based on system power.



CYL-003 7200PLED Pendant Mount Downlight

INTERIOR

MODEL	LED	COLOR TEMPERATURE	VOLT	OPTICS	MOUNTING	OPTIONS	COLOUR
7200P	1x16L	1x16W	40*	4000K	120*	SP	spot
		1900 Lumens ²					8° beam angle
			30	3000K	208	FL	flood
	1x23L	1x23W	27	2700K	240	WFL	15° beam angle
		2400 Lumens ²					wide flood
	1x32L	1x32W			277	VWFL	33° beam angle
		3550 Lumens ²			347 ¹		very wide flood
							72° beam angle
						SW*	hangstraight swivel mount +/- 5°
					C86	ball aligner hanger mount +/- 45°	
						WL	wet location listing
						P(_")	pendant length
						DIM	dimming driver
						90	high CRI
						EM ³	integral emergency battery
						WT	white texture
						BT	black texture
						SM	silver metallic
						AN	aluminum natural
						BZ	bronze
						GM	gunmetal
						WS	white satin
						BM	black matte
						RAL	specify no.

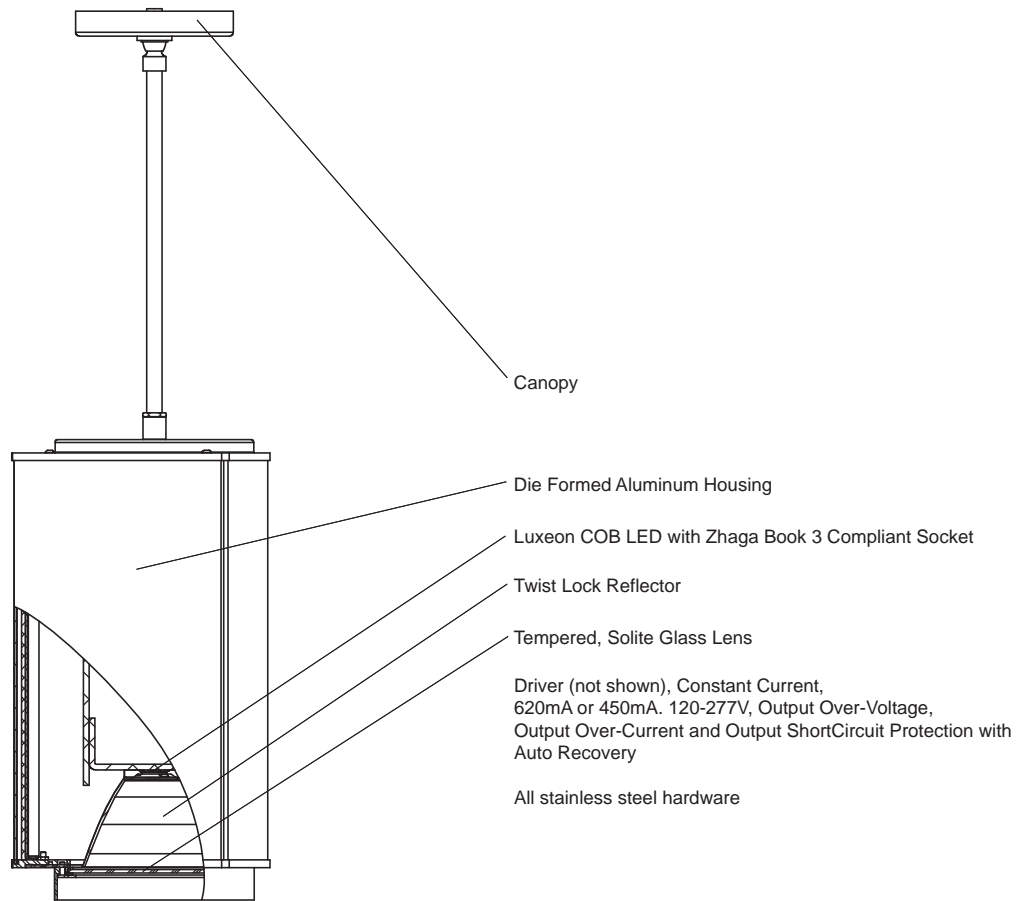
*Standard configuration unless otherwise specified

¹Consult factory ²Delivered (4000K, 80 CRI) ³Must be specified with C86 option

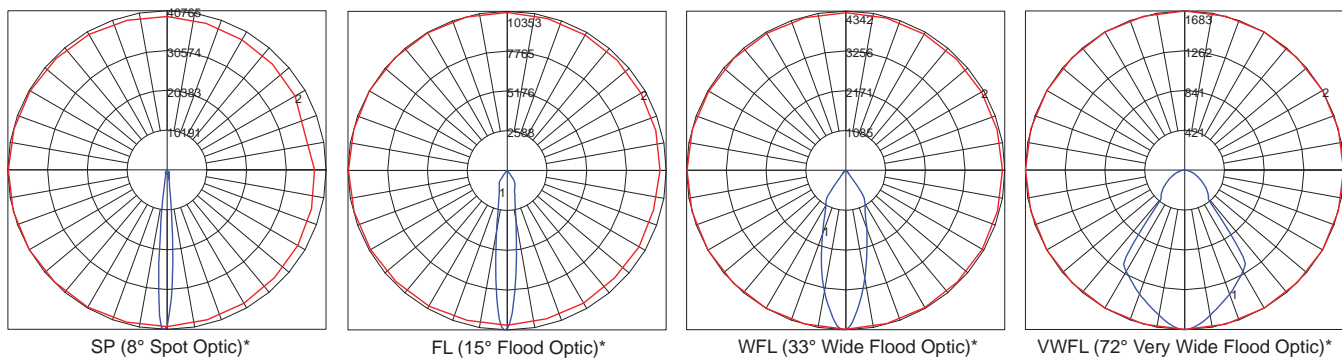
SAMPLE CATALOG NUMBER: 7200P - 1x16L - 40 - 120 - FL - SW - P24 - WT

Using this catalog number would order 1 model 7200P pendant mount downlight luminaire, with a 4000K, 16 watt LED module wired to 120 volts, 15° flood beam optic with a +/- 5° hangstraight swivel and a pendant length of 24", painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>Side panels: Die formed aluminum. Top / bottom plates: Machined aluminum. Lens: Solite, tempered glass shield. Hangstraight swivel: Nickel plated, +/- 5°. Canopy: Aluminum.</p> <p>Electrical Components</p> <p>Driver/Power Supply: 600 mA or 450 mA Luxeon 1205 COB or 900mA Luxeon 1208 COB. 80 CRI, standard. TE collar with interchangeable optics.</p>	<p>The 7200PLED is designed for pendant stem mounting. Canopy covers a recessed 4" octagon j-box. A swivel hanger is provided as standard. A 45° hanger is optional. For integral emergency battery option test switch is located on canopy at ceiling. For wet locations luminaire must be restrained from wind action. Special hanger or restraint required (by others).</p>	<p>The 7200PLED utilizes "twist and lock" Zhaga collars and modules. Optical reflectors lock to modules for various distributions.</p>	<p>The 7200PLED series is listed for use in indoor dry/damp locations to UL and CSA standards. Wet location listing is available as an option.</p>



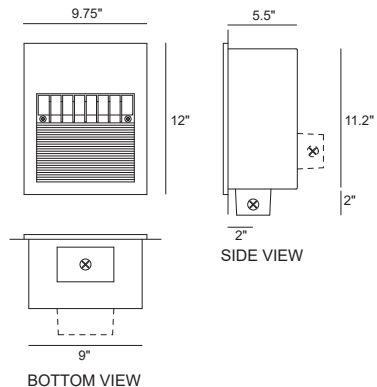
CYL-003 7200PLED Detailed Description



*Typical output based on a single 23 watt LED module, 4000K

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt+
7200P - 1 x 16L	4000	80	1900	1 x 16 watts	19 watts	100
7200P - 1 x 23L	4000	80	2400	1 x 23 watts	27 watts	89
7200P - 1 x 32L	4000	80	3550	1 x 32 watts	39 watts	91
Lumen Multipliers		3000K - 0.905		2700K - 0.874		90 CRI - 0.873

+Based on system power.



Sightlines 1185LED Maxi Step/Path Low Level Area Light

EXTERIOR

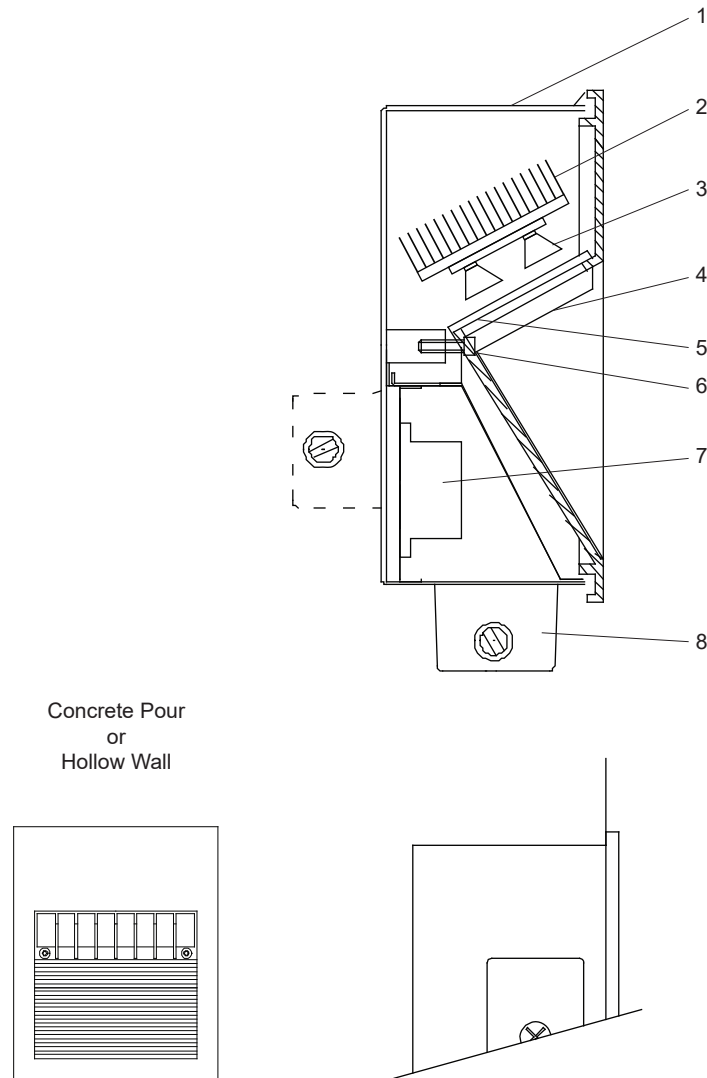
MODEL	LED	COLOR TEMPERATURE	VOLT	OPTIONS	COLOR
1185	15L	40* 4000K	120*	DIM <i>dimming driver 0 - 10 volts</i>	WT <i>white texture</i>
	7L	30 3000K	208	EM <i>emergency battery</i>	BT <i>black texture</i>
			240		SM <i>silver metallic</i>
			277		AN <i>aluminum natural</i>
					BZ <i>bronze</i>
					GM <i>gunmetal</i>
					WS <i>white satin</i>
					BM <i>black matte</i>
					RAL <i>specify no.</i>

*Standard configuration unless otherwise specified ¹ Source lumens

SAMPLE CATALOG NUMBER: 1185 - 15L - 40 - 120 - WT

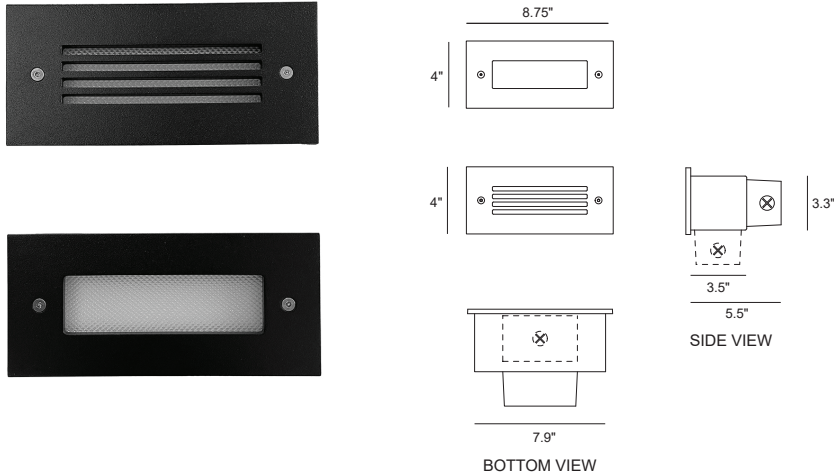
Using this catalog number would order 1 model 1185 low level area light with 40 x 0.28 watt LEDs at 4000K wired to 120 volts with standard bottom mount junction box with 1/2 NPT threads and a faceplate painted with white texture.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Faceplate: Cast aluminum. Housing: .064" aluminum protected with high gloss white polyester powder coat. Lens: Tempered, sealed prismatic (#73) glass. Junction box: Gasketed, die cast aluminum, bottom mounted (field adjustable to rear mount), suitable for through branch circuit conductors, suitable for 90°C. (3) - 1/2 NPT plugs, neoprene rubber gaskets.</p> <p>Electrical components Constants current driver, 450mA (15L), 500mA (7L). LED boards 80 CRI.</p>	<p>The Sightlines 1185LED series is designed for concrete pour installations and hollow wall construction. Units are non IC rated so the insulation, if any, must be kept 3" away from the housing and the housing should have 1/2" clearance all around except at the mounting points/surface. See Installation Instructions on the Rebelle website for further details. Conduits must be sealed against water entry into the fixture housing as outlined in the National Electric Code.</p>	<p>The Sightlines 1185LED series is a large scale recessed pathway light. Mounting heights vary but 3' to 4' from grade is normal. LED boards are recessed in the faceplate with integral louvers shielding the source.</p>	<p>The Sightlines 1185LED series is listed for use in wet locations within four feet of the ground to CSA and UL standards. Conduit must be sealed to exclude water from entering the housing.</p>



Sightlines 1185LED Detailed Product Description

- | | |
|---|--|
| <p>1 Housing .064" Aluminum Protected with White Polyester Powder Coat</p> <p>2 Heatsink</p> <p>3 LED Modules</p> <p>4 Cast Aluminum Louvered, Gasketed Faceplate</p> | <p>5 Tempered and Sealed Prismatic Glass Lens</p> <p>6 (2) 1/4 - 20 Stainless Steel Hex Socket Cap Screws - Captive</p> <p>7 Driver - Constant Current, IP66</p> <p>8 Junction Box - Suitable for 4 No. 12 AWG Through Branch Circuit Conductors Suitable for 90°C.
(3) - 1/2 NPT Plugs, Neoprene Rubber Gaskets, Bottom Mount Standard (Field Adjustable to Rear Mount)</p> |
|---|--|



Sightlines 1635LED Mini Step/Path Low Level Area Light

EXTERIOR

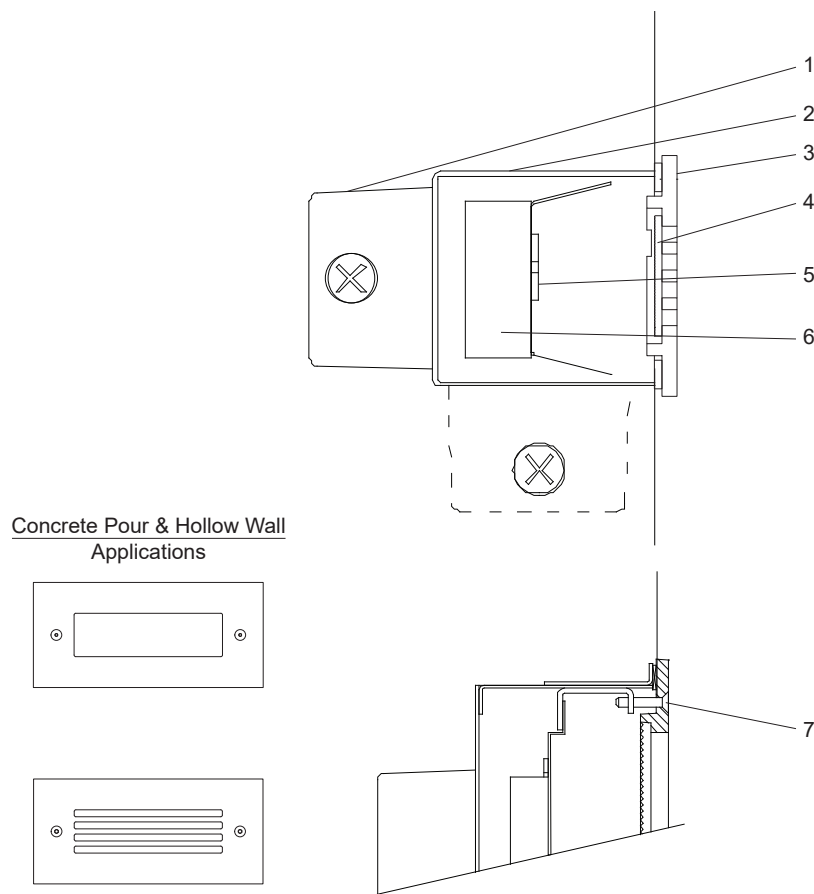
MODEL	LED		COLOR TEMPERATURE	VOLT	FACEPLATE	J-BOX LOCATION	OPTIONS	COLOR	
1635	7L	20 x 0.21 watts 600 lumens ¹	40*	4000K	120*	LV* slotted	RJB* rear mount j-box	DIM dimming (0-10V)	WT white texture
			30	3000K	208	PR open	BJB bottom mount j-box		BT black texture
					240				SM silver metallic
					277				AN aluminum natural
									BZ bronze
									GM gunmetal
									WS white satin
									BM black matte

*Standard configuration unless otherwise specified ¹ Source lumens

SAMPLE CATALOG NUMBER: 1635 - 7L - 40 - 120 - PR - RJB - WT

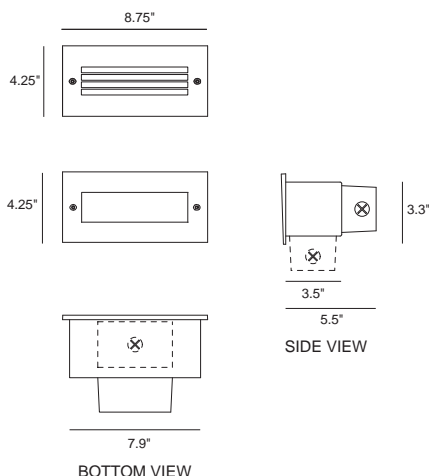
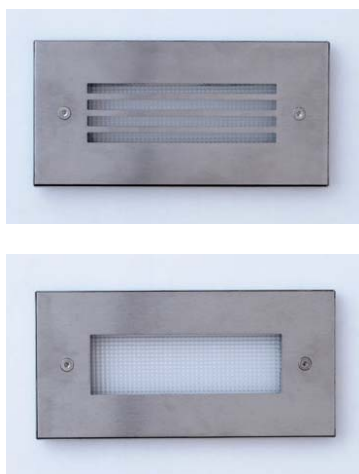
Using this catalog number would order 1 model 1635 low level area light with 20 x 0.21 watt LEDs with a color temperature of 4000K wired to 120 volts with a standard rear mount junction box and an open faceplate painted with white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>Faceplate: Cast aluminum. Housing: .064" aluminum protected with high gloss white polyester powder coat. Reflector: High gloss white, formed aluminum. Lens: Open - Tempered, sealed prismatic glass. Slotted - Prismatic polycarbonate. Junction box: Gasketed, die cast aluminum, rear mounted, suitable for through branch circuit conductors, suitable for 90°C. (3) - 1/2 NPT plugs, neoprene rubber gaskets.</p> <p>LED driver: Constant current, 350mA. LED boards >82 CRI.</p>	<p>The Sightlines 1635LED series is designed for concrete pour installations and hollow wall construction in compact fluorescent versions. Units are non IC rated so the insulation, if any, must be kept 3" away from the housing and the housing should have 1/2" clearance all around except at the mounting points/surface. See Installation Instructions on the Rebelle website for further details. Conduits must be sealed against water entry into the fixture housing as outlined in the National Electric Code.</p>	<p>The Sightlines 1635LED units are offered with slotted or open faceplates. A white polyester powder coated reflector directs light output. Reflector is sealed behind faceplate assembly so that water and other contaminants are excluded.</p>	<p>The Sightlines 1635LED series is listed for use in wet locations within four feet of the ground to CSA and UL standards. Conduit must be sealed to exclude water from entering the housing.</p>



Sightlines 1635LED Detailed Product Description

- | | |
|---|--|
| <p>1 Junction Box - Suitable for 4 No. 12 AWG Through Branch Circuit Conductors Suitable for 90°C. (3) -1/2 NPT Plugs, Neoprene Rubber Gaskets, Rear Mount Standard</p> <p>2 Recessed Housing - .064" Aluminum Protected with White Polyester Powder Coat</p> <p>3 Cast Aluminum Face Plate - Gasketed</p> <p>4 Lens - Prismatic Polycarbonate Standard or Prismatic Tempered Glass "PR" Option</p> | <p>5 LED Module</p> <p>6 LED Driver - Constant Current</p> <p>7 (2) Stainless Steel, Cap Screw - Captive</p> |
|---|--|



Sightlines 1635SSLED Mini Step/Path Low Level Area Light EXTERIOR

MODEL	LED	COLOR TEMPERATURE	VOLT	FACEPLATE	J-BOX LOCATION	OPTIONS	COLOR
1635SS	7L 20 x 0.21 watts 600 lumens ¹	40* 4000K 30 3000K	120* 208 240 277	LV* slotted PR open	RJB* rear mount j-box BJB bottom mount j-box	DIM dimming (0-10V)	SS <i>Stainless steel requires periodic maintenance to remove dirt and contaminants, similar to household stainless items.</i>

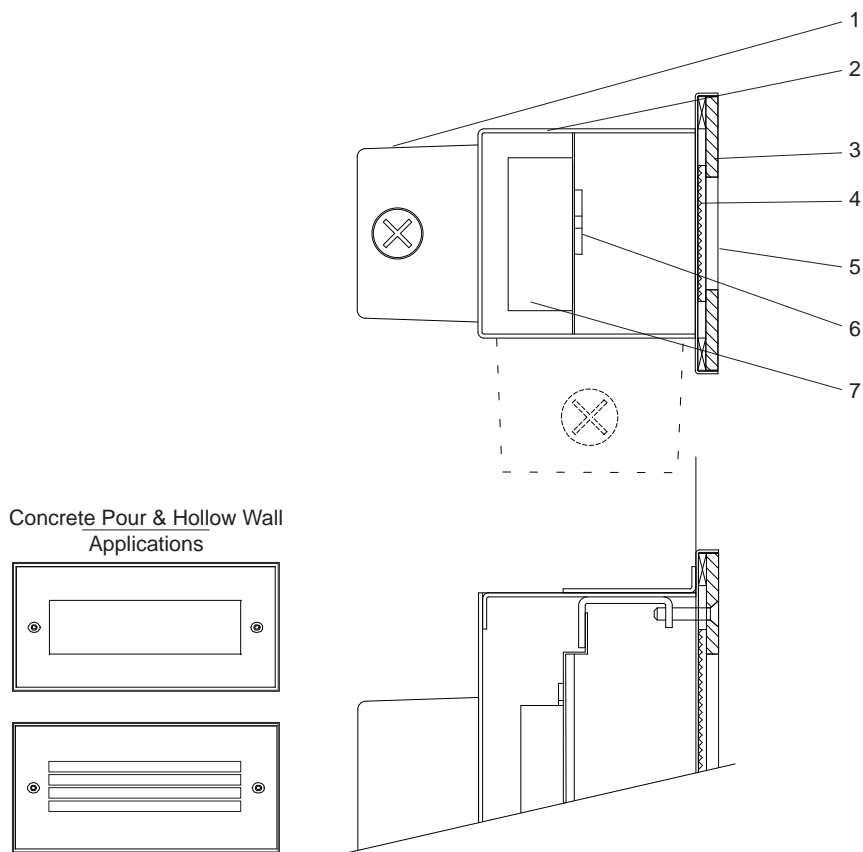
*Standard configuration unless otherwise specified

¹ Source lumens

SAMPLE CATALOG NUMBER: 1635SS - 7L - 40 - 120 - LV - RJB

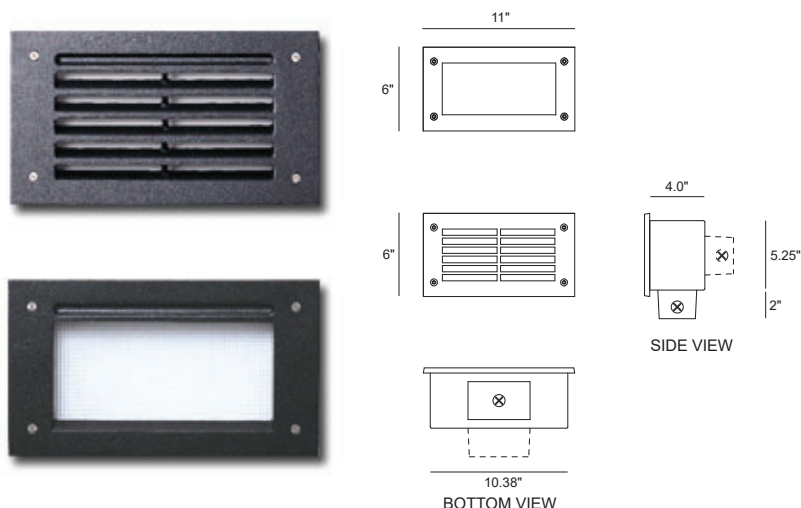
Using this catalog number would order 1 model 1635SS low level area light with 20 x 0.21 watt LEDs with a color temperature of 4000K wired to 120 volts with a standard rear mount junction box and a slotted stainless steel faceplate.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Faceplate: Stainless steel, #4 brushed finish. Housing: .064" aluminum protected with high gloss white polyester powder coat. Reflector: High gloss white, formed aluminum. Lens: Open - Tempered, sealed prismatic glass. Louvered - Prismatic polycarbonate. Junction box: Gasketed, die cast aluminum, rear mounted, suitable for through branch circuit conductors, suitable for 90°C. (3) - 1/2 NPT plugs, neoprene rubber gaskets.</p> <p>LED driver. Constant current, 350mA. LED boards >82 CRI.</p>	<p>The Sightlines 1635SSLED series is designed for concrete pour installations and hollow wall construction in compact fluorescent versions. Units are non IC rated so the insulation, if any, must be kept 3" away from the housing and the housing should have 1/2" clearance all around except at the mounting points/surface. See Installation Instructions on the Rebelle website for further details. Conduits must be sealed against water entry into the fixture housing as outlined in the National Electric Code.</p>	<p>The Sightlines 1635SSLED units are offered with slotted or open faceplates. A white polyester powder coated reflector directs light output. Reflector is sealed behind faceplate assembly so that water and other contaminants are excluded.</p>	<p>The Sightlines 1635SSLED series is listed for use in wet locations within four feet of the ground to CSA and UL standards. Conduit must be sealed to exclude water from entering the housing.</p>



Sightlines 1635SSLED Detailed Product Description

- | | |
|--|--|
| <p>1 Junction Box - Suitable for 4 No. 12 AWG Through Branch Circuit Conductors Suitable for 90°C. (3) - 1/2 NPT Plugs, Neoprene Rubber Gaskets, Back Mount Standard</p> <p>2 Recessed Housing - .064" Aluminum Protected with White Polyester Powder Coat</p> <p>3 Stainless Steel Face Plate - Gasketed with Enclosure Trim</p> <p>4 Lens - Prismatic Polycarbonate Standard or Prismatic Tempered Glass "PR" Option</p> | <p>5 (2) Stainless Steel, Cap Screw - Captive</p> <p>6 LED Module</p> <p>7 LED Driver - Constant Current</p> |
|--|--|



Sightlines 1645LED Midi Step/Path Low Level Area Light

EXTERIOR

MODEL	LED	COLOR TEMPERATURE	VOLT	FACEPLATE	OPTIONS	COLOR	
1645	15L	40 x 0.28 watts 1580 lumens¹	40* 4000K	120*	LV* louvered	FS fuse kit	WT white texture
		7L	20 x 0.30 watts 825 lumens¹	30 3000K	208	PR open	DIM dimming driver (0-10 volt)
	240				EM emergency battery	SM silver metallic	
	277					AN aluminum natural	
						BZ bronze	
						GM gunmetal	
						WS white satin	
						BM black matte	
				RAL specify no.			

*Standard configuration unless otherwise specified

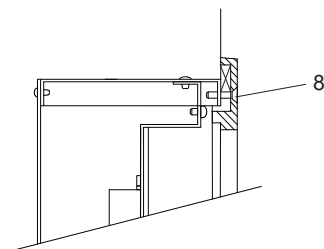
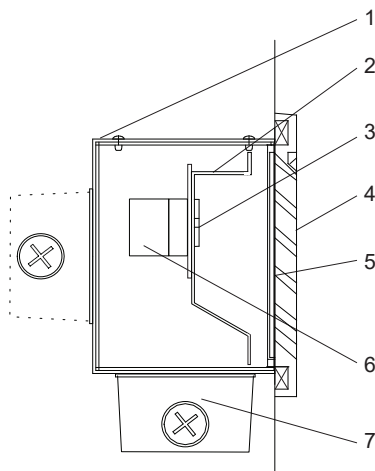
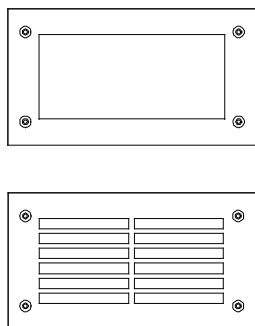
¹ Source lumens

SAMPLE CATALOG NUMBER: 1645 - 15L - 40 - 120 - LV - WT

Using this catalog number would order 1 model 1645 low level area light with 40 x 0.28 watt LEDs with a color temperature of 4000K wired to 120 volts and a louvered faceplate painted with white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Faceplate: Cast aluminum. Housing: .064" aluminum protected with high gloss white polyester powder coat. Reflector: High gloss white, formed aluminum. Lens: Prismatic polycarbonate. Junction box: Gasketed, die cast aluminum, bottom mounted (field adjustable to rear mount) suitable for through branch circuit conductors, suitable for 90°C. (3) - 1/2 NPT plugs, neoprene rubber gaskets.</p> <p>LED driver: constant current, IP64. LED boards > 80 CRI.</p>	<p>The Sightlines 1645LED series is designed for concrete pour installations and hollow wall construction. Units are non IC rated so the insulation, if any, must be kept 3" away from the housing and the housing should have 1/2" clearance all around except at the mounting points/surface. See Installation Instructions on the Rebelle website for further details. Conduits must be sealed against water entry into the fixture housing as outlined in the National Electric Code.</p>	<p>The Sightlines 1645LED are designed to be mounted within 1' to 2' of the ground or floor level. The faceplate is provided in a louvered style to eliminate glare and provide illumination on paths, aisles and stairs. An open face with a prismatic glass lens is available for areas that require higher intensity levels. LED output is maximized with a reflector system. The reflector system is sealed against the ingress of water and other contaminants.</p>	<p>The Sightlines 1645LED series is listed for use in wet locations within four feet of the ground to CSA and UL standards. Reported L70 > 50,000 hours.</p>

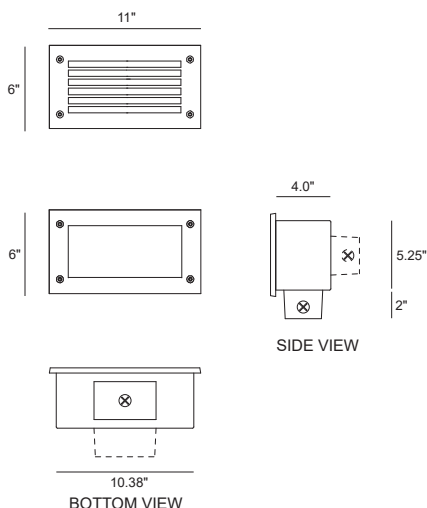
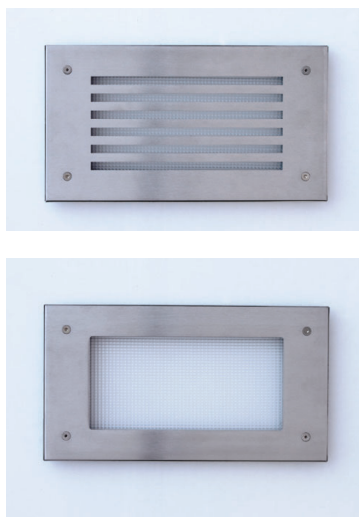
Concrete Pour & Hollow Wall
Applications



Sightlines 1645LED

Detailed Product Description

- | | |
|--|--|
| <p>1 Housing .064" Aluminum Protected with White Polyester Powder Coat</p> <p>2 Reflector - High Gloss White - .036" Thick</p> <p>3 LED Module</p> <p>4 Cast Aluminum, Gasketed Face Plate</p> <p>5 Sealed Prismatic Polycarbonate Lens - .125" Thick or Prismatic Tempered Glass Lens "PR" Option</p> | <p>6 LED Driver - Constant Current IP64</p> <p>7 Junction Box - Suitable for 4 No. 12 AWG Through Branch Circuit Conductors Suitable for 90°C. (3) - 1/2 NPT Plugs, Neoprene Rubber Gaskets, Bottom Mount Standard (Field adjustable to rear mount)</p> <p>8 (4) Stainless Steel, Cap Screws - Captive</p> |
|--|--|



Sightlines 1645SSLED Midi Step/Path Low Level Area Light EXTERIOR

MODEL	LED	COLOR TEMPERATURE	VOLT	FACEPLATE	OPTIONS	COLOR
1645SS	15L 40 x 0.28 watts 1580 lumens ¹	40* 4000K	120*	LV* slotted	FS fuse kit	SS Stainless steel requires periodic maintenance to remove dirt and contaminants, similar to household stainless items.
	7L 20 x 0.30 watts 825 lumens ¹	30 3000K	208	PR open	DIM dimming driver (0-10 volt)	
			240			
			277			

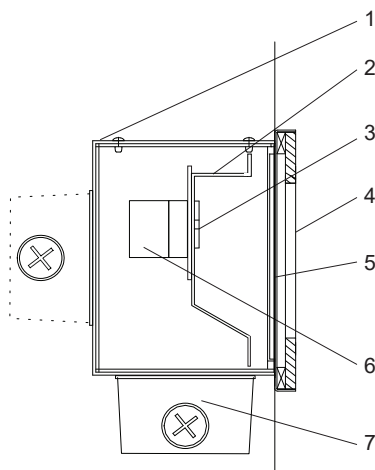
*Standard configuration unless otherwise specified

¹ Source lumens

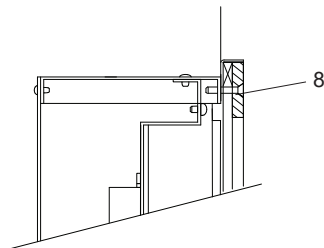
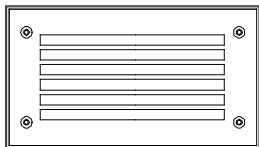
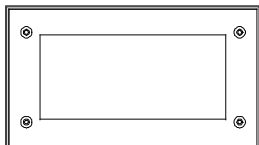
SAMPLE CATALOG NUMBER: 1645SS - 15L - 40 - 120 - LV

Using this catalog number would order 1 model 1645SS low level area light with 40 x 0.28 watt LEDs with a color temperature of 4000K wired to 120 volts and a slotted stainless steel faceplate.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>Faceplate: Stainless steel, #4 brushed finish. Housing: .064" aluminum protected with high gloss white polyester powder coat.</p> <p>Reflector: High gloss white, formed aluminum. Lens: Prismatic polycarbonate. Junction box: Gasketed, die cast aluminum, bottom mounted (field adjustable to rear mount) suitable for through branch circuit conductors, suitable for 90°C. (3) - 1/2 NPT plugs, neoprene rubber gaskets.</p> <p>LED driver: Constant current IP64, LED boards >80 CRI.</p>	<p>The Sightlines 1645SSLED series is designed for concrete pour installations and hollow wall construction. Units are non IC rated so the insulation, if any, must be kept 3" away from the housing and the housing should have 1/2" clearance all around except at the mounting points/surface. See Installation Instructions on the Rebelle website for further details. Conduits must be sealed against water entry into the fixture housing as outlined in the National Electric Code.</p>	<p>The Sightlines 1645SSLED are designed to be mounted within 1' to 2' of the ground or floor level. The faceplate is provided in a slotted style to eliminate glare and provide illumination on paths, aisles and stairs. An open face with a prismatic glass lens is available for areas that require higher intensity levels. The reflector system is sealed against the ingress of water and other contaminants.</p>	<p>The Sightlines 1645SSLED series is listed for use in wet locations within four feet of the ground to CSA and UL standards. Reported L70 > 50,000 hours.</p>

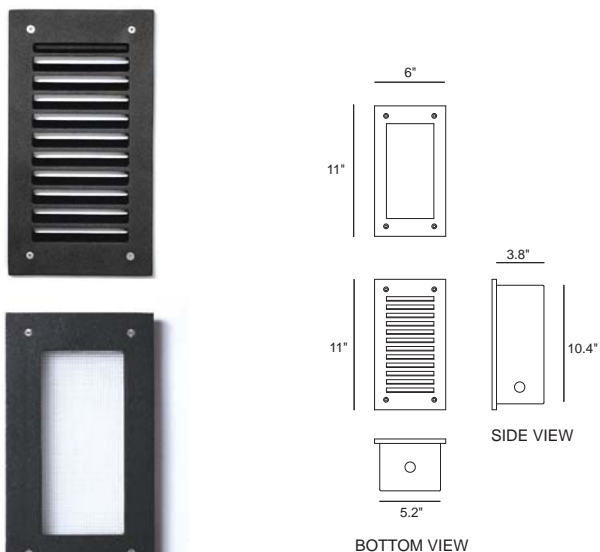


Concrete Pour & Hollow Wall
Applications



Sightlines 1645SSLED Detailed Product Description

- | | |
|--|---|
| <p>1 Housing .064" Aluminum Protected with White Polyester Powder Coat</p> <p>2 Reflector - High Gloss White - .036" Thick</p> <p>3 LED Module</p> <p>4 Stainless Steel, Gasketed Face Plate with Enclosure Trim</p> <p>5 Sealed Prismatic Polycarbonate Lens - .125" Thick or Prismatic Tempered Glass Lens "PR" Option</p> | <p>6 LED Driver - Constant current IP64</p> <p>7 Junction Box - Suitable for 4 No. 12 AWG Through Branch Circuit Conductors Suitable for 90°C. (3) -1/2 NPT Plugs, Neoprene Rubber Gaskets, Bottom Mount Standard (Field adjustable to rear mount)</p> <p>8 (4) Stainless Steel, Cap Screws - Captive</p> |
|--|---|



Sightlines 1645VLED Midi Step/Path Low Level Area Light EXTERIOR

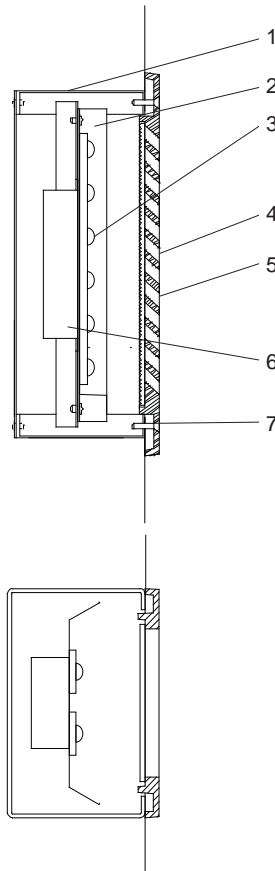
MODEL	LED		COLOR TEMPERATURE	VOLT	FACEPLATE	OPTIONS	COLOUR
1645V	15L	40 x 0.28 watts 1580 lumens¹	40* 4000K	120*	LV* louvered	FS fuse kit	WT white texture
	7L	20 x 0.30 watts 825 lumens¹	30 3000K	208	PR open	DIM dimming driver (0-10 volt)	BT black texture
				240			SM silver metallic
				277			AN aluminum natural
							BZ bronze
							GM gunmetal
							WS white satin
							BM black matte
					RAL specify no.		

*Standard configuration unless otherwise specified ¹Source lumens

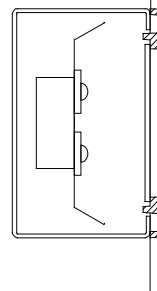
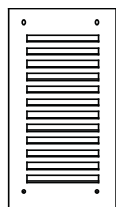
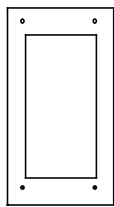
SAMPLE CATALOG NUMBER: 1645V - 15L - 40 - 120 - LV - WT

Using this catalog number would order 1 model 1645V low level area light with 40 X 0.28 watt LEDs with a color temperature of 4000K wired to 120 volts with a louvered faceplate painted with white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>Faceplate: Cast aluminum. Housing: .064" aluminum protected with high gloss white polyester powder coat.</p> <p>Reflector: High gloss white, formed aluminum. Lens: Tempered, sealed prismatic glass or prismatic polycarbonate. Suitable for through branch circuit conductors suitable for 90°C. (2) - 1/2 NPT plugs neoprene rubber gaskets.</p> <p>Driver: Constant current, 460 mA (15L) or 500mA (7L). LED boards >82 CRI.</p>	<p>The Sightlines 1645VLED series is designed for concrete pour installations or hollow wall construction. Units are non IC rated so the insulation, if any, must be kept 3" away from the housing and the housing should have 1/2" clearance all around except at the mounting points/surface. See Installation Instructions on the Rebelle website for further details. Conduits must be sealed against water entry into the fixture housing as outlined in the National Electric Code.</p>	<p>The Sightlines 1645VLED features a vertical orientation louvered or open faceplate. Reflector is high gloss white polyester powder coat. The reflector system is sealed against the ingress of water and other contaminants.</p>	<p>The Sightlines 1645VLED series is listed for use in wet locations within four feet of the ground to CSA and UL standards. Conduit must be sealed to exclude water from entering the housing.</p>

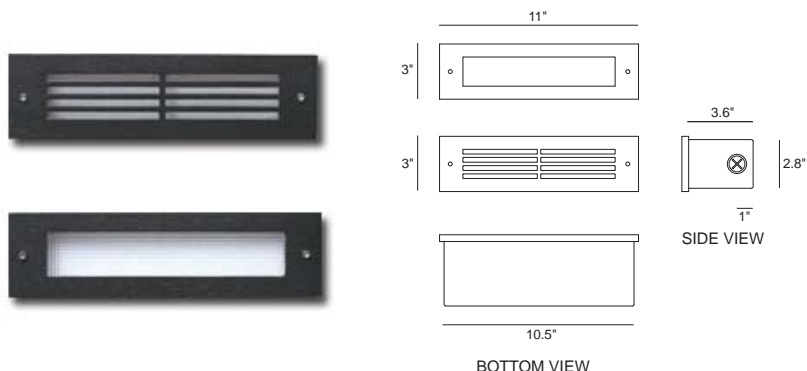


Concrete Pour & Hollow
Wall Applications



Sightlines 1645VLED Detailed Product Description

- | | | | |
|---|---|---|--|
| 1 | Housing .064" Aluminum Protected with White Polyester Powder Coat | 5 | Sealed Prismatic Polycarbonate Lens - .125" Thick or Prismatic Tempered Glass Lens "PR" Option |
| 2 | Reflector - High Gloss White - .036" Thick | 6 | Driver - Constant Current IP66 |
| 3 | LED Light Engine | 7 | (4) Stainless Steel, Cap Screws - Captive |
| 4 | Cast Aluminum, Gasketed Face Plate | | |



Sightlines 2400LED Mini Step/Path Low Level Area Light

EXTERIOR

MODEL	LED		COLOR TEMPERATURE		VOLT	FACEPLATE	OPTIONS		COLOR		
2400	7L	20 x 0.21 watts 600 lumens¹	40*	4000K	120*	LV*	slotted	DIM	dimming driver (0-10 volt)	WT	white texture
			30	3000K	208	PR	open			BT	black texture
					240					SM	silver metallic
					277					AN	aluminum natural
										BZ	bronze
										GM	gunmetal
										WS	white satin
										BM	black matte
									RAL	specify no.	

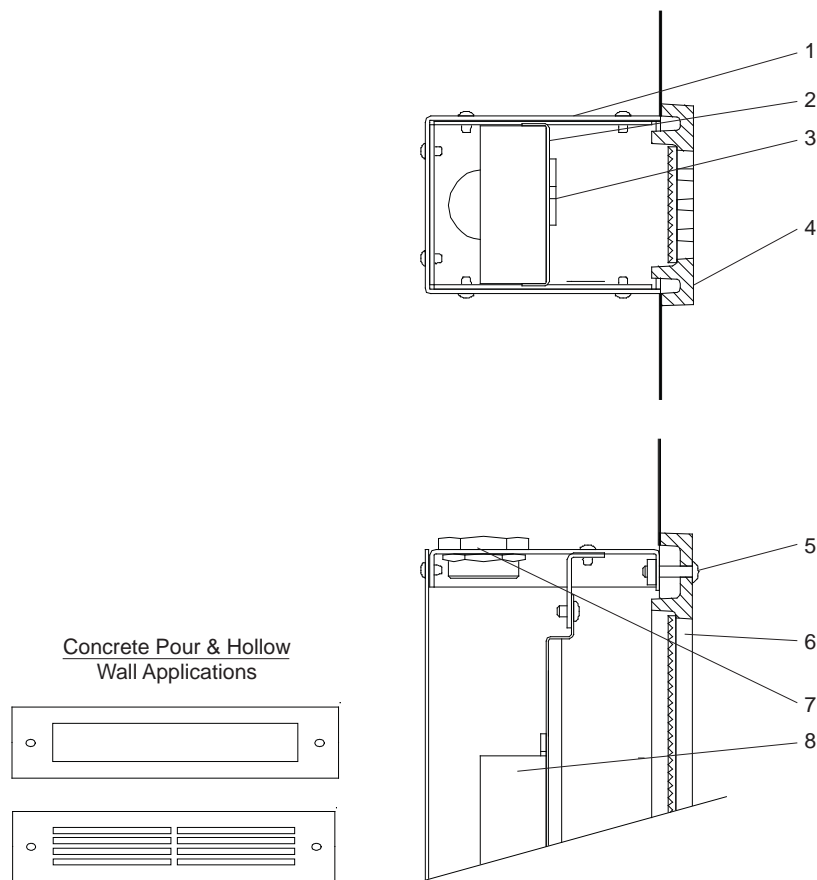
*Standard configuration unless otherwise specified

¹ Source lumens

SAMPLE CATALOG NUMBER: 2400 - 7L - 40 - 120 - LV - WT

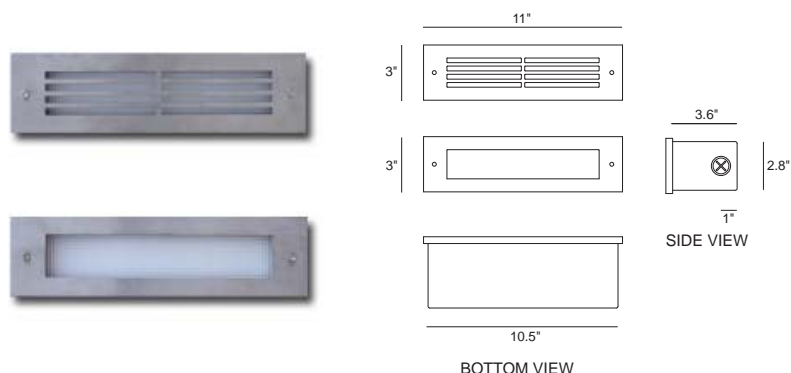
Using this catalog number would order 1 model 2400 low level area light with 20 x 0.21 watt LEDs with a color temperature of 4000K wired to 120 volts and a slotted faceplate painted with white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>Faceplate: Cast aluminum. Housing: .064" aluminum protected with high gloss white polyester powder coat. Reflector: High gloss white, formed aluminum. Lens: Open - Tempered, sealed prismatic glass. Louvered face: Prismatic polycarbonate. Suitable for through branch circuit conductors, suitable for 90°C. (2) - 1/2 NPT plugs, neoprene rubber gaskets.</p> <p>LED driver: Constant current, 350mA. LED boards >82 CRI.</p>	<p>The Sightlines 2400LED series is designed for concrete pour installations and hollow wall construction. Units are non IC rated so the insulation, if any, must be kept 3" away from the housing and the housing should have 1/2" clearance all around except at the mounting points/surface. See Installation Instructions on the Rebelle website for further details. Conduits must be sealed against water entry into the fixture housing as outlined in the National Electric Code.</p>	<p>The Sightlines 2400LED units are offered with slotted or open faceplates. A white polyester powder coated reflector directs light output. Reflector is sealed behind faceplate assembly so that water and other contaminants are excluded.</p>	<p>The Sightlines 2400LED series is listed for use in wet locations within four feet of the ground to CSA and UL standards. Conduit must be sealed to exclude water from entering the housing.</p>



Sightlines 2400LED Detailed Product Description

- | | |
|---|--|
| <p>1 Housing .064" Aluminum Protected with White Polyester Powder Coat</p> <p>2 Reflector - High Gloss White - .036" Thick</p> <p>3 LED Module</p> <p>4 Cast Aluminum, Gasketed Face Plate</p> <p>5 (2) Stainless Steel, Cap Screws - Captive</p> | <p>6 Sealed Prismatic Polycarbonate Lens - .125" Thick or Prismatic Tempered Glass Lens "PR" Option</p> <p>7 1/2 NPT Plugs (2) - Suitable for 4 No. 12 AWG Through Branch Circuit Conductors Suitable for 90°C.</p> <p>8 LED Driver - Constant Current</p> |
|---|--|



Sightlines 2400SSLED Mini Step/Path Low Level Area Light EXTERIOR

MODEL	LED	COLOR TEMPERATURE	VOLT	FACEPLATE	OPTIONS	COLOR
2400SS	7L 20 x 0.21 watts 600 lumens ¹	40* 4000K 30 3000K	120* 277	LV* slotted PR open	DIM dimming driver (0-10 volt)	SS <i>Stainless steel requires periodic maintenance to remove dirt and contaminants, similar to household stainless items.</i>

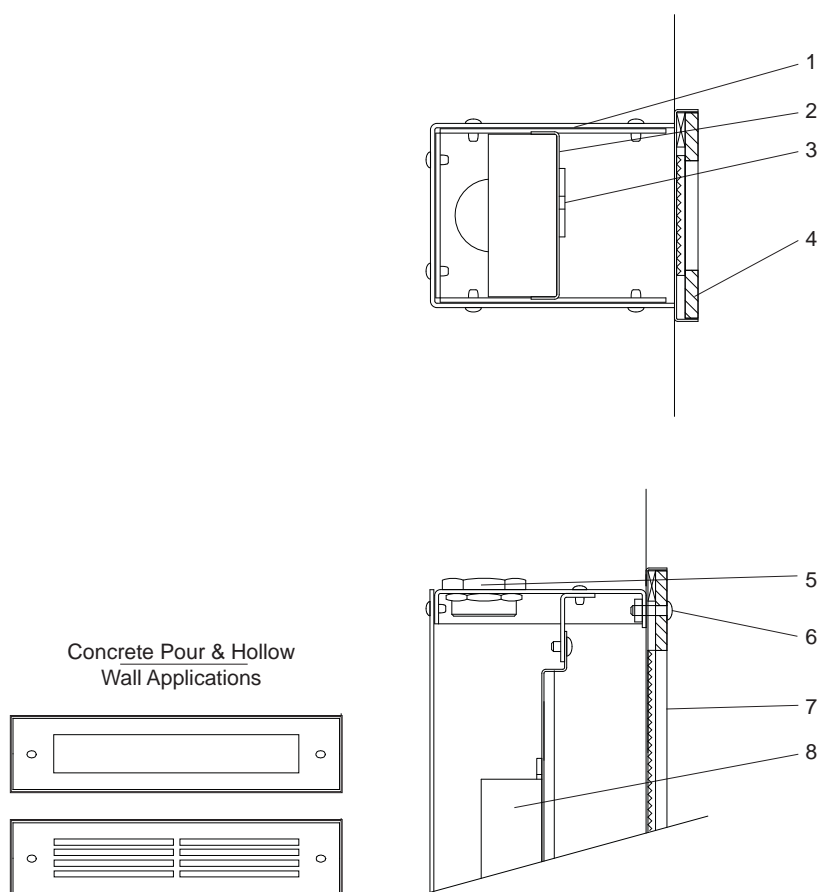
*Standard configuration unless otherwise specified

¹ Source lumens

SAMPLE CATALOG NUMBER: 2400 - 7L - 40 - 120 - LV

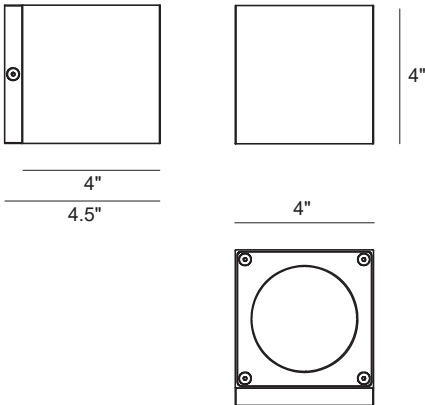
Using this catalog number would order 1 model 2400SS low level area light with a slotted face and a 7.2 watt LED at 4000K wired to 120 volts and a stainless steel faceplate.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials Faceplate: Stainless steel, #4 brushed finish. Housing: .064" aluminum protected with high gloss white polyester powder coat. Reflector: High gloss white, formed aluminum. Lens: Open - Tempered, sealed prismatic glass. Louvered face: Prismatic polycarbonate. Suitable for through branch circuit conductors, suitable for 90°C. (2) - 1/2 NPT plugs, neoprene rubber gaskets.</p> <p>LED driver: Constant current 350mA. LED boards > 82 CRI.</p>	<p>The Sightlines 2400SSLED series is designed for concrete pour installations and hollow wall construction. Units are non IC rated so the insulation, if any, must be kept 3" away from the housing and the housing should have 1/2" clearance all around except at the mounting points/surface. See Installation Instructions on the Rebelle website for further details. Conduits must be sealed against water entry into the fixture housing as outlined in the National Electric Code.</p>	<p>The Sightlines 2400SSLED units are offered with slotted or open faceplates. A white polyester powder coated reflector directs light output. Reflector is sealed behind faceplate assembly so that water and other contaminants are excluded.</p>	<p>The Sightlines 2400SSLED series is listed for use in wet locations within four feet of the ground to CSA and UL standards. Conduit must be sealed to exclude water from entering the housing.</p>



Sightlines 2400SSLED Detailed Product Description

- | | |
|--|---|
| <p>1 Housing .064" Aluminum Protected with White Polyester Powder Coat</p> <p>2 Reflector - High Gloss White - .036" Thick</p> <p>3 LED Module</p> <p>4 Stainless Steel, Gasketed Face Plate with Enclosure Trim</p> <p>5 1/2 NPT Plugs (2) - Suitable for 4 No. 12 AWG Through Branch Circuit Conductors Suitable for 90°C.</p> | <p>6 (2) Stainless Steel. Cap Screws - Captive</p> <p>7 Sealed Prismatic Polycarbonate Lens - .125" Thick or Tempered Prismatic Glass Lens "PR" Option</p> <p>8 LED Driver - Constant current</p> |
|--|---|



Tessaera 3100LED Wall Mount

INTERIOR/EXTERIOR

MODEL	LED MODULE	COLOR TEMPERATURE	VOLT	DISTRIBUTION	OPTIONS	COLOR
3100	12L <i>1 x 12 watts¹ 1219 lumens²</i>	40* 4000K	120*	SP 19° spot	90 90 CRI	WT white texture
		35 3500K	208	FL 30° flood	SC surface wiring conduit feed canopy	BT black texture
	9L <i>1 x 9 watts¹ 930 lumens²</i>	30 3000K	240	WFL 45° wide flood		SM silver metallic
		27 2700K	277	VWFL 94° very wide flood	SC1 surface wiring canopy	AN aluminum natural
				PB+ pencil beam ⁴ 8 watts ¹ 3000K or 4000K only	DIM ³ dimming (0-10V)	BZ bronze
					NAT natatorium construction	GM gunmetal
					WP(_) wall plate (specify 6, 8 or 10")	WS white satin
						BM black matte
						RAL specify no.

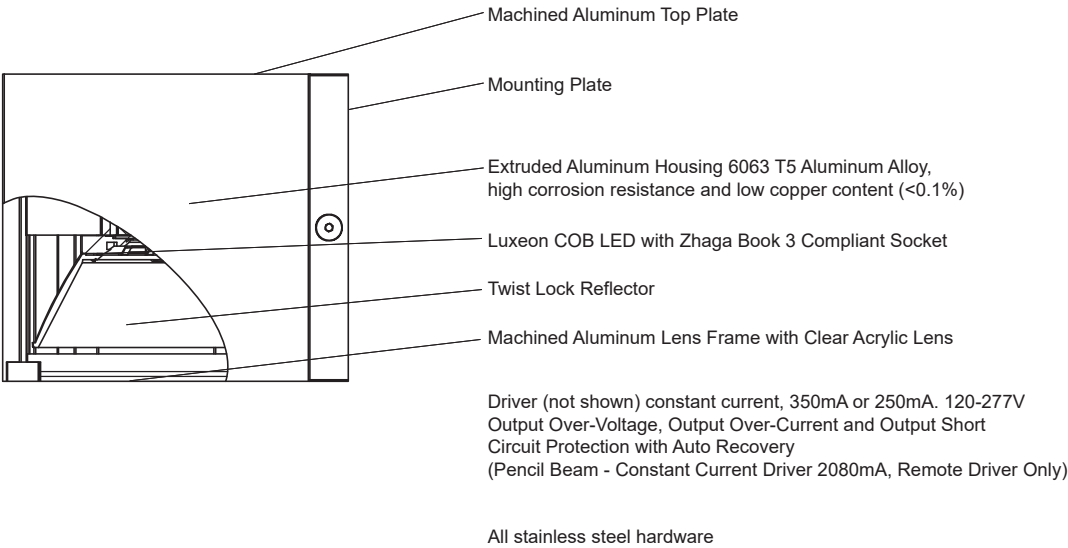
*Standard configuration unless otherwise specified

¹Nominal LED Power ²Delivered(4000K, 80CRI), not applicable to PB ³Not available with pencil beam optic ⁴Pencil beam LED module has a nominal LED power of 8 watts, replaces COB module watts. Not available in 347 volt. + Remote driver (pencil beam optic is available with remote driver only)

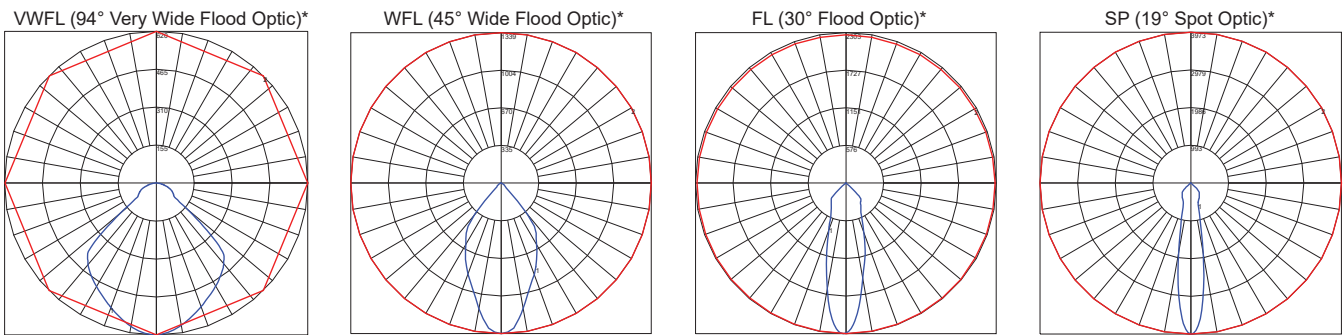
SAMPLE CATALOG NUMBER: 3100 - 12L - 40 - 120 - SP - WT

Using this catalog number would order 1 model 3100 wall mount luminaire using spot optics and a 12 watt LED module with a color temperature of 4000K wired to 120 volts, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components</p> <p>Constant current driver 350mA or 250mA, -30°C starting temperature, Luxeon COB LED with Zhaga compliant socket, 80 CRI standard. Pencil beam uses a proprietary PCB with constant current driver 2080mA. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The 3100LED series is designed for wall mounting. The design allows for mounting in the uplight or downlight position. The LED driver is integrally fixed to a mounting plate and designed to fit into a 4" octagon j-box (by others). The LED driver supplied with the fixture uses 4.5 cubic inches of J-Box volume, pencil beam driver uses 6.8 cubic inches of J-Box volume. A suitable J-Box example is 15 cubic inch capacity Iberville 54151 (not included). Optional surface wiring box suitable for 1/2" conduit feed. Optional wall plate available to cover mounting surface, 6, 8 or 10" square. Maximum fixture weight 4 lbs.</p>	<p>The 3100LED luminaire uses Chip-on-Board technology with Zhaga Book 3 compliant socket, field changeable high efficiency twist lock reflector and clear acrylic lens. Pencil beam distribution uses a fixed optic (FWHM 7° x 55°) mounted to a proprietary PCB and requires a remote driver.</p>	<p>The 3100LED series is listed for use in wet locations to UL and CSA Standards. Reported L70 (10k) >55,000 hours per TM-21. Calculated L70 >100,000 hours at 45°C ambient. IP65 rated.</p>



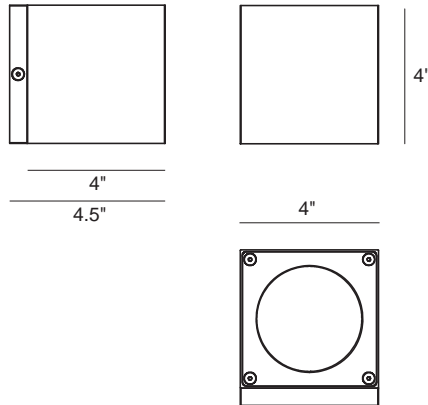
Tessera 3100LED



*Based on 3100-12L

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
3100-12L	4000	80	1219+	12 watts	13.63 watts	89.4
3100-9L	4000	80	930+	9 watts	9.64 watts	96.5
Lumen Multipliers		3500K - 0.962	3000K - 0.944	2700K - 0.923	90 CRI - 0.842	

*Based on system power
+Not applicable with PB optic



Tessera 3100LED Turtle Friendly Wall Mount Light

INTERIOR/EXTERIOR

MODEL	LED MODULE		COLOR TEMPERATURE		VOLT	DISTRIBUTION		OPTIONS		COLOR	
3100	10L	10 watts ¹ 887 lumens ²	AM	amber LED turtle friendly 585-595nm	120*	SP	15° spot	SC	surface wiring conduit feed canopy	WT	white texture
					208	FL	30° flood			BT	black texture
	7L	7 watts ¹ 633 lumens ²			240			SC1	surface wiring canopy	SM	silver metallic
					277			NAT	natatorium construction	AN	aluminum natural
								WP(_")	wall plate (specify 6, 8 or 10")	GM	gunmetal
								CV	cut off visor	WS	white satin
									BM	black matte	
									RAL	specify no.	

*Standard configuration unless otherwise specified ¹Nominal LED Power ²Source lumens

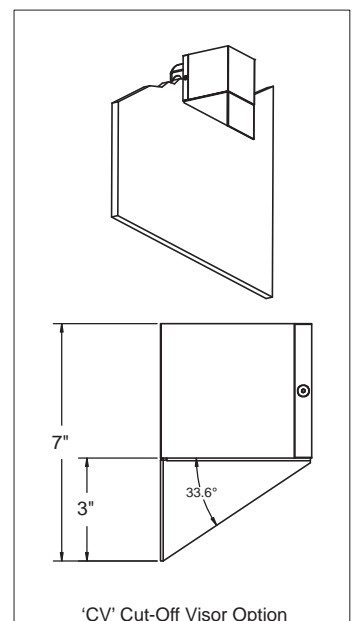
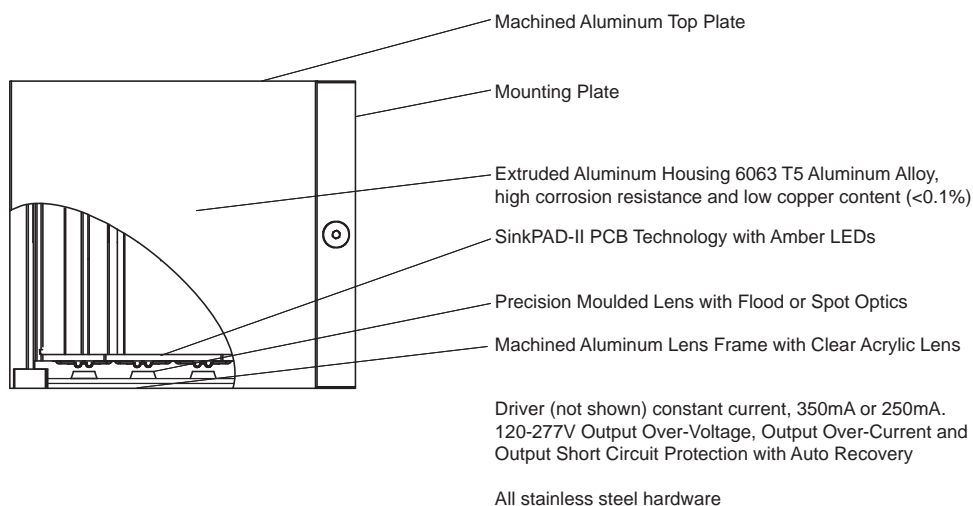
SAMPLE CATALOG NUMBER: 3100 - 10L - AM - 120 - SP - WT

Using this catalog number would order 1 model 3100 wall mount luminaire using a spot optic and a 10 watt amber LED module wired to 120 volts, painted white texture polyester powder coat.

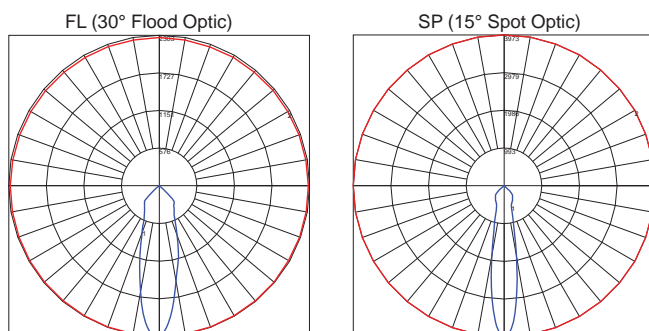
CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Constant current driver 350mA or 250mA, -30°C starting temperature.</p>	<p>The 3100LED series is designed for wall mounting. The LED driver is integrally fixed to a mounting plate and designed to fit into a 4" octagon j-box (by others). The LED driver supplied with the fixture uses 4.5 cubic inches of J-Box volume. A suitable J-Box example is 15 cubic inch capacity Iberville 54151 (not included). Optional surface wiring conduit feed canopy suitable for 1/2" conduit feed. Optional wall plate available to cover mounting surface, 6, 8 or 10" square. Maximum fixture weight 4 lbs.</p>	<p>The 3100LED luminaire uses a precision molded lens to direct the light, either spot or flood distributions are available.</p>	<p>The 3100LED series is listed for use in wet locations to UL and CSA Standards. L70 (minimum) >50,000 hours. IP65 rated.</p>

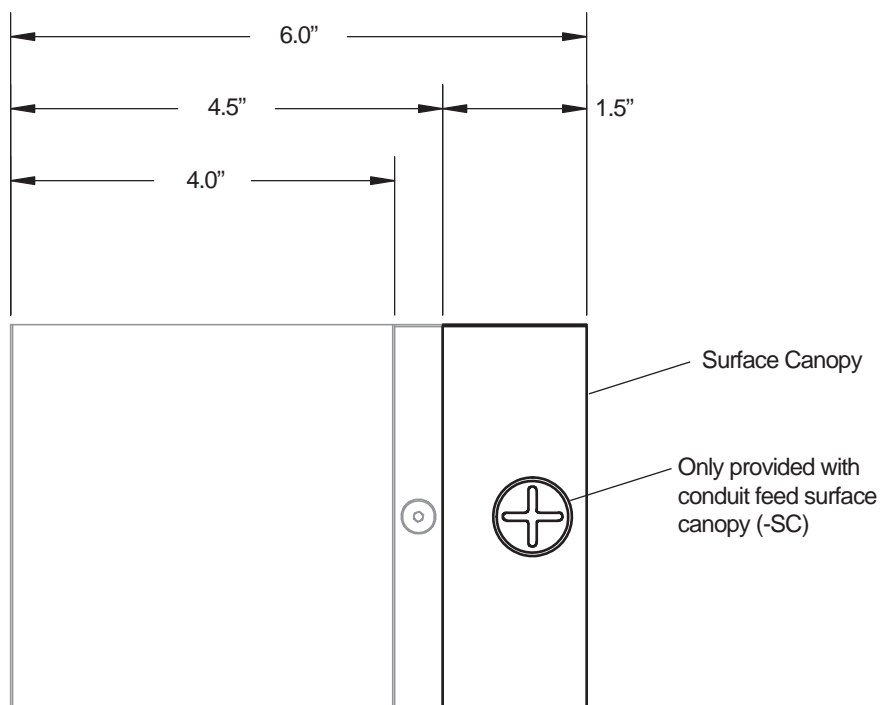


Wildlife Lighting
Certification Number 2018-040

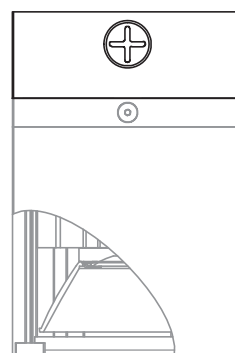
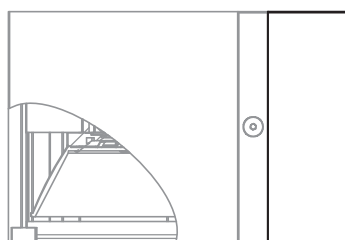
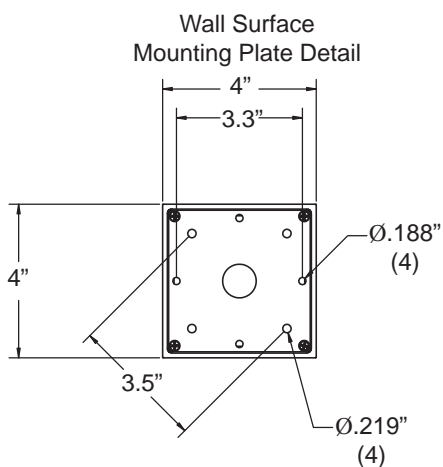


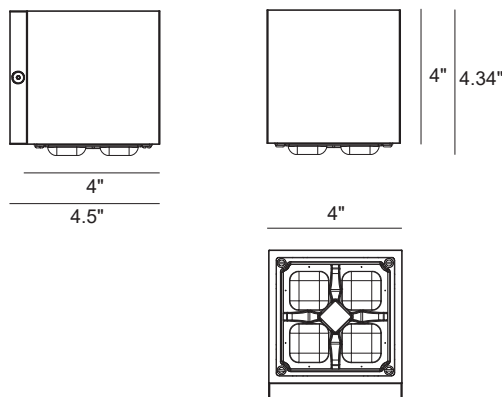
Tessaera 3100LED Turtle Friendly Wall Mount





Tessera Surface Canopy Option (For Use with 3100, 3101, 3103, 3121)





Tessera 3101LED Wall Mount Lighting

INTERIOR/EXTERIOR

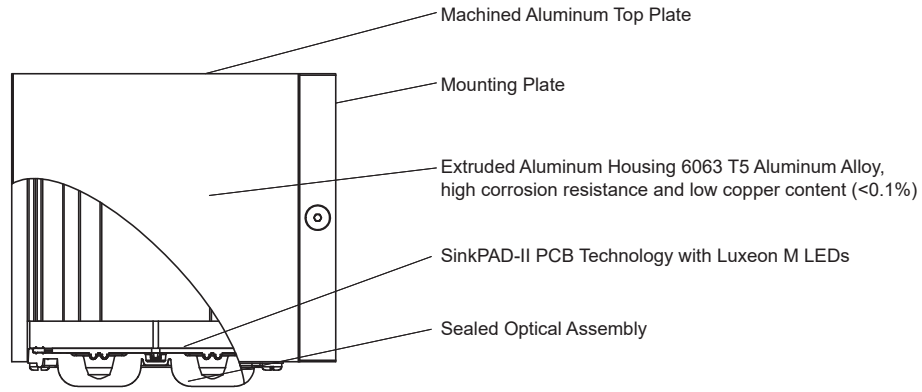
MODEL	LED MODULE	COLOR TEMPERATURE	VOLT	DISTRIBUTION	OPTIONS	COLOR
3101	12L <small>1 x 12 watts¹ 1585 lumens²</small>	40* 4000K	120*	T3* type III optic	70 70 CRI	WT white texture
		30 3000K	208		DIM 0-10 volt dimming	BT black texture
			240		SC surface wiring conduit feed canopy	SM silver metallic
			277		SC1 surface wiring canopy	AN aluminum natural
					WP (") wall plate (specify 6, 8 or 10")	BZ bronze
						GM gunmetal
						WS white satin
						BM black matte
						RAL specify no.

*Standard configuration unless otherwise specified ¹Nominal LED Power ²Delivered lumens (4000K, 70CRI)

SAMPLE CATALOG NUMBER: 3101 - 12L - 40 - 120 - T3 - WT

Using this catalog number would order 1 model 3101 wall mount luminaire using type III optic and a 12 watt LED module with a color temperature of 4000K wired to 120 volts, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, PMMA lens.</p> <p>Electrical Components Constant current driver 250mA, 80CRI standard.</p>	<p>The 3101LED series is designed for wall mounting. The LED driver is integrally fixed to a mounting plate and designed to fit into a 4" octagon j-box (by others). The LED driver supplied with the fixture uses 4.5 cubic inches of J-Box volume. A suitable J-Box example is 15 cubic inch capacity Iberville 54151 (not included). Optional surface wiring box for 1/2" conduit feed. Optional wall plate available to cover mounting surface, 6, 8 or 10". For outdoor applications silicone seal is required across the top and down the sides between the housing and mounting surface.</p>	<p>The 3101LED luminaire uses a 4 up, high efficiency PCB and a 94% PMMA asymmetric distribution lens.</p>	<p>The 3101LED series is listed for use in wet locations above 4 feet to UL and CSA Standards. L70 minimum at 50,000 hours. IP65 rated.</p>

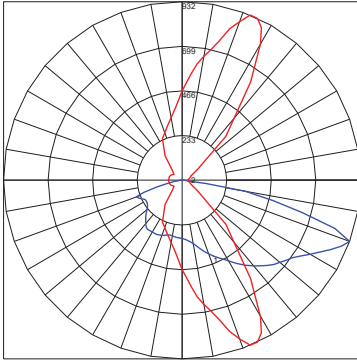


Driver (not shown) constant current, 250mA. 120-277V
Output Over-Voltage, Output Over-Current and Output Short
Circuit Protection with Auto Recovery

All stainless steel hardware

Tessera 3101LED

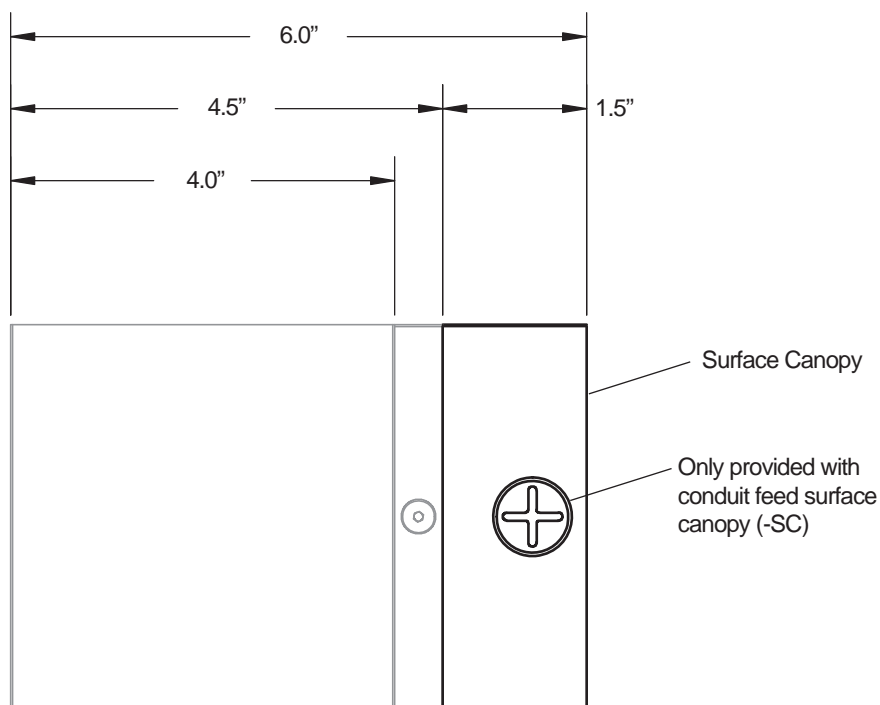
3101-12L with Type 3 Optic



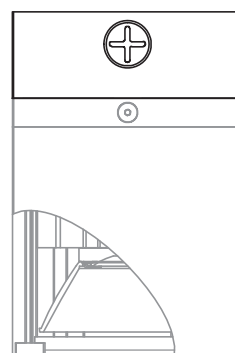
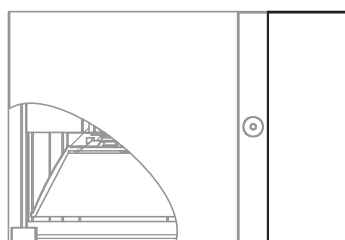
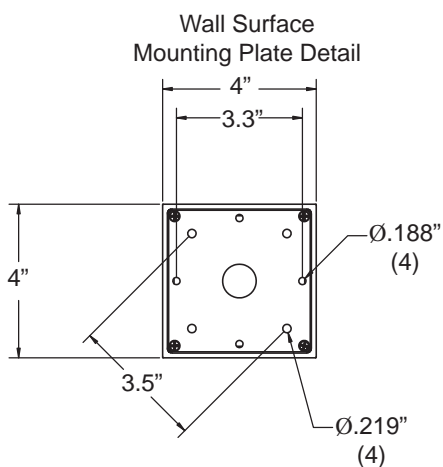
Tessera 3101-12L-40-T3-70
Luminaire Lumens 1585
Luminaire Watts 12.77
Luminaire Efficacy Rating 125
BUG Rating B1-U1-G1
CCT/CRI 4000K/70

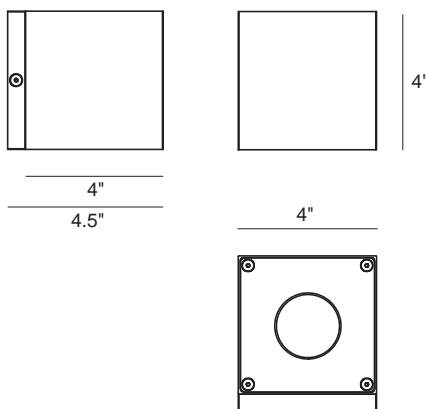
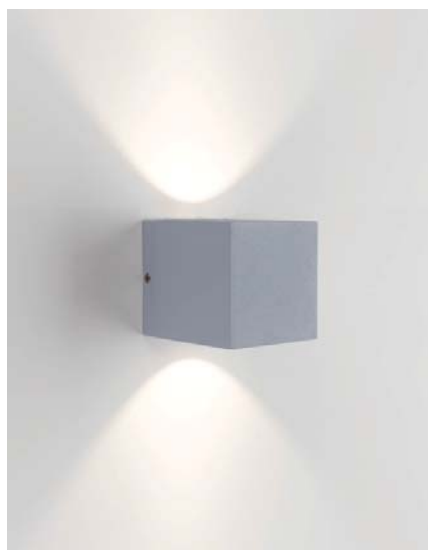
Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
3101-12L	3000	70	1472	12	12.77	115.3
3101-12L	4000	70	1585	12	12.77	124.1
3101-12L	3000	80	1209	12	12.77	94.7
3101-12L	4000	80	1287	12	12.77	100.8

*Based on system power.



Tessera Surface Canopy Option (For Use with 3100, 3101, 3103, 3121)





Tessera 3103LED Up/Down Wall Mount Light

INTERIOR/EXTERIOR

MODEL	LED MODULE	COLOR TEMPERATURE	VOLT	DISTRIBUTION - UP	DISTRIBUTION - DOWN	OPTIONS	COLOR
3103	2 x 6L <small>2 x 6 watts¹ 1400 lumens²</small>	40* 4000K	120*	SP 20° spot	SP 20° spot	SC surface wiring conduit feed canopy	WT white texture
		35 3500K	208	FL 34° flood	FL 34° flood		BT black texture
	2 x 4.5L <small>2 x 4.5 watts¹ 1000 lumens²</small>	30 3000K	240	WFL 48° wide flood	WFL 48° wide flood	SC1 surface wiring canopy	SM silver metallic
		27 2700K	277	OVAL 63° x 24°	OVAL 63° x 24°	DIM dimming (0-10V)	AN aluminum natural
						NAT natatorium construction	BZ bronze
						WP(_) wall plate (specify 6, 8 or 10")	GM gunmetal
							WS white satin
							BM black matte
							RAL specify no.

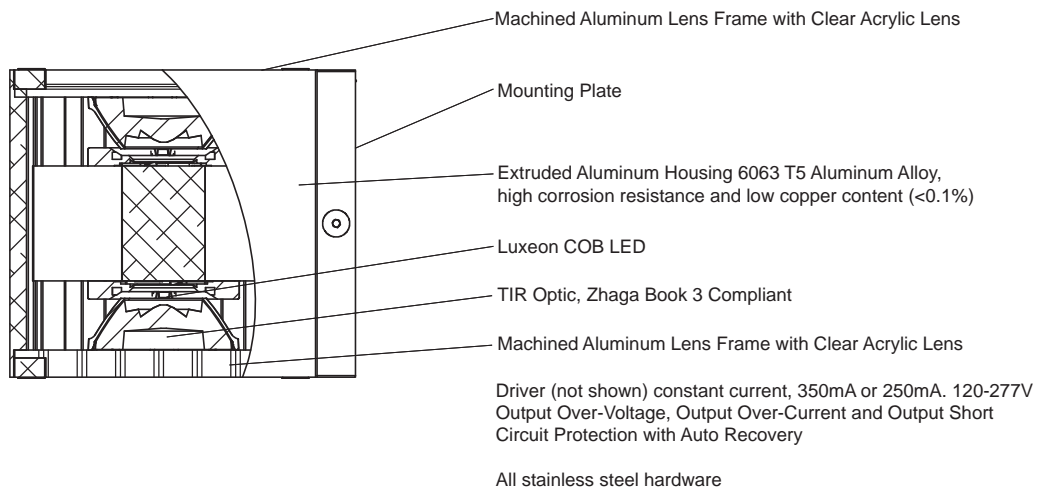
*Standard configuration unless otherwise specified

¹Nominal LED Power ²Total delivered lumens (4000K, 80CRI)

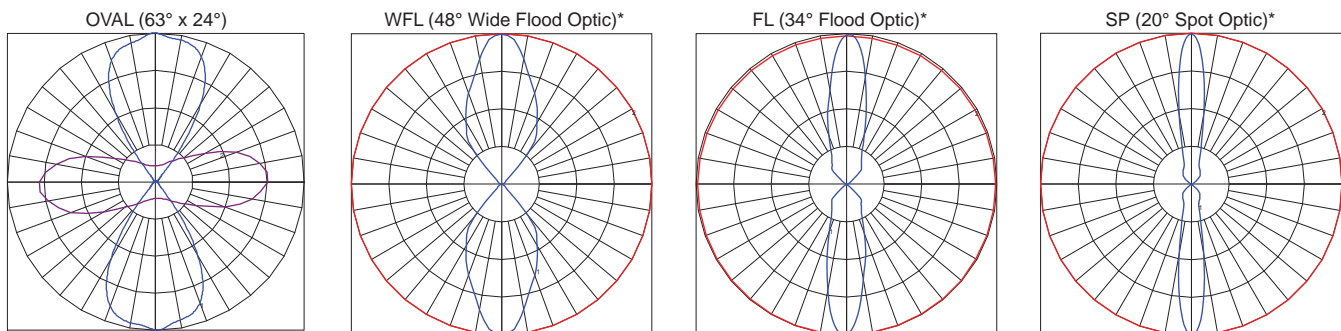
SAMPLE CATALOG NUMBER: 3103 - 2 x 6L - 40 - 120 - SP - FL - WT

Using this catalog number would order 1 model 3103 wall mount luminaire with 2 x 6 watt LED modules with a color temperature of 4000K with a spot distribution up and a flood distribution down, wired to 120 volts, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Constant current driver 350mA or 250mA, -30°C starting temperature, Luxeon COB LED with Zhaga compliant socket, 80 CRI standard. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The 3103LED series is designed for wall mounting. The LED driver is integrally fixed to a mounting plate and designed to fit into a 4" octagon j-box (by others). The LED driver supplied with the fixture uses 4.5 cubic inches of J-Box volume. A suitable J-Box example is 15 cubic inch capacity Iberville 54151 (not included). Optional surface wiring box suitable for 1/2" conduit feed. Optional wall plate available to cover mounting surface, 6, 8 or 10" square. Maximum fixture weight 4 lbs.</p>	<p>The 3103LED luminaire uses Chip-on-Board technology with Zhaga Book 3 compliant socket, high efficiency TIR optic and clear acrylic lens.</p>	<p>The 3103LED series is listed for use in wet locations to UL and CSA Standards. Reported L70 (10k) >55,000 hours per TM-21. Calculated L70 >100,000 hours at 45°C ambient. IP65 rated.</p>

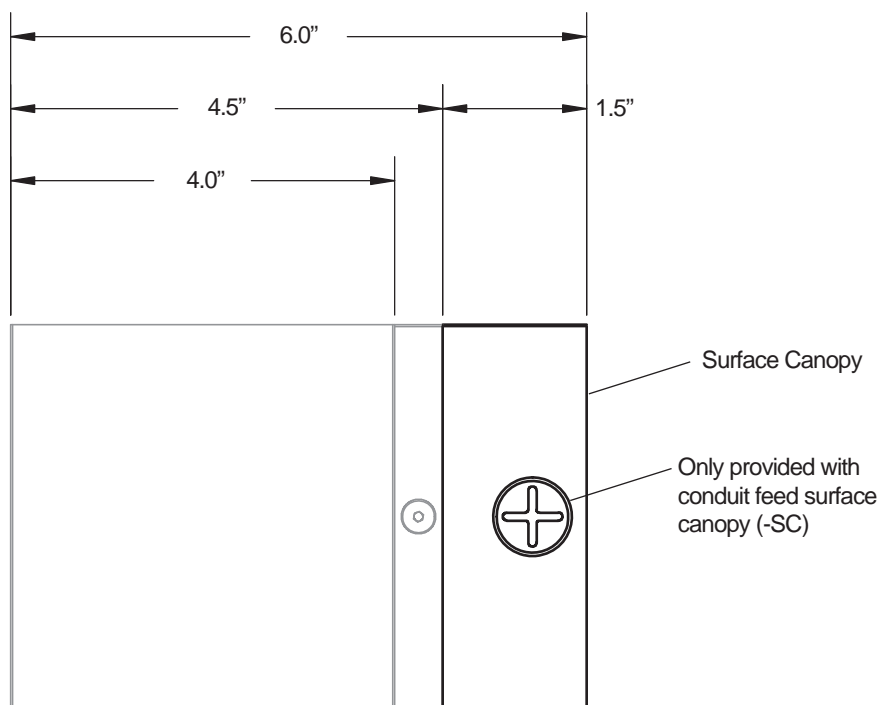


Tessera 3103LED

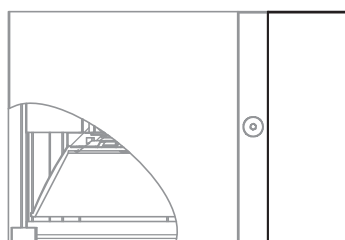
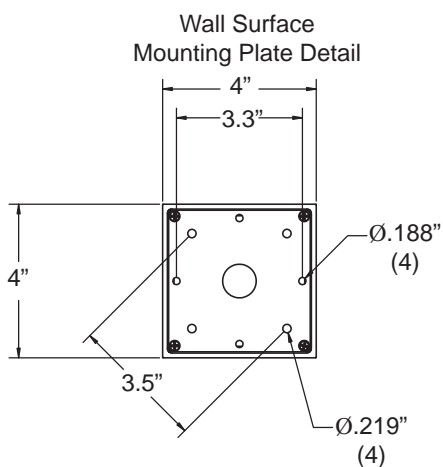


Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
3103-2 x 6L	4000	80	700/700	12 watts	13.63 watts	102.7
3103-2 x 4.5L	4000	80	500/500	9 watts	9.64 watts	103.7
Lumen Multipliers		3500K - 0.962	3000K - 0.944	2700K - 0.923	90 CRI - 0.842	

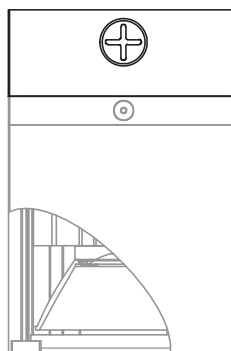
*Based on system power.



Tessera Surface Canopy Option (For Use with 3100, 3101, 3103, 3121)



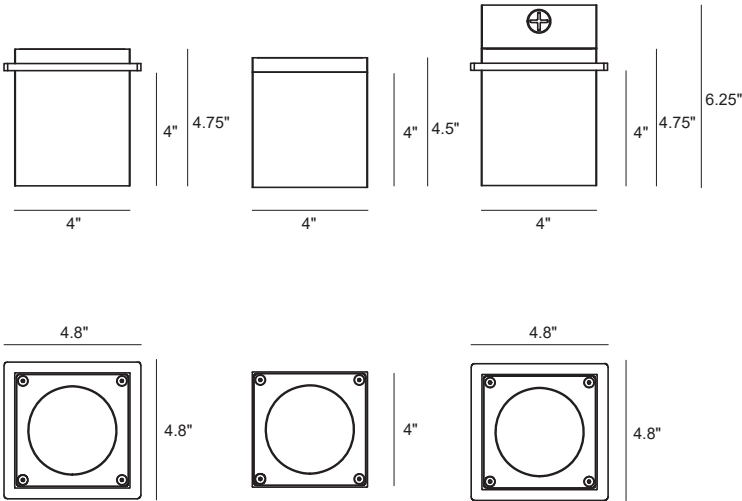
Surface Wiring Canopy (-SC1)
Extruded Aluminum, Painted to Match
Driver Housing, for mounting installations
with no J-Box or incorrect size J-Box
Suitable for Ceiling and
Wall Mount Installations



Surface Wiring Conduit Feed Canopy (-SC)
Extruded Aluminum, Painted to Match
Suitable for 1/2" Conduit Feed (No J-Box Required)
2 Locations, Opposing Sides
Driver Housing
Suitable for Ceiling and Wall Mount Installations



Luminaire shown with optional accent plate



Tessera 3121LED Surface Ceiling Mount

INTERIOR/EXTERIOR

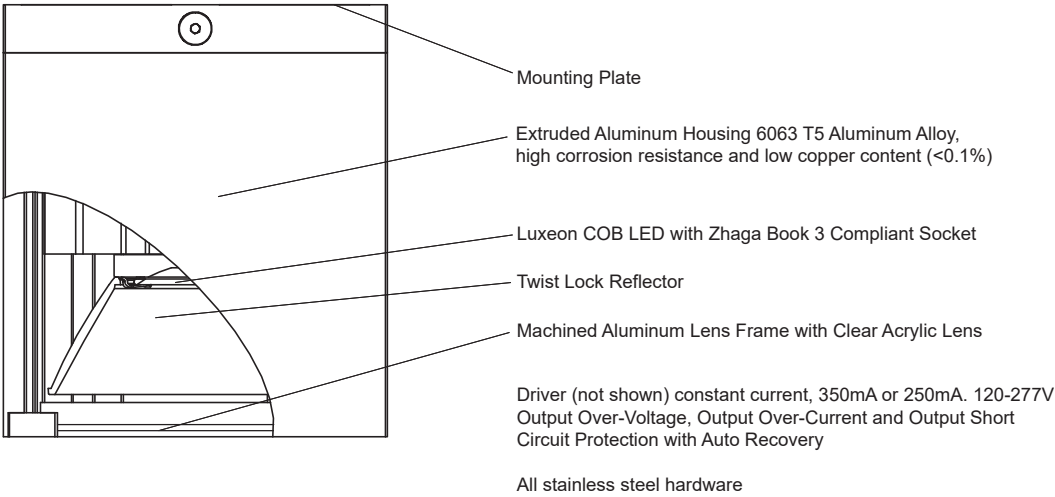
MODEL	LED MODULE	COLOR TEMPERATURE	VOLT	DISTRIBUTION	OPTIONS	COLOR
3121	12L <small>1 x 12 watts¹ 1219 lumens²</small>	40* 4000K	120*	SP 19° spot	90 90 CRI	WT white texture
	9L <small>1 x 9 watts¹ 930 lumens²</small>	35 3500K	208	FL 30° flood	DIM dimming (0-10V)	BT black texture
		30 3000K	240	WFL 45° wide flood	1 painted accent plate	SM silver metallic
		27 2700K	277	VWFL 94° very wide flood	3 stainless steel accent plate	AN aluminum natural
					SC surface wiring conduit feed canopy	BZ bronze
					SC1 surface wiring canopy	GM gunmetal
					CP() ceiling plate (specify 6, 8 or 10")	WS white satin
					NAT natatorium construction	BM black matte
						RAL specify no.

*Standard configuration unless otherwise specified ¹Nominal LED Power ²Delivered lumens (4000K, 80CRI)

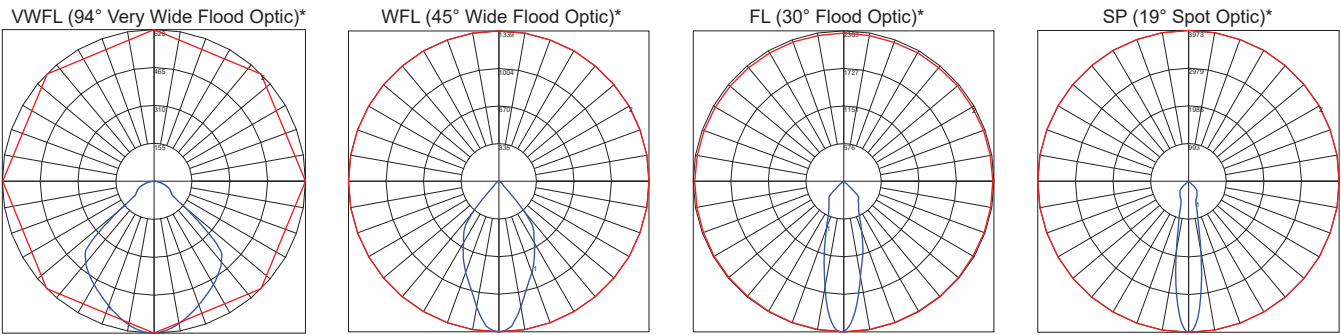
SAMPLE CATALOG NUMBER: 3121 - 12L - 40 - 120 - SP - 1 - WT

Using this catalog number would order 1 model 3121 ceiling mount luminaire using spot optics and a 12 watt LED module with a color temperature of 4000K wired to 120 volts with a decorative accent plate painted to match the luminaire in white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components</p> <p>Constant current driver 350mA or 250mA, Luxeon COB LED with Zhaga compliant socket. 80 CRI standard. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The 3121LED series is designed for ceiling mounting. The LED driver is integrally fixed to a mounting plate and designed to fit into a 4" octagon j-box (by others). The LED driver supplied with the fixture uses 4.5 cubic inches of J-Box volume. A suitable J-Box example is 15 cubic inch capacity Iberville 54151 (not included). Optional surface wiring canopy suitable for 1/2" conduit feed (no j-box required). Optional ceiling plate available to cover mounting surface, 6, 8 or 10" square. For outdoor applications silicone seal is required. Maximum fixture weight is 4 lbs.</p>	<p>The 3121LED luminaire uses Chip-on-Board technology with Zhaga Book 3 compliant socket, field changeable high efficiency twist lock reflectors and clear acrylic lens.</p>	<p>The 3121LED series is listed for use in wet locations to UL and CSA Standards, covered ceiling mount only. Reported L70 (10k) > 55,000 hours per TM-21. Calculated L70 >100,000 hours at 45°C ambient. IP65 rated.</p>



Tessera 3121LED

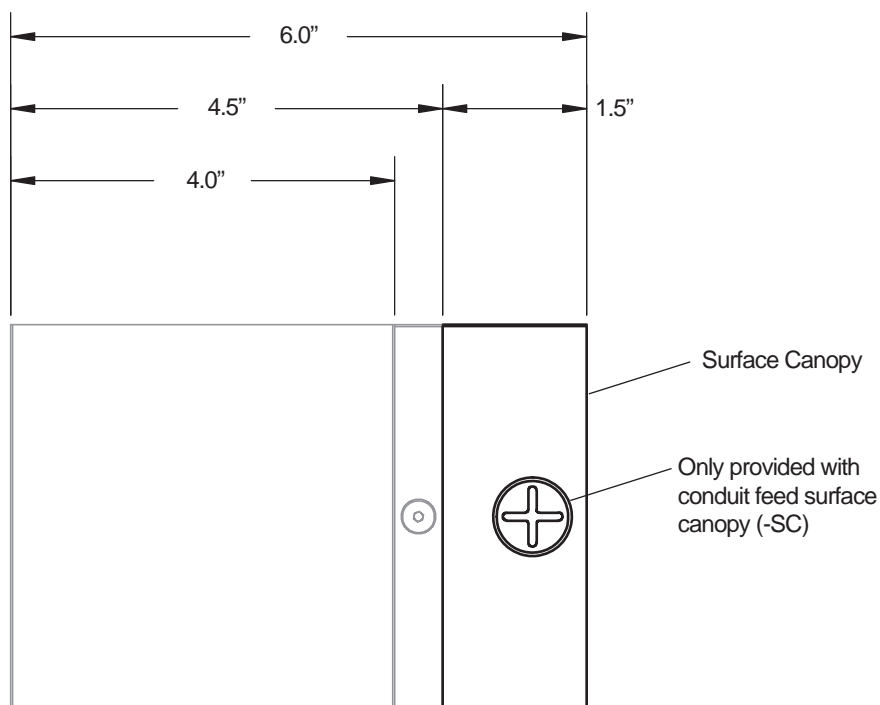


*Based on 3121-12L

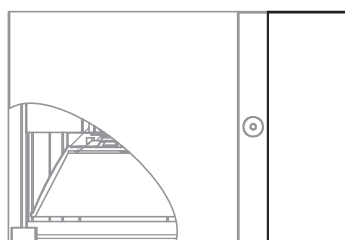
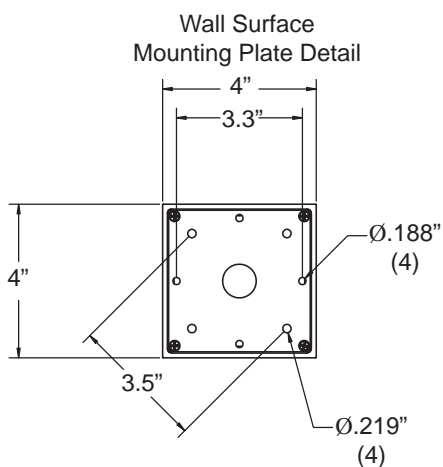
Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
3121-12L	4000	80	1219	12 watts	13.63 watts	89.4
3121-9L	4000	80	930	9 watts	9.64 watts	96.5

Lumen Multipliers	3500K - 0.962	3000K - 0.944	2700K - 0.923	90 CRI - 0.842
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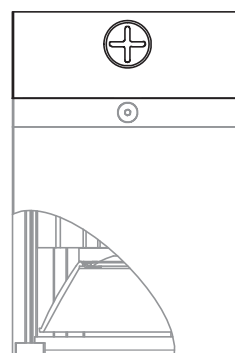
*Based on system power.



Tessera Surface Canopy Option (For Use with 3100, 3101, 3103, 3121)



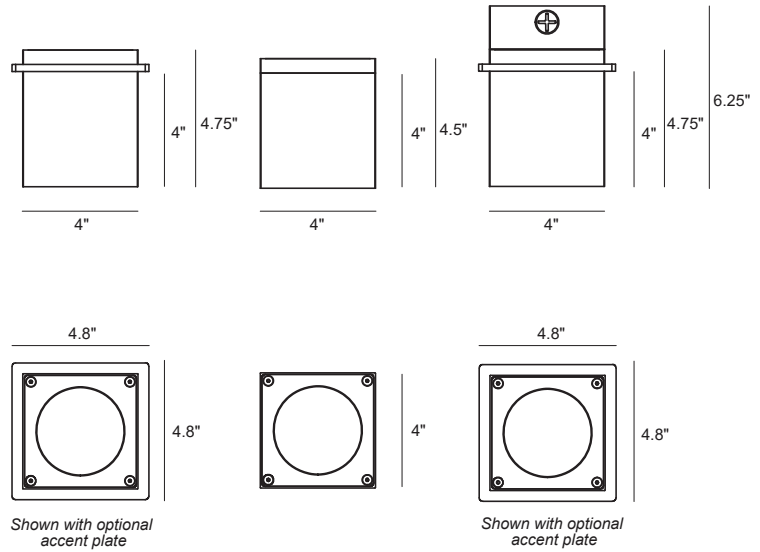
Surface Wiring Canopy (-SC1)
Extruded Aluminum, Painted to Match
Driver Housing, for mounting installations
with no J-Box or incorrect size J-Box
Suitable for Ceiling and
Wall Mount Installations



Surface Wiring Conduit Feed Canopy (-SC)
Extruded Aluminum, Painted to Match
Suitable for 1/2" Conduit Feed (No J-Box Required)
2 Locations, Opposing Sides
Driver Housing
Suitable for Ceiling and Wall Mount Installations



Luminaire shown with optional accent plate



Shown with optional
accent plate

Shown with optional
accent plate

Tessera 3121LED Turtle Friendly Surface Ceiling Mount

INTERIOR/EXTERIOR

MODEL	LED MODULE		COLOR TEMPERATURE		VOLT	DISTRIBUTION		OPTIONS		COLOR	
3121	10L	10 watts ¹ 887 lumens ²	AM	amber LED turtle friendly 585-595nm	120*	SP	19° spot	1()	painted accent plate, specify finish, std. paint to match	WT	white texture
					208	FL	30° flood			BT	black texture
	7L	7 watts ¹ 633 lumens ²			240			3	stainless steel accent plate	SM	silver metallic
					277			CV	cut off visor	AN	aluminum natural
								SC	surface wiring conduit feed canopy	BZ	bronze
									surface wiring canopy	GM	gunmetal
								SC1		WS	white satin
								CP(_")	ceiling plate (specify 6, 8 or 10")	BM	black matte
										RAL	specify no.

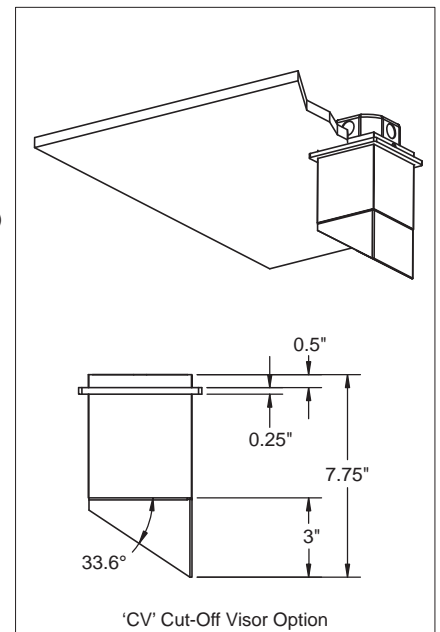
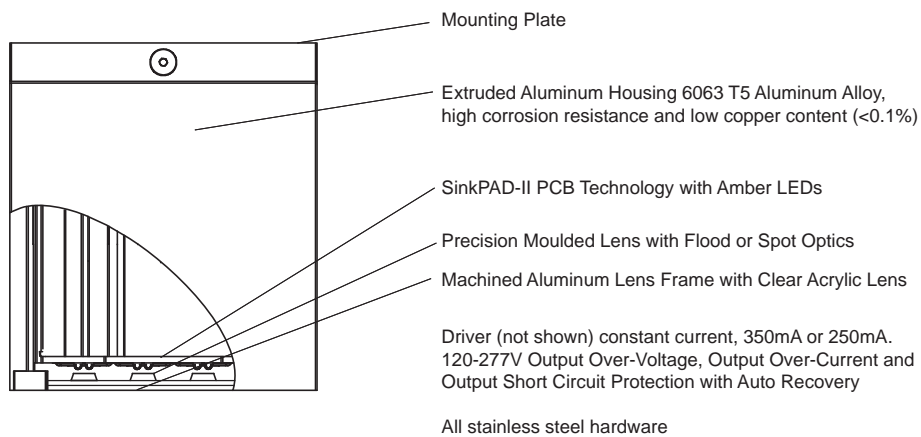
*Standard configuration unless otherwise specified ¹Nominal LED Power ²Source lumens

SAMPLE CATALOG NUMBER: 3121 - 10L - AM - 120 - SP - 1 - WT

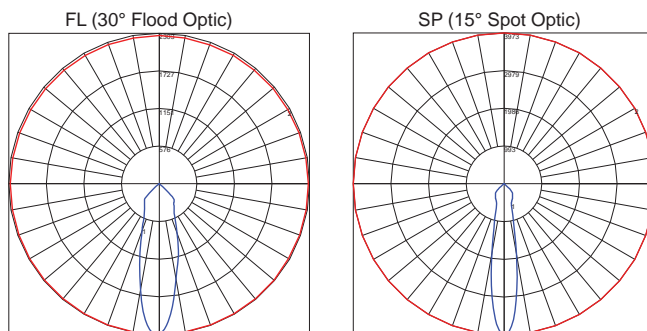
Using this catalog number would order 1 model 3121 ceiling mount luminaire using spot optics and a 10 watt amber LED module wired to 120 volts with a decorative accent plate painted to match the luminaire in white texture polyester powder coat.

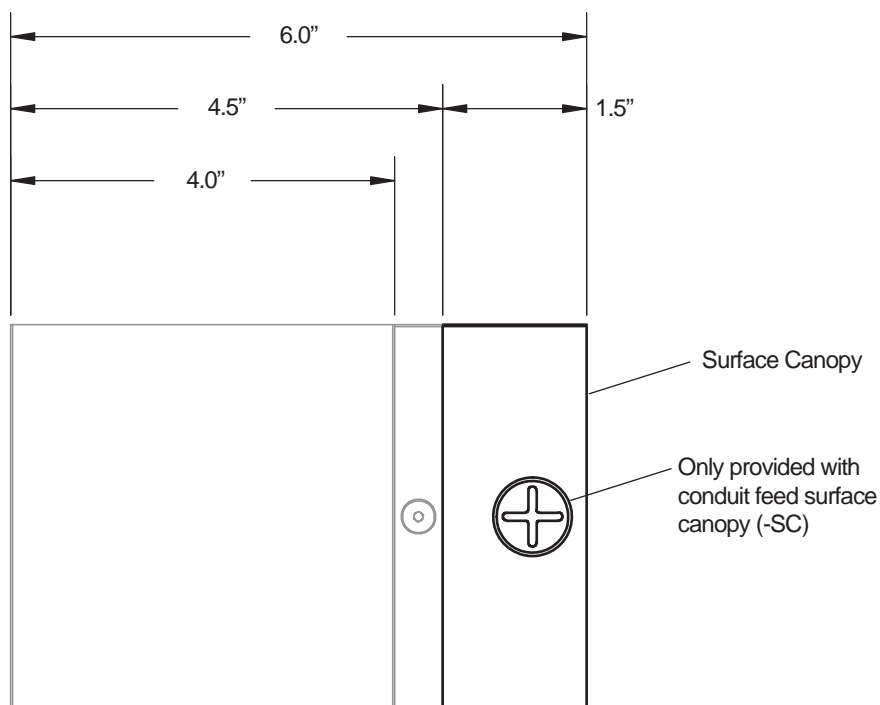
CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Constant current driver 350mA or 250mA, -30°C starting temperature.</p>	<p>The 3121LED series is designed for ceiling mounting. The LED driver is integrally fixed to a mounting plate and designed to fit into a 4" octagon j-box (by others). The LED driver supplied with the fixture uses 4.5 cubic inches of J-Box volume. A suitable J-Box example is 15 cubic inch capacity Iberville 54151 (not included). Optional surface wiring canopy suitable for 1/2" conduit feed or surface wiring canopy (no j-box required). Optional ceiling plate available to cover mounting surface, 6, 8 or 10" square. For outdoor applications silicone seal is required. Maximum fixture weight is 4 lbs.</p>	<p>The 3121LED luminaire uses a precision molded lens to direct the light, either spot or flood distributions are available. Luminaire comes standard with a honeycomb louver.</p>	<p>The 3121LED series is listed for use in wet locations to UL and CSA Standards, covered ceiling mount only. L70 (minimum) >50,000 hours. IP65 rated.</p>



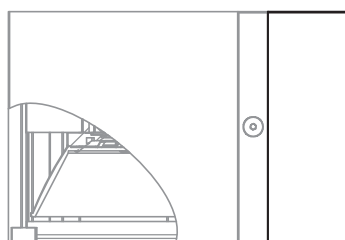
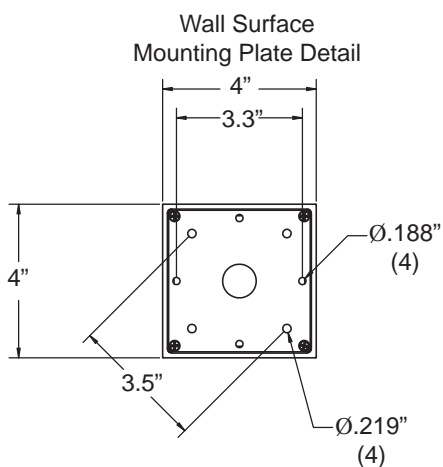


Tessera 3121LED Turtle Friendly Ceiling Mount

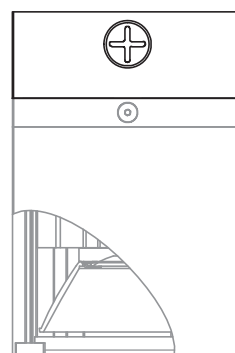




Tessera Surface Canopy Option (For Use with 3100, 3101, 3103, 3121)



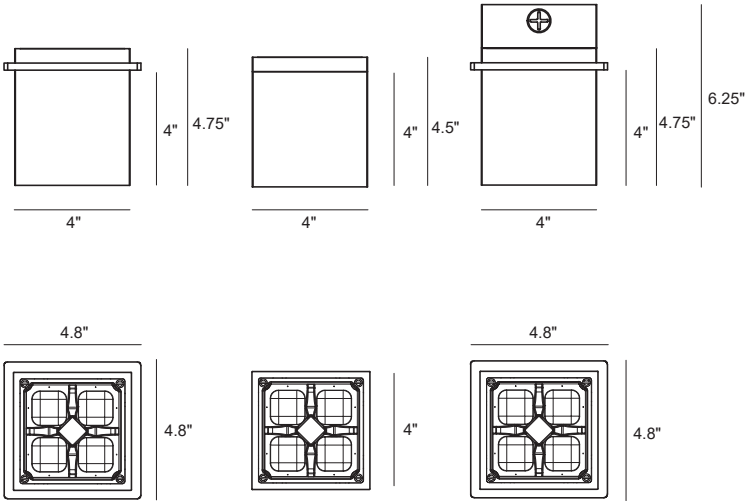
Surface Wiring Canopy (-SC1)
Extruded Aluminum, Painted to Match
Driver Housing, for mounting installations
with no J-Box or incorrect size J-Box
Suitable for Ceiling and
Wall Mount Installations



Surface Wiring Conduit Feed Canopy (-SC)
Extruded Aluminum, Painted to Match
Suitable for 1/2" Conduit Feed (No J-Box Required)
2 Locations, Opposing Sides
Driver Housing
Suitable for Ceiling and Wall Mount Installations



Luminaire shown with decorative accent plate



Tessera 3121LED Type III Surface Ceiling Mount

INTERIOR/EXTERIOR

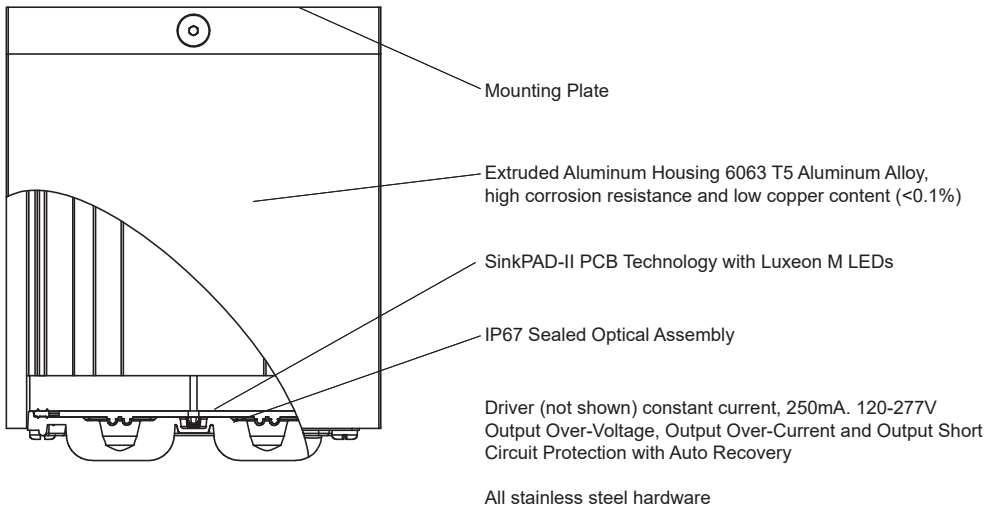
MODEL	LED MODULE	COLOR TEMPERATURE	VOLT	DISTRIBUTION	OPTIONS	COLOR
3121	12L 1 x 12 watts ¹ 1287 lumens ²	40* 4000K	120*	T3*	type III optic	70 70 CRI
		30 3000K	208		1 painted accent plate	BT black texture
			240		3 stainless steel accent plate	SM silver metallic
			277		SC surface wiring conduit feed canopy	AN aluminum natural
					SC1 surface wiring canopy	BZ bronze
					CP(") ceiling plate (specify 6, 8 or 10")	GM gunmetal
						WS white satin
						BM black matte
						RAL specify no.

*Standard configuration unless otherwise specified ¹Nominal LED Power ²Delivered lumens (4000K, 80CRI)

SAMPLE CATALOG NUMBER: 3121 - 12L - 40 - 120 - T3 - 1 - SC - WT

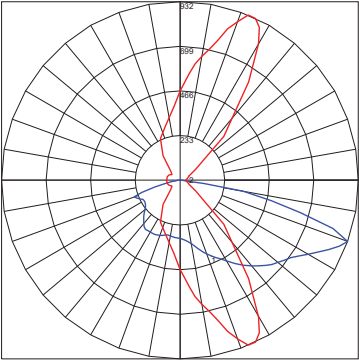
Using this catalog number would order 1 model 3121 ceiling mount luminaire using a type III optic and a 12 watt LED module with a color temperature of 4000K wired to 120 volts with a surface wiring canopy, painted white texture polyester powder coat with an accent plate painted to match the luminaire.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>All aluminum construction, stainless steel tamper resistant hardware, polycarbonate lens.</p> <p>Electrical Components</p> <p>Constant current driver 250mA, LED Module 80CRI standard.</p>	<p>The 3121LED series is designed for ceiling mounting. The LED driver is integrally fixed to a mounting plate and designed to fit into a 4" octagon j-box (by others), except in surface wiring canopy mounting applications. The LED driver supplied with the fixture uses 4.5 cubic inches of J-Box volume. A suitable J-Box example is 15 cubic inch capacity Iberville 54151 (not included). For outdoor applications silicone seal is required. Maximum weight 4 lbs.</p>	<p>The 3121LED luminaire uses a 4 up, high efficiency PCB and a 94% PMMA asymmetric distribution lens.</p>	<p>The 3121LED series is listed for use in wet locations to UL and CSA Standards, covered ceiling mount only. L70 minimum at 50,000 hours. IP65 rated.</p>



Tessera 3121LED with Type 3 Optic

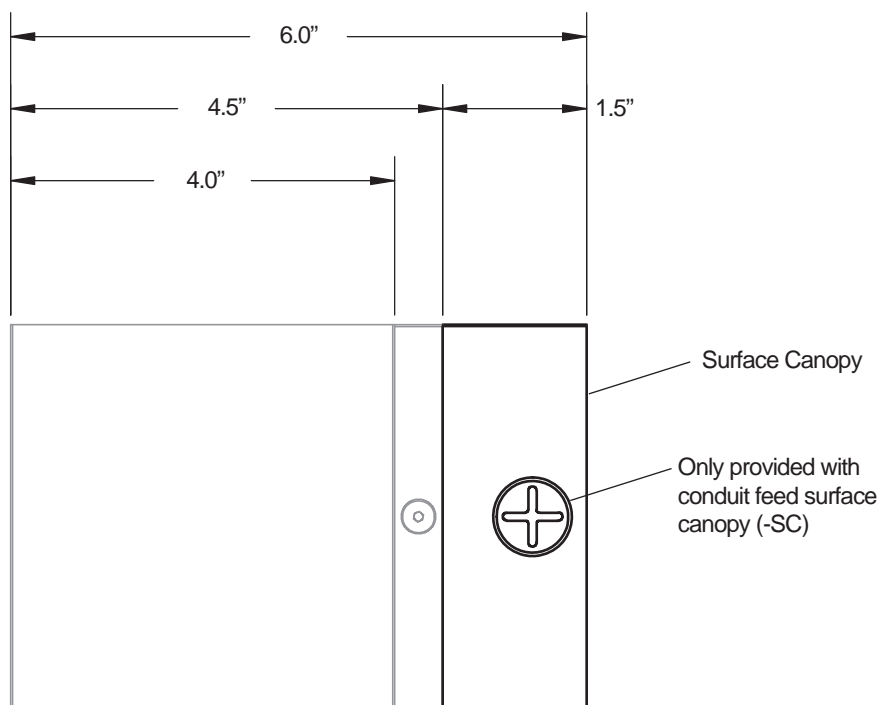
3121-12L with Type 3 Optic



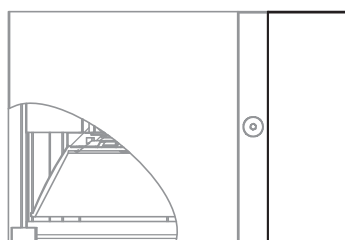
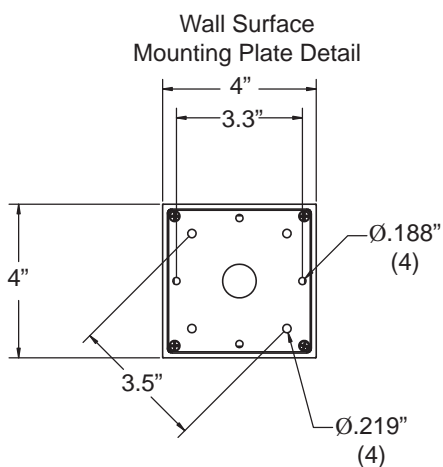
Tessera 3121-12L-40-T3-70
Luminaire Lumens 1585
Luminaire Watts 12.77
Luminaire Efficacy Rating 125
BUG Rating B1-U1-G1
CCT/CRI 4000/70

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
3121-12L	3000	70	1472	12	12.77	115.3
3121-12L	4000	70	1585	12	12.77	124.1
3121-12L	3000	80	1209	12	12.77	94.7
3121-12L	4000	80	1287	12	12.77	100.8

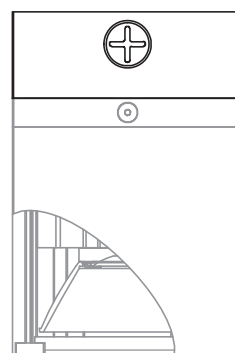
*Based on system power.



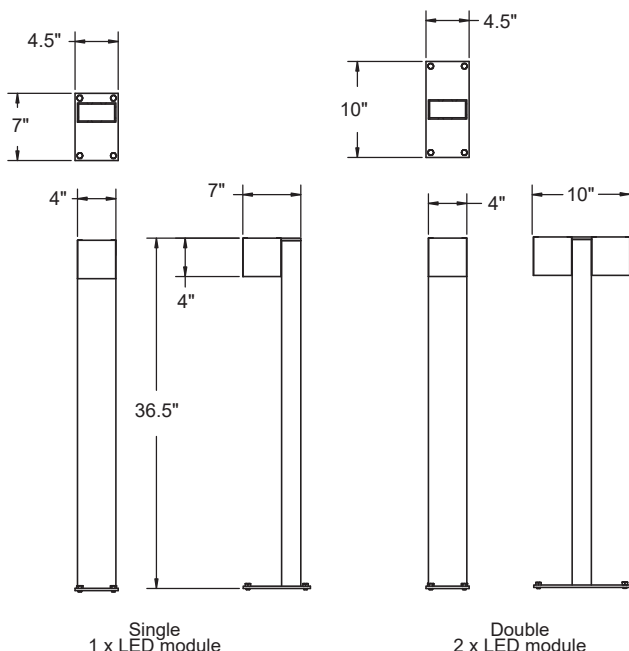
Tessera Surface Canopy Option (For Use with 3100, 3101, 3103, 3121)



Surface Wiring Canopy (-SC1)
Extruded Aluminum, Painted to Match
Driver Housing, for mounting installations
with no J-Box or incorrect size J-Box
Suitable for Ceiling and
Wall Mount Installations



Surface Wiring Conduit Feed Canopy (-SC)
Extruded Aluminum, Painted to Match
Suitable for 1/2" Conduit Feed (No J-Box Required)
2 Locations, Opposing Sides
Driver Housing
Suitable for Ceiling and Wall Mount Installations



Tessaera 3151LED Bollard

EXTERIOR

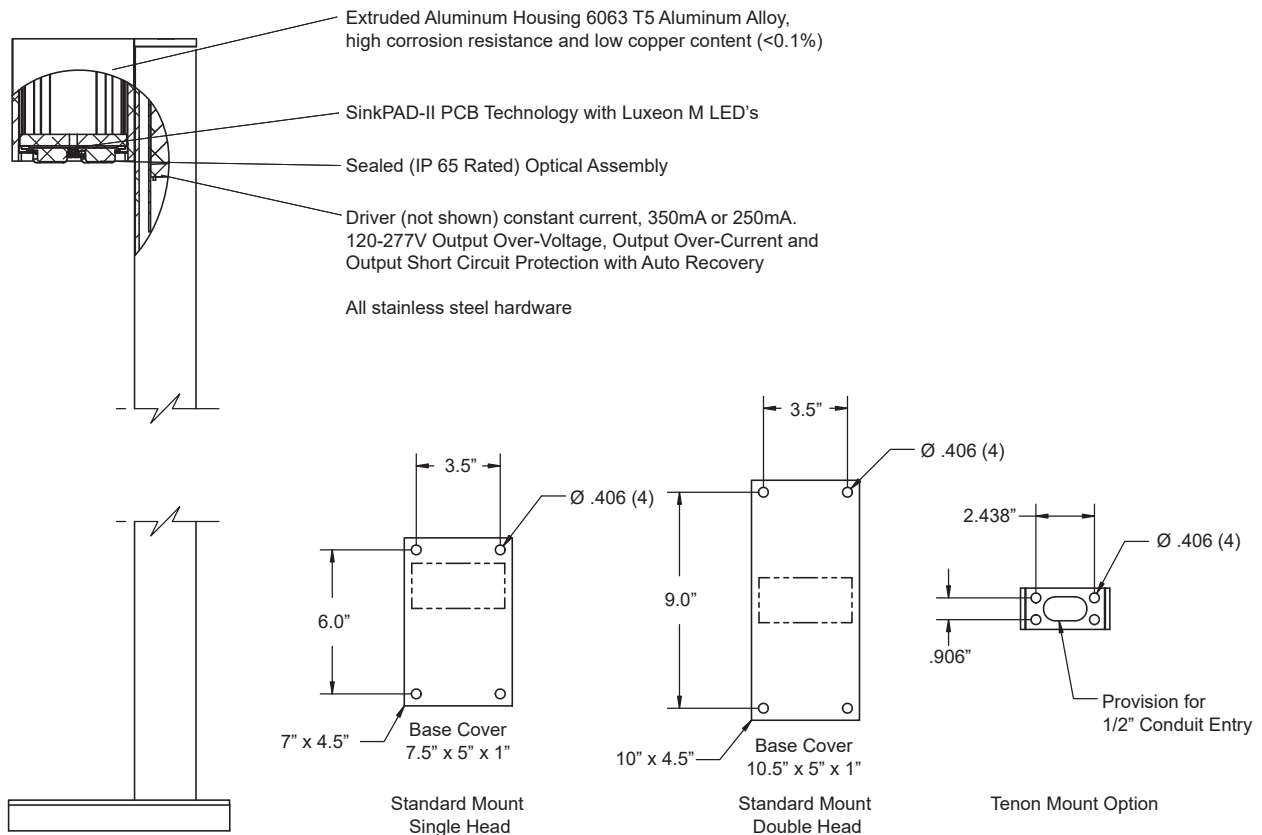
MODEL	LED MODULE	VOLT	COLOR TEMPERATURE	DISTRIBUTION	OPTIONS	COLOR
3151	1x12L <i>12 watts¹ 1287 lumens²</i>	120*	40* 4000K	T2 type II	DIM 0-10 volt dimming	WT white texture
		208	30 3000K	T3 type III	CV cut off visor	BT black texture
	2x12L <i>2 x 12 watts¹ 2 x 1287 lumens²</i>	240		T4 type IV	PC photocontrol	SM silver metallic
		277		T5 type V	TN tenon mount	AN aluminum natural
					BCS base cover	BZ bronze
					CF provision for 1/2" conduit feed	GM gunmetal
						WS white satin
						BM black matte
						RAL specify no.

*Standard configuration unless otherwise specified ¹Nominal LED Power ²Delivered lumens (4000K, 80CRI)

SAMPLE CATALOG NUMBER: 3151 - 1x12L - 40 - 120 - T2 - WT

Using this catalog number would order 1 single head model 3151 bollard luminaire with a 12 watt LED module, 4000K color temperature, type II distribution optic, wired to 120 volts, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, sealed optical assembly.</p> <p>Electrical Components Constant current driver 250mA, -30°C starting temperature, 80CRI standard.</p>	<p>The 3151LED series is designed to mount to a concrete base (by others). Anchor bolts are provided in hot dipped galvanized finish for new construction build. For optional retrofit builds, no anchor bolts would be provided and bollard can be mounted with hilti type fasteners (hilti anchors and hardware by others). Base plate is welded to bollard shaft. Base cover is offered as an option. Tenon mount is offered as an option for concealed mounting hardware.</p>	<p>The 3151LED luminaire uses a highly efficient silicone-sealed optical lens assembly with excellent temperature and UV stability to ensure long optical life clarity. Four standard distribution optics are available, type II, III, IV and V.</p>	<p>The 3151LED series is listed for use in wet locations to UL and CSA Standards. L70 (minimum) >50,000 hours.</p>

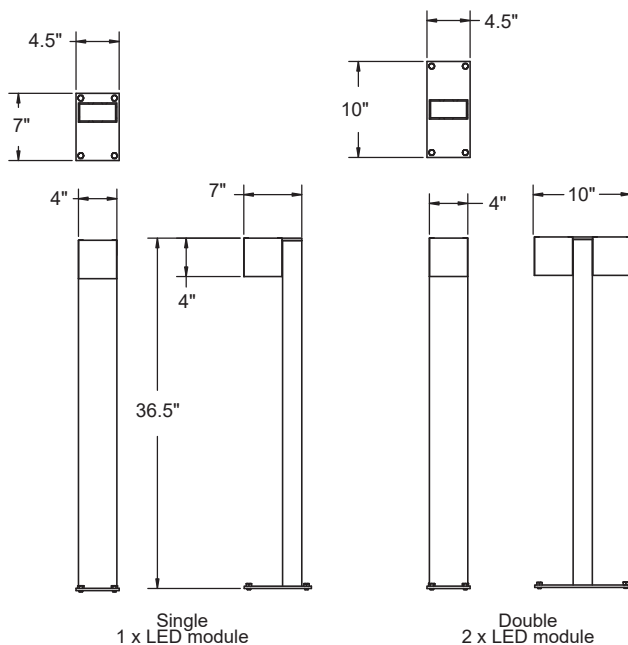


Tessera 3151LED

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
3151-12L	4000	80	1287	12 watts	12.77 watts	100.78

Lumen Multipliers	3000K - 0.939
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*Based on system power



Tessera 3151LED Turtle Friendly Bollard

EXTERIOR

MODEL	LED MODULE	VOLT	COLOR TEMPERATURE	DISTRIBUTION	OPTIONS	COLOR
3151	1x10L	120*	AM	FL	CV	WT
		208			PC	BT
	1x7L	240			TN	SM
	2x10L	277			BCS	AN
	2x7L				CF	BZ
						GM
						WS
						BM
						RAL

*Standard configuration unless otherwise specified ¹Nominal LED Power ²Source lumens

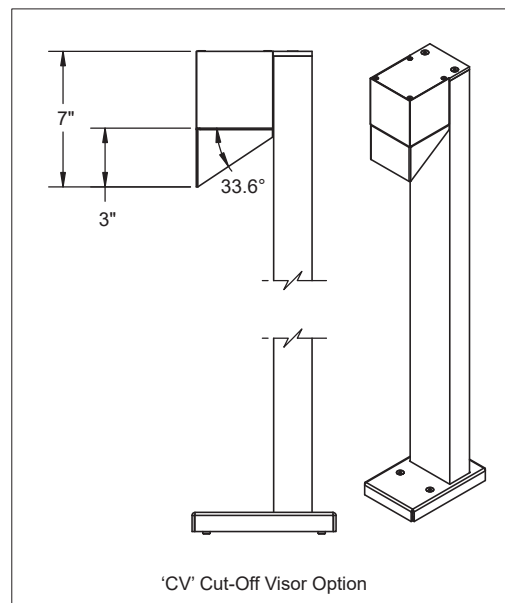
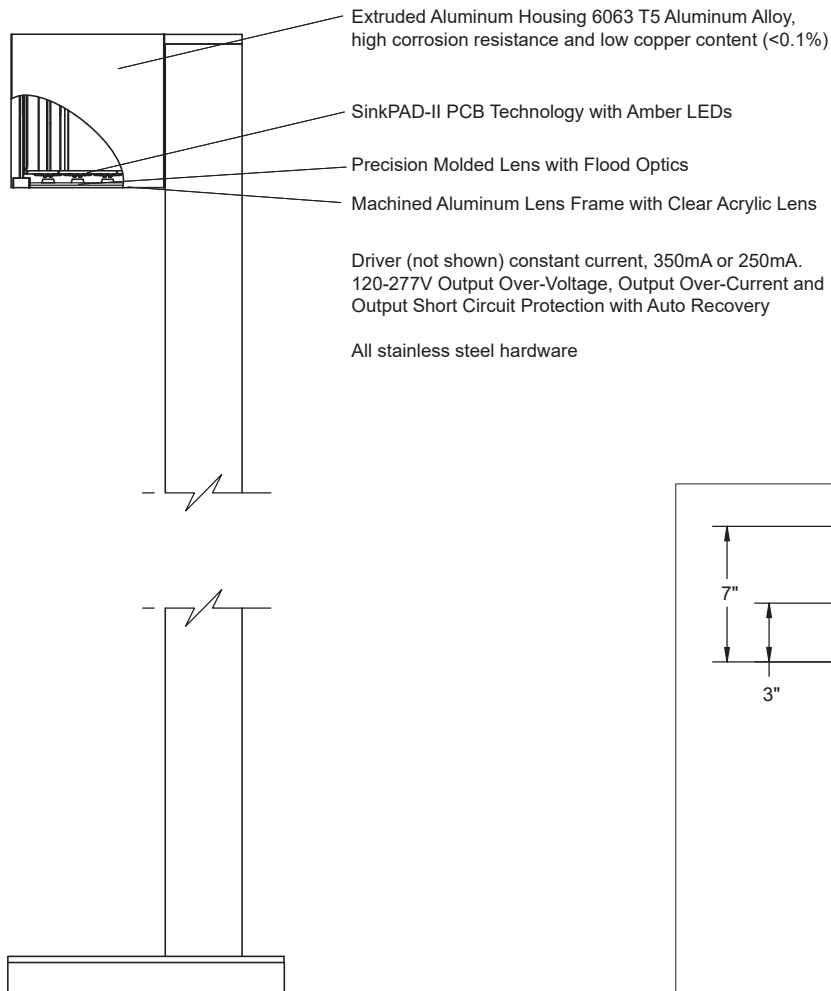
SAMPLE CATALOG NUMBER: 3151 - 1x10L - AM - 120 - FL - WT

Using this catalog number would order 1 single head model 3151 bollard luminaire with a 10 watt amber LED module, flood optic, wired to 120 volts, painted white texture polyester powder coat.

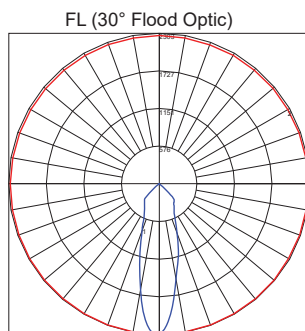
CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>All aluminum construction, stainless steel tamper resistant hardware, precision molded lens.</p> <p>Electrical Components</p> <p>Constant current driver 350mA or 250mA, -30°C starting temperature.</p>	<p>The 3151LED series is designed to mount to a concrete base (by others). Anchor bolts are provided in hot dipped galvanized finish for new construction build. For optional retrofit builds, no anchor bolts would be provided and bollard can be mounted with hilti type fasteners (hilti anchors and hardware by others). Base plate is welded to bollard shaft. Base cover is offered as an option. Tenon mount is offered as an option for concealed mounting hardware.</p>	<p>The 3151LED luminaire uses a precision molded lens to direct the light with a flood distribution. The luminaire comes standard with honeycomb louver.</p>	<p>The 3151LED series is listed for use in wet locations to UL and CSA Standards. L70 (minimum) >50,000 hours. IP65 rated optical compartment.</p>

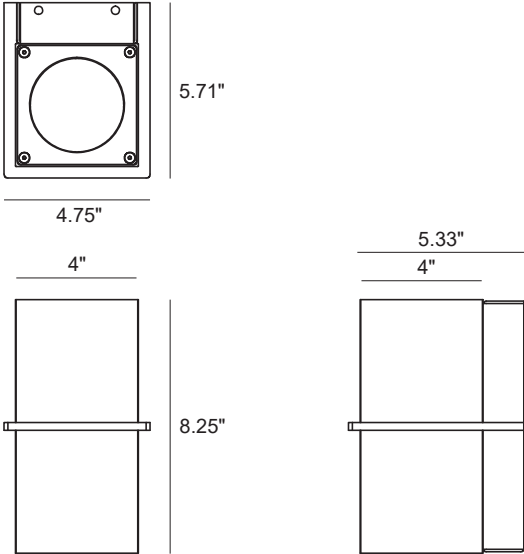


Wildlife Lighting
Certification Number 2018-040



Tessera 3151LED Turtle Friendly Bollard





Tessera 3203LED Up/Down Wall Mount

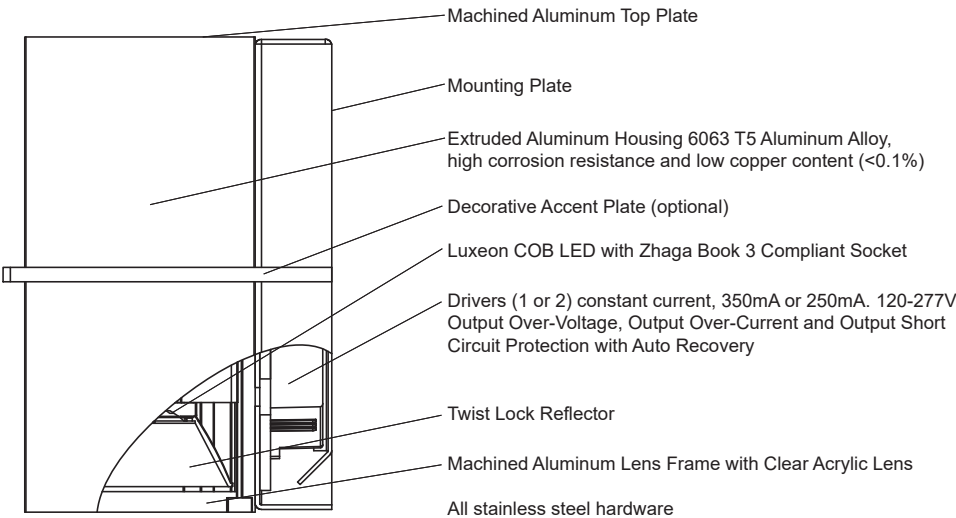
INTERIOR/EXTERIOR

MODEL	LED MODULE	COLOR TEMPERATURE	VOLT	DISTRIBUTION - UP	DISTRIBUTION - DOWN	ACCENT PLATE	OPTIONS	COLOR
3203	1 x 12L ⁵ <i>1 x 12 watts¹ 1219 lumens²</i>	40* 4000K	120*	SP 19° spot	SP 19° spot	0 no accent plate	DIM* 0 - 10 volt dimming	WT white texture
	2 x 12L <i>2 x 12 watts¹ 2438 lumens²</i>	35 3500K	208	FL 30° flood	FL 30° flood	1() painted plate (specify finish, std paint to match)	90 90 CRI	BT black texture
	1 x 9L ⁵ <i>1 x 9 watts¹ 930 lumens²</i>	30 3000K	240	WFL 45° wide flood	WFL 45° wide flood			SM silver metallic
	2 x 9L <i>2 x 9 watts¹ 1860 lumens²</i>	27 2700K	277	VWFL 94° very wide flood	VWFL 94° very wide flood			AN aluminum natural
				PB+ pencil beam ⁵ 8 watts ¹ 3000K and 4000K only	T3 type III optic ³ PB pencil beam ⁵ 8 watts ¹ 3000K and 4000K only	3 stainless steel plate		BZ bronze
								GM gunmetal
								WS white satin
								BM black matte
								RAL specify no.

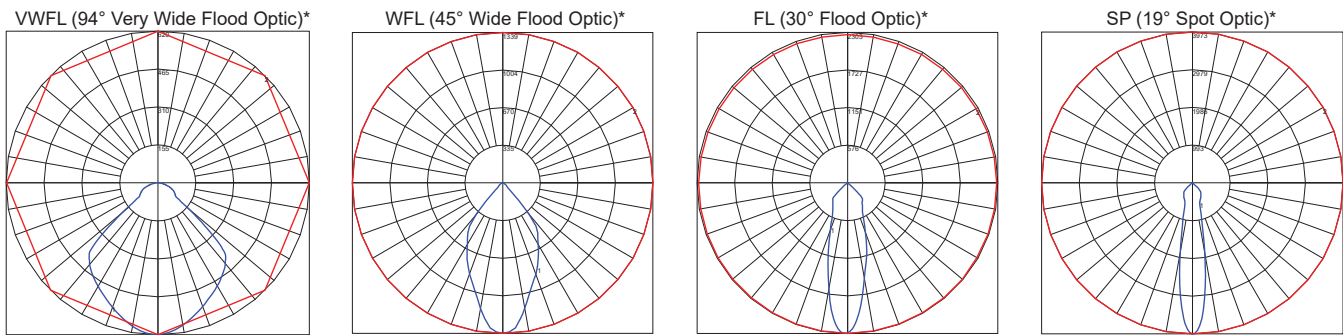
*Standard configuration unless otherwise specified
¹Nominal LED Power ²Delivered lumens (4000K, 80CRI), not applicable to PB
³See Tessera 3101 specification sheet for details ⁴Not available with pencil beam optic
⁵Pencil beam LED module has a nominal LED power of 8 watts, replaces COB LED module watts. Not available in 347 volt.
⁶If ordering single module specify whether up(U) or down(D) distribution is desired ie. 3203-1x12L-40-120-FL(D)-0-WT

SAMPLE CATALOG NUMBER: 3203 - 2 x 12L - 40 - 120 - SP - SP - 1(WT) - WT
Using this catalog number would order 1 model 3203 wall mount luminaire using 2 - 12 watt LED modules with spot optics for the up and down distribution with a color temperature of 4000K wired to 120 volts, painted white texture polyester powder coat with the decorative accent plate painted to match the luminaire.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Constant current driver 350mA or 250mA, Luxeon COB with Zhaga compliant socket, 80 CRI standard. Pencil beam uses a proprietary PCB. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The 3203LED series is designed for wall mounting. A heavy gauge mounting plate is secured to the wall and mounted independently of the recessed 4" octagon j-box (by others). The main housing hooks on to the mounting plate and is secured by two stainless steel set screws. For outdoor applications silicone seal is required across the top and down the sides between the housing and mounting surface. Maximum fixture weight 9 lbs.</p>	<p>The 3203LED luminaire uses Chip-on-Board technology with Zhaga Book 3 compliant socket, field changeable high efficiency twist lock reflectors and clear acrylic lens. Pencil beam optic is a fixed optic (FWHM 7° x 55°) mounted to a proprietary PCB.</p>	<p>The 3203LED series is listed for use in wet locations to UL and CSA Standards. Reported L70 (10k) >55,000 hours per TM-21. Calculated L70 >100,000 hours at 45°C ambient. IP65 rated.</p>



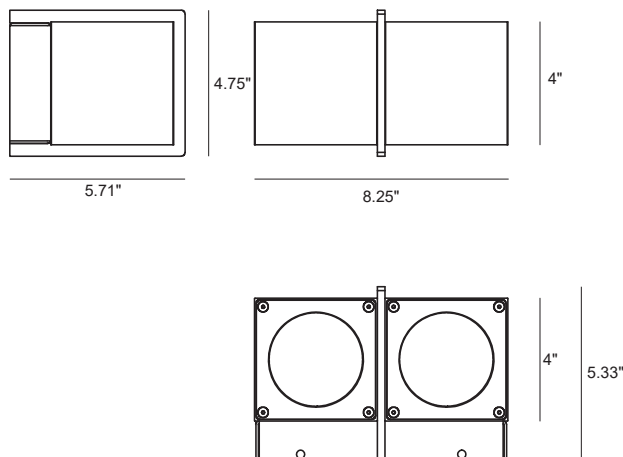
Tessera 3203LED



*Based on 12L down only

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
3203-2x12L	4000	80	2438	2 x 12 watts	27.26 watts	89.4
3203-1x12L	4000	80	1219	1 x 12 watts	13.63 watts	89.4
3203-2x9L	4000	80	1860	2 x 9 watts	19.28 watts	96.5
3203-1x9L	4000	80	930	1 x 9 watts	9.64 watts	96.5
Lumen Multipliers	3500K - 0.962 3000K - 0.944 2700K - 0.923 90 CRI - 0.842					

*Based on system power.



Tessera 3204LED Wall Mount

INTERIOR/EXTERIOR

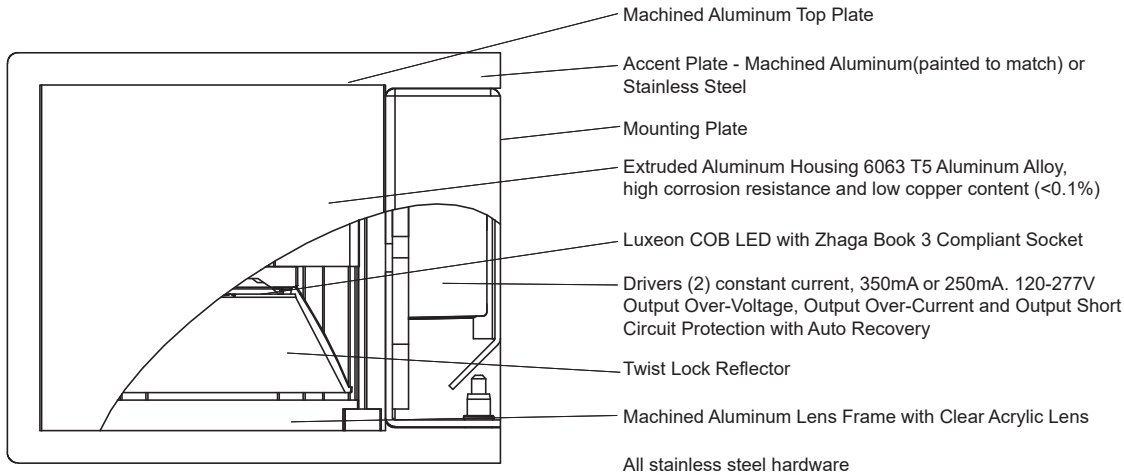
MODEL	LED MODULE	COLOR TEMPERATURE	VOLT	DISTRIBUTION	ACCENT PLATE	OPTIONS	COLOR
3204	2 x 12L <small>2 x 12 watts¹ 2438 lumens²</small>	40* 4000K	120*	SP 19° spot	1* painted plate (std)	DIM 0 - 10 volt dimming	WT white texture
		35 3500K	208	FL 30° flood	3 stainless steel plate	90 90 CRI	BT black texture
	2 x 9L <small>2 x 9 watts¹ 1860 lumens²</small>	30 3000K	240	WFL 45° wide flood			SM silver metallic
		27 2700K	277	VWFL 94° very wide flood			AN aluminum natural
				T3 type III optic ³			BZ bronze
							GM gunmetal
							WS white satin
							BM black matte
							RAL specify no.

*Standard configuration unless otherwise specified ¹Nominal LED Power ²Delivered lumens (4000K, 80CRI) ³See Tessera 3101 specification sheet for details

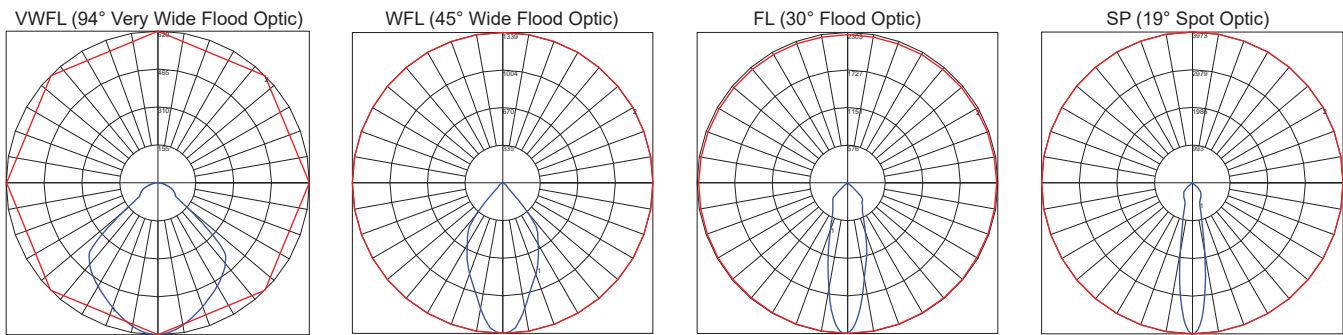
SAMPLE CATALOG NUMBER: 3204 - 2 x 12L - 40 - 120 - SP - 1 - WT

Using this catalog number would order 1 model 3204 wall mount luminaire using spot optics and 2 - 12 watt LED modules with a color temperature of 4000K wired to 120 volts, painted white texture polyester powder coat with the accent plate painted to match.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Constant current driver 350mA or 250mA, Luxeon COB with Zhaga compliant socket, 80 CRI standard. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The 3204LED series is designed for wall mounting. A heavy gauge mounting plate is secured to the wall and mounted independently of the recessed 4" octagon j-box (by others). The main housing hooks on to the mounting plate and is secured by two stainless steel set screws. For outdoor applications silicone seal is required across the top and down the sides between the housing and mounting surface. Maximum fixture weight 9 lbs.</p>	<p>The 3204LED luminaire uses Chip-on-Board technology with Zhaga Book 3 compliant socket, field changeable high efficiency twist lock reflectors and clear acrylic lens.</p>	<p>The 3204LED series is listed for use in wet locations to UL and CSA Standards. Reported L70 (10k) >55,000 hours per TM-21. Calculated L70 >100,000 hours at 45°C ambient. IP65 rated.</p>



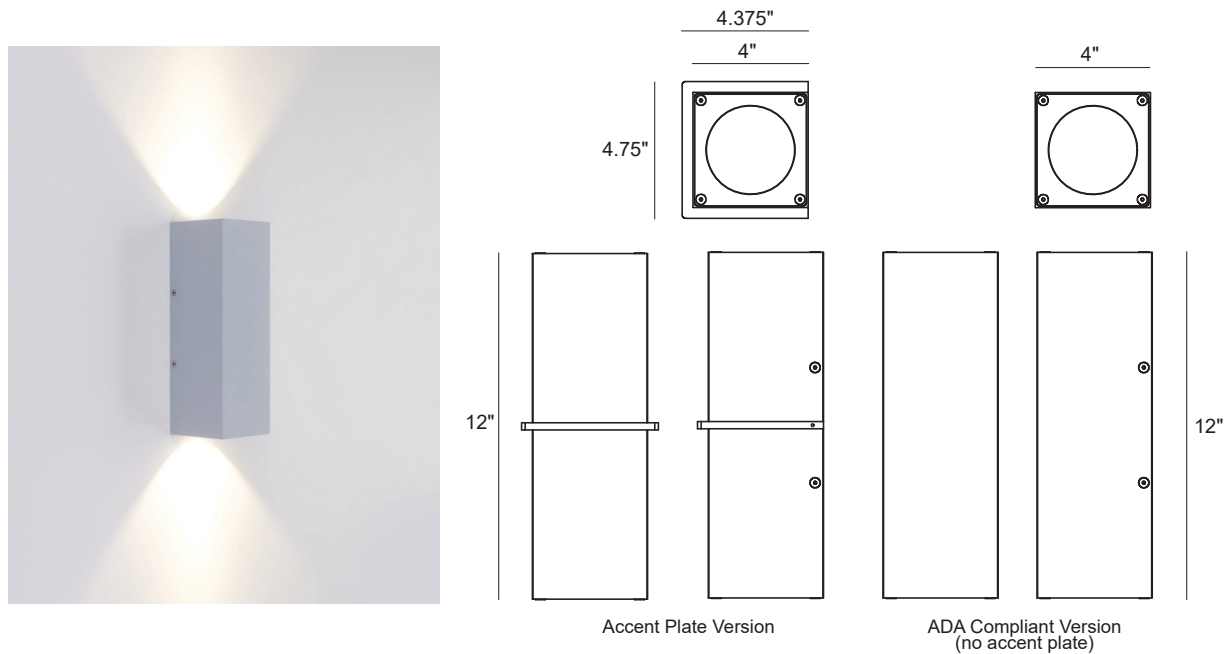
Tessera 3204LED



Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
3204-12L	4000	80	2438	2 x 12 watts	27.26 watts	89.4
3204-9L	4000	80	1860	2 x 9 watts	19.28 watts	96.5

Lumen Multipliers	3500K - 0.962	3000K - 0.944	2700K - 0.923	90 CRI - 0.842
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*Based on system power.



Tessera 3303LED Wall Mount Up/Down

INTERIOR/EXTERIOR

MODEL	LED MODULE	COLOR TEMPERATURE	VOLT	DISTRIBUTION - UP	DISTRIBUTION - DOWN	ACCENT PLATE	OPTIONS	COLOR
3303	1 x 23L <i>1 x 23 watts¹ 2271 lumens²</i>	40* 4000K	120*	SP 19° spot	SP 19° spot	0 no accent plate	DIM* 0 - 10 volt dimming	WT white texture
	2 x 23L <i>2 x 23 watts¹ 4542 lumens²</i>	35 3500K	208	FL 30° flood	FL 30° flood	1() painted plate (specify finish - std. painted to match)	90 90 CRI	BT black texture
	1 x 19L <i>1 x 19 watts¹ 1913 lumens²</i>	30 3000K	240	WFL 45° wide flood	WFL 45° wide flood			SM silver metallic
	2 x 19L <i>2 x 19 watts¹ 3826 lumens²</i>	27 2700K	277	VWFL 94° very wide flood	VWFL 94° very wide flood			AN aluminum natural
	1 x 12L <i>1 x 12 watts¹ 1219 lumens²</i>			PB pencil beam ⁴ 8 watts ¹ 3000K or 4000K only	PB pencil beam ⁴ 8 watts ¹ 3000K or 4000K only	3 stainless steel plate		BZ bronze
	2 x 12L <i>2 x 12 watts¹ 2438 lumens²</i>				T3 type III optic (12L down only)			GM gunmetal
	1 x 9L <i>1 x 9 watts¹ 930 lumens²</i>							WS white satin
	2 x 9L <i>2 x 9 watts¹ 1860 lumens²</i>							BM black matte
								RAL specify no.

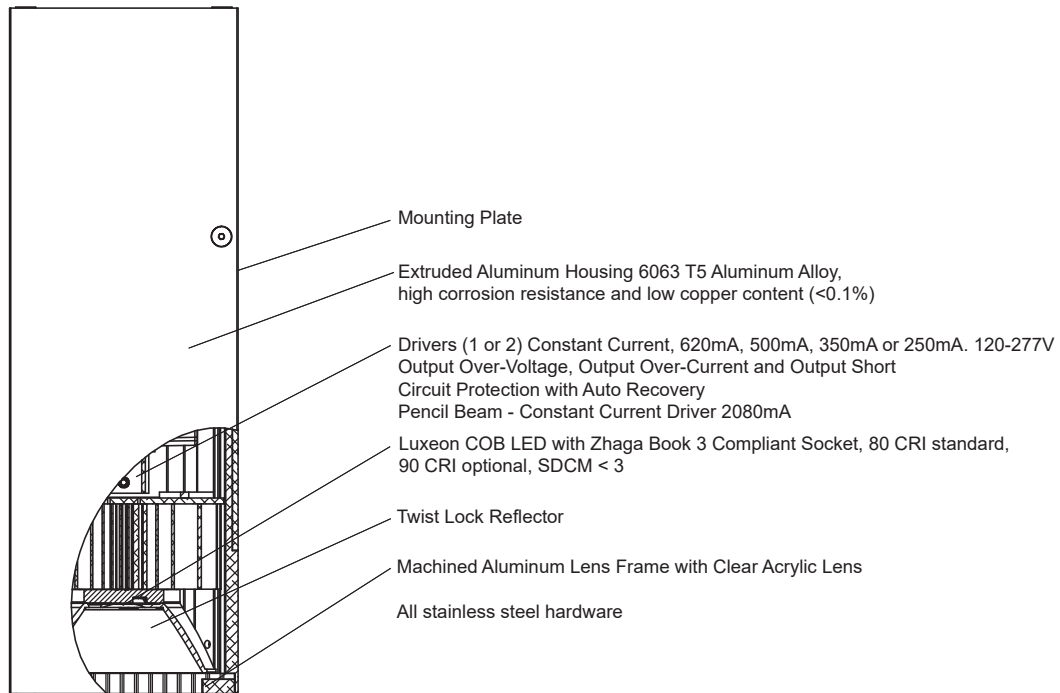
*Standard configuration unless otherwise specified

¹Nominal LED Power ²Delivered(4000K, 80CRI), not applicable to PB ³Not available with pencil beam distribution ⁴Pencil beam LED module has a nominal LED power of 8 watts, replaces COB module watts.

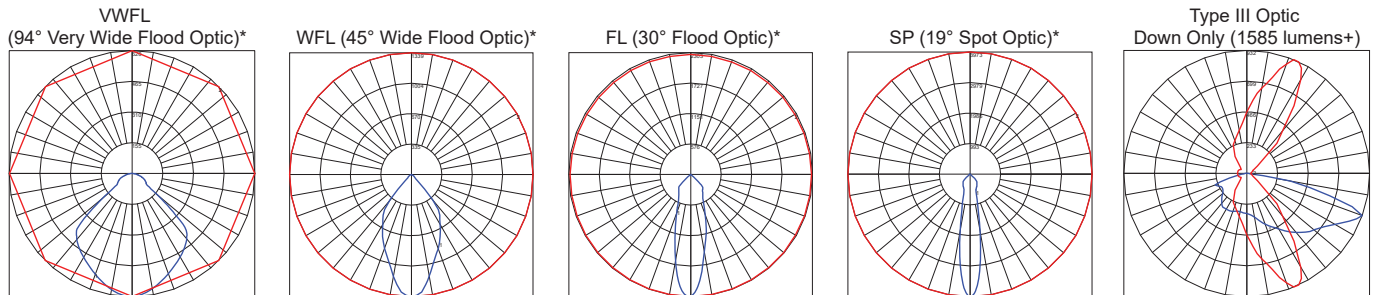
SAMPLE CATALOG NUMBER: 3303 - 2 x 12L - 40 - 120 - PB - FL - 1(BT) - WT

Using this catalog number would order 1 model 3303 wall mount luminaire using two 12 watt LED modules with pencil beam up and flood down distribution, a color temperature of 4000K wired to 120 volts, painted white texture polyester powder coat with the decorative accent plate painted black texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Constant current driver 620mA, 500mA, 350mA or 250mA, Luxeon COB with Zhaga compliant socket, 80 CRI standard. Pencil beam uses a proprietary PCB with constant current driver 2080mA. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The 3303LED series is designed for wall mounting and when specified without the optional accent plate is ADA compliant. A heavy gauge mounting plate is secured to the standard ears of a junction box or independently through holes provided in the mounting plate. The main housing body is secured on to the mounting plate by flat head screws on the side of the housing. For single distribution the luminaire can be mounted in the up or down position except using the type III optic which can be mounted in the down position only. Maximum fixture weight 9 lbs.</p>	<p>The 3303LED luminaire uses Chip-on-Board technology with SDCM < 3, Zhaga Book 3 compliant socket, field changeable high efficiency twist lock reflectors and clear acrylic lens. Pencil beam distribution uses a fixed optic (FWHM 7° x 55°) mounted to a proprietary PCB. BUG rating when configured with a down light LED module only is B1 - U0 - G0.</p>	<p>The 3303LED series is listed for use in wet locations to UL and CSA Standards. Reported L70 (10k) >55,000 hours per TM-21. Calculated L70 >100,000 hours at 45°C ambient. IP65 rated.</p>



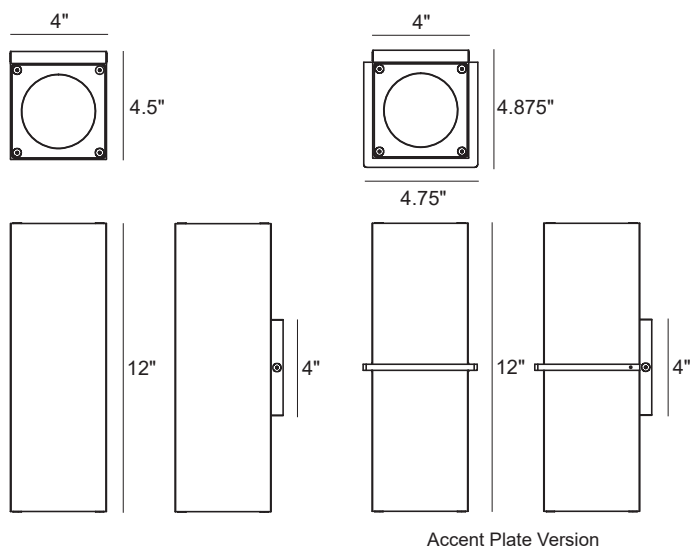
Tessera 3303LED



*Based on 12L down only +12 watt, Lumen output of type III optic varies from standard COB modules - see Tessera 3101 specification sheet for details.

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
3303 - 1 x 23L	4000	80	2271	1 x 23 watts	26.00 watts	87.0
3303 - 2 x 23L	4000	80	4542	2 x 23 watts	52.00 watts	87.0
3303 - 1 x 19L	4000	80	1913	1 x 19 watts	21.83 watts	87.6
3303 - 2 x 19L	4000	80	3826	2 x 19 watts	43.67 watts	87.6
3303 - 1 x 12L	4000	80	1219	1 x 12 watts	13.63 watts	89.4
3303 - 2 x 12L	4000	80	2438	2 x 12 watts	27.26 watts	89.4
3303 - 1 x 9L	4000	80	930	1 x 9 watts	9.64 watts	96.5
3303 - 2 x 9L	4000	80	1860	2 x 9 watts	19.28 watts	96.5

Lumen Multipliers	3500K - 0.962	3000K - 0.944	2700K - 0.923	90 CRI - 0.842
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Tessera 3313LED Wall Mount Up/Down

INTERIOR/EXTERIOR

MODEL	LED MODULE		COLOR TEMPERATURE	VOLT	DISTRIBUTION - UP	DISTRIBUTION - DOWN	ACCENT PLATE	OPTIONS	COLOR						
3313	1 x 23L	1 x 23 watts ¹ 2271 lumens ²	40*	4000K	120*	SP	19° spot	SP	19° spot	0	no accent plate	DIM ³	0 - 10 volt dimming	WT	white texture
	2 x 23L	2 x 23 watts ¹ 4542 lumens ²	35	3500K	208	FL	30° flood	FL	30° flood	1()	painted plate (specify finish - std. painted to match)	90	90 CRI	BT	black texture
			30	3000K	240	WFL	45° wide flood	WFL	45° wide flood					SM	silver metallic
	1 x 19L	1 x 19 watts ¹ 1913 lumens ²	27	2700K	277	VWFL	94° very wide flood	VWFL	94° very wide flood			WP	wall plate (6, 8 or 10")	AN	aluminum natural
	2 x 19L	2 x 19 watts ¹ 3826 lumens ²				PB ⁴	pencil beam 8 watts ¹ 3000K or 4000K only	PB ⁴	pencil beam 8 watts ¹ 3000K or 4000K only	3	stainless steel plate			BZ	bronze
													GM	gunmetal	
	1 x 12L	1 x 12 watts ¹ 1219 lumens ²												WS	white satin
	2 x 12L	2 x 12 watts ¹ 2438 lumens ²						T3	type III optic (12L down only)					BM	black matte
													RAL	specify no.	
1 x 9L	1 x 9 watts ¹ 930 lumens ²														
2 x 9L	2 x 9 watts ¹ 1860 lumens ²														

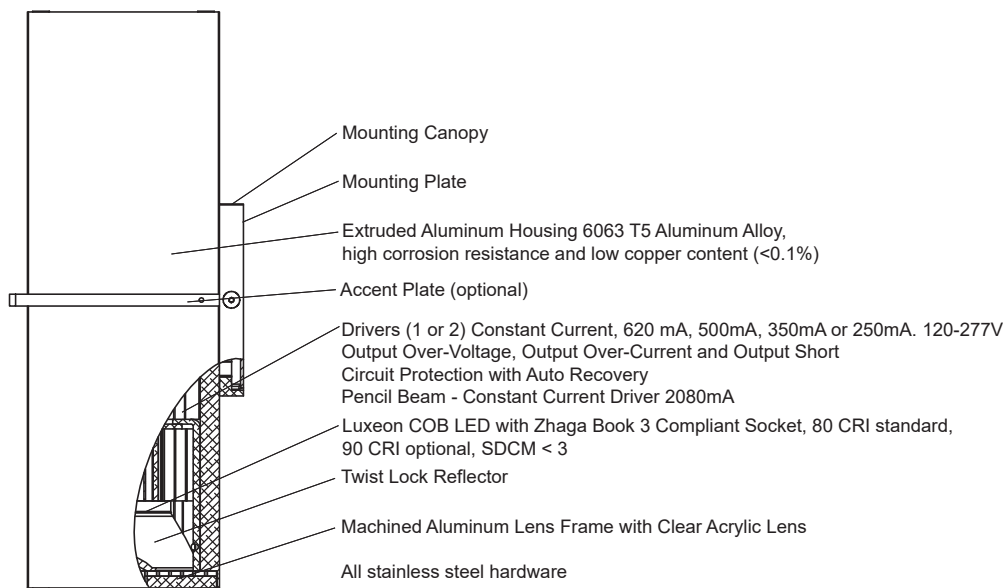
*Standard configuration unless otherwise specified

¹Nominal LED Power ²Delivered(4000K, 80CRI), not applicable to PB ³Not available with pencil beam distribution ⁴Pencil beam LED module has a nominal LED power of 8 watts, replaces COB module watts.

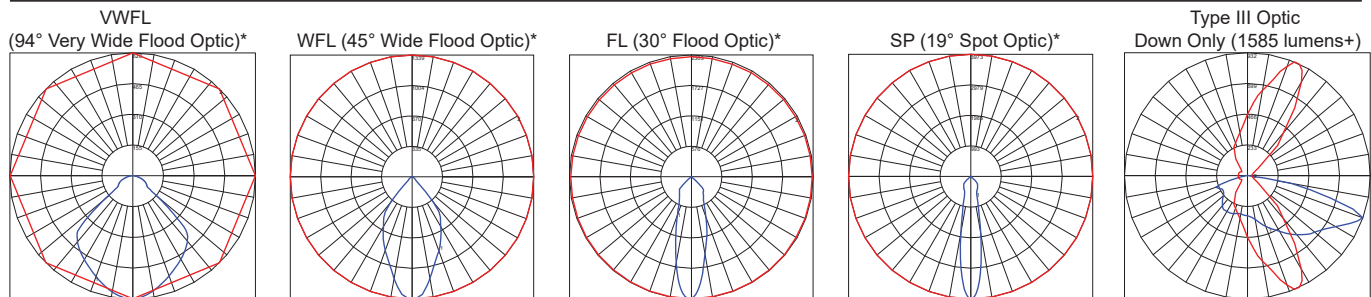
SAMPLE CATALOG NUMBER: 3313 - 2 x 12L - 40 - 120 - PB - FL - 1(BT) - WT

Using this catalog number would order 1 model 3313 wall mount luminaire using 2 - 12 watt LED modules with pencil beam up and flood down distribution, a color temperature of 4000K wired to 120 volts, painted white texture polyester powder coat with the decorative accent plate painted black texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Constant current driver 620mA, 500mA, 350mA or 250mA, Luxeon COB with Zhaga compliant socket, 80 CRI standard. Pencil beam uses a proprietary PCB with constant current driver 2080mA. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The 3313LED series is designed for wall mounting. A mounting plate is provided to secure to a recessed 4" octagon junction box (by others). The main housing body and shallow canopy attach to the mounting plate through the sides of the canopy by flat head screws. Maximum fixture weight 9 lbs.</p>	<p>The 3313LED luminaire uses Chip-on-Board technology with SDCM < 3, Zhaga Book 3 compliant socket, field changeable high efficiency twist lock reflectors and clear acrylic lens. Pencil beam distribution uses a fixed optic (FWHM 7° x 55°) mounted to a proprietary PCB. BUG rating when configured with a down light only LED module is B1 - U0 - G0.</p>	<p>The 3313LED series is listed for use in wet locations to UL and CSA Standards. Reported L70 (10k) >55,000 hours per TM-21. Calculated L70 >100,000 hours at 45°C ambient. IP65 rated.</p>



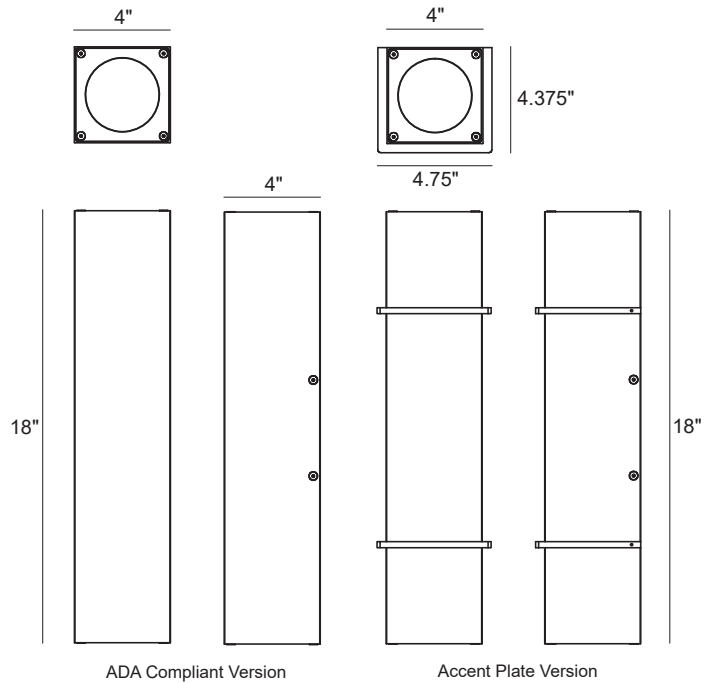
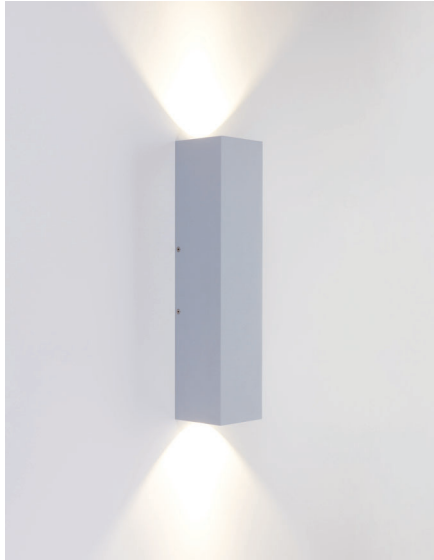
Tessera 3313LED



*Based on 12L down only +Lumen output of type III optic varies from standard COB modules - see Tessera 3101 specification sheet for details.

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
3313 - 1 x 23L	4000	80	2271	1 x 23 watts	26.00 watts	87.0
3313 - 2 x 23L	4000	80	4542	2 x 23 watts	52.00 watts	87.0
3313 - 1 x 19L	4000	80	1913	1 x 19 watts	21.83 watts	87.6
3313 - 2 x 19L	4000	80	3826	2 x 19 watts	43.67 watts	87.6
3313 - 1 x 12L	4000	80	1219	1 x 12 watts	13.63 watts	89.4
3313 - 2 x 12L	4000	80	2438	2 x 12 watts	27.26 watts	89.4
3313 - 1 x 9L	4000	80	930	1 x 9 watts	9.64 watts	96.5
3313 - 2 x 9L	4000	80	1860	2 x 9 watts	19.28 watts	96.5
Lumen Multipliers	3500K - 0.962	3000K - 0.944	2700K - 0.923	90 CRI - 0.842		

*Based on system power.



Tessaera 3403LED Wall Mount Up/Down

INTERIOR/EXTERIOR

MODEL	LED MODULE	COLOR TEMPERATURE	VOLT	DISTRIBUTION - UP	DISTRIBUTION - DOWN	ACCENT PLATE	OPTIONS	COLOR
3403	1 x 23L <i>1 x 23 watts¹ 2271 lumens²</i>	40* 4000K	120*	SP 19° spot	SP 19° spot	0 no accent plates	DIM ³ 0 - 10 volt dimming	WT white texture
	2 x 23L <i>2 x 23 watts¹ 4542 lumens²</i>	35 3500K	208	FL 30° flood	FL 30° flood	1() painted plates (specify finish - std. painted to match)	90 90 CRI	BT black texture
	1 x 19L <i>1 x 19 watts¹ 1913 lumens²</i>	30 3000K	240	WFL 45° wide flood	WFL 45° wide flood			SM silver metallic
	2 x 19L <i>2 x 19 watts¹ 3826 lumens²</i>	27 2700K	277	VWFL 94° very wide flood	VWFL 94° very wide flood			AN aluminum natural
	1 x 12L <i>1 x 12 watts¹ 1219 lumens²</i>			PB ⁴ pencil beam 8 watts ¹ 3000K or 4000K only	PB ⁴ pencil beam 8 watts ¹ 3000K or 4000K only	3 stainless steel plates		BZ bronze
	2 x 12L <i>2 x 12 watts¹ 2438 lumens²</i>				T3 type III optic (12L down only)			GM gunmetal
	1 x 9L <i>1 x 9 watts¹ 930 lumens²</i>							WS white satin
	2 x 9L <i>2 x 9 watts¹ 1860 lumens²</i>							BM black matte
								RAL specify no.

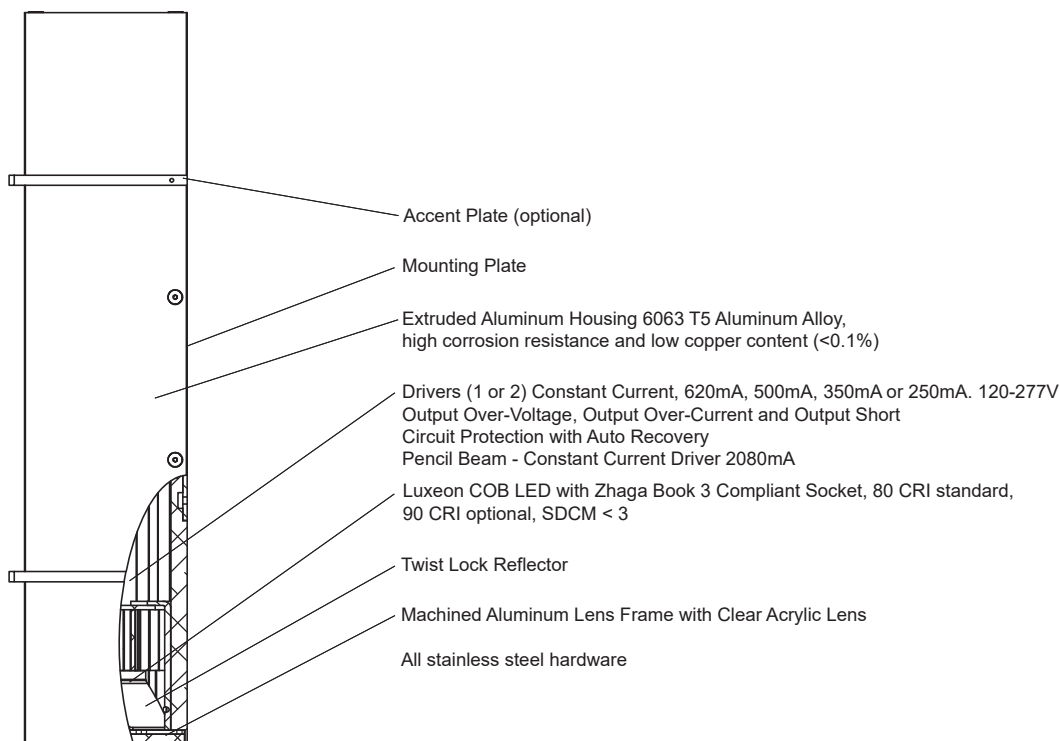
*Standard configuration unless otherwise specified

¹Nominal LED Power ²Delivered(4000K, 80CRI), not applicable to PB ³Not available with pencil beam distribution ⁴Pencil beam LED module has a nominal LED power of 8 watts, replaces COB module watts.

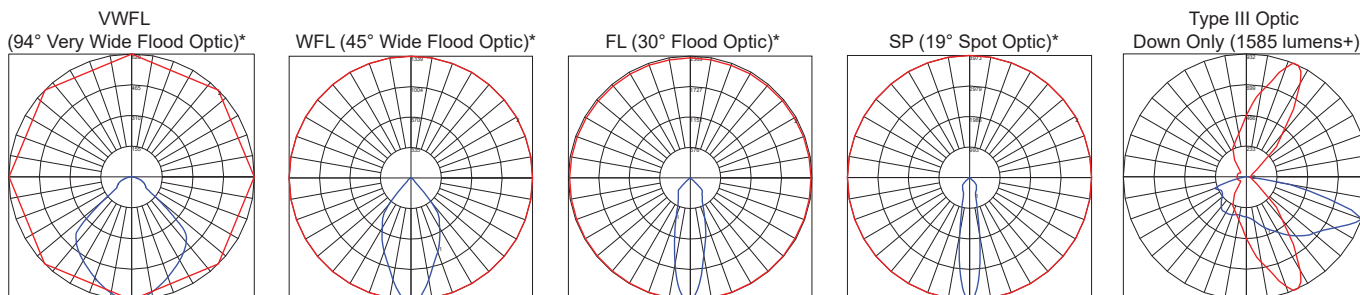
SAMPLE CATALOG NUMBER: 3403 - 2 x 12L - 40 - 120 - PB - FL - 1(BT) - WT

Using this catalog number would order 1 model 3403 wall mount luminaire using 2 - 12 watt LED modules with pencil beam up and flood down distribution, a color temperature of 4000K wired to 120 volts, painted white texture polyester powder coat with the decorative accent plates painted black texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Constant current driver 620 mA, 500mA, 350mA or 250mA, Luxeon COB with Zhaga compliant socket, 80 CRI standard. Pencil beam uses a proprietary PCB with constant current driver 2080mA. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The 3403LED series is designed for wall mounting and when specified without the optional accent plates is ADA compliant. A heavy gauge mounting plate is secured to the standard ears of a junction box or independently through holes provided in the mounting plate. The main housing body is secured on to the mounting plates by flat head screws on the side of the housing. Maximum fixture weight 10 lbs.</p>	<p>The 3403LED luminaire uses Chip-on-Board technology with SDCM < 3, Zhaga Book 3 compliant socket, field changeable high efficiency twist lock reflectors and clear acrylic lens. Pencil beam distribution uses a fixed optic (FWHM 7° x 55°) mounted to a proprietary PCB. BUG rating when configured with a down light LED module only is B1 - U0 - G0.</p>	<p>The 3403LED series is listed for use in wet locations to UL and CSA Standards. Reported L70 (10k) >55,000 hours per TM-21. Calculated L70 >100,000 hours at 45°C ambient. IP65 rated.</p>

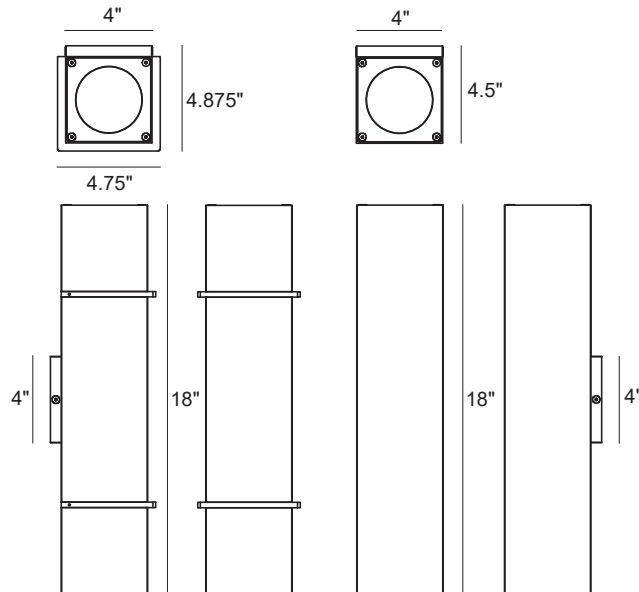


Tessera 3403LED



*Based on 12L down only +Lumen output of type III optic varies from standard COB modules - see Tessera 3101 specification sheet for details.

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
3403 - 1 x 23L	4000	80	2271	1 x 23 watts	26.00 watts	87.0
3403 - 2 x 23L	4000	80	4542	2 x 23 watts	52.00 watts	87.0
3403 - 1 x 19L	4000	80	1913	1 x 19 watts	21.83 watts	87.6
3403 - 2 x 19L	4000	80	3826	2 x 19 watts	43.67 watts	87.6
3403 - 1 x 12L	4000	80	1219	1 x 12 watts	13.63 watts	89.4
3403 - 2 x 12L	4000	80	2438	2 x 12 watts	27.26 watts	89.4
3403 - 1 x 9L	4000	80	930	1 x 9 watts	9.64 watts	96.5
3403 - 2 x 9L	4000	80	1860	2 x 9 watts	19.28 watts	96.5
Lumen Multipliers		3500K - 0.962	3000K - 0.944	2700K - 0.923	90 CRI - 0.842	



Accent Plate Version

Tessaera 3413LED Wall Mount Up/Down

INTERIOR/EXTERIOR

MODEL	LED MODULE	COLOR TEMPERATURE	VOLT	DISTRIBUTION - UP	DISTRIBUTION - DOWN	ACCENT PLATE	OPTIONS	COLOR
3413	1 x 23L <i>1 x 23 watts¹ 2271 lumens²</i>	40* 4000K	120*	SP 19° spot	SP 19° spot	0 no accent plates	DIM ³ 0 - 10 volt dimming	WT white texture
	2 x 23L <i>2 x 23 watts¹ 4542 lumens²</i>	35 3500K	208	FL 30° flood	FL 30° flood	1() painted plates (specify finish - std. painted to match)	90 90 CRI	BT black texture
	1 x 19L <i>1 x 19 watts¹ 1913 lumens²</i>	30 3000K	240	WFL 45° wide flood	WFL 45° wide flood		WP wall plate (6, 8 or 10")	SM silver metallic
	2 x 19L <i>2 x 19 watts¹ 3826 lumens²</i>	27 2700K	277	VWFL 94° very wide flood	VWFL 94° very wide flood			AN aluminum natural
	1 x 12L <i>1 x 12 watts¹ 1219 lumens²</i>			PB ⁴ pencil beam 8 watts ¹ 3000K or 4000K only	PB ⁴ pencil beam 8 watts ¹ 3000K or 4000K only	3 stainless steel plates		BZ bronze
	2 x 12L <i>2 x 12 watts¹ 2438 lumens²</i>				T3 type III optic (12L down only)			GM gunmetal
	1 x 9L <i>1 x 9 watts¹ 930 lumens²</i>							WS white satin
	2 x 9L <i>2 x 9 watts¹ 1860 lumens²</i>							BM black matte
								RAL specify no.

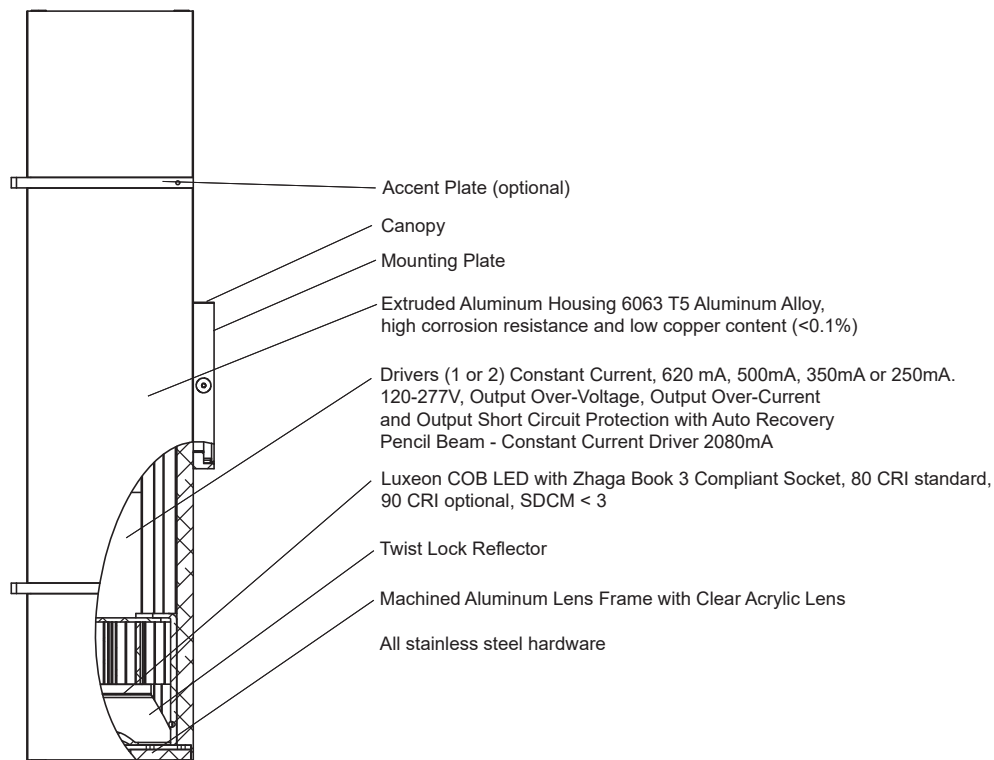
*Standard configuration unless otherwise specified

¹Nominal LED Power ²Delivered(4000K, 80CRI), not applicable to PB ³Not available with pencil beam distribution ⁴Pencil beam LED module has a nominal LED power of 8 watts, replaces COB module watts.

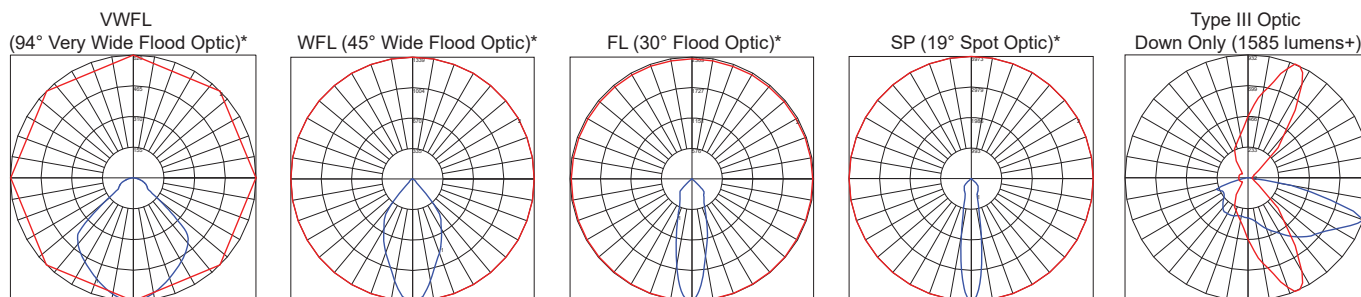
SAMPLE CATALOG NUMBER: 3413 - 2 x 12L - 40 - 120 - PB - FL - 1(BT) - WT

Using this catalog number would order 1 model 3413 wall mount luminaire using 2 - 12 watt LED modules with pencil beam up and flood down distribution, a color temperature of 4000K wired to 120 volts, painted white texture polyester powder coat with the decorative accent plates painted black texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Constant current driver 620mA, 500mA, 350mA or 250mA, Luxeon COB with Zhaga compliant socket, 80 CRI standard. Pencil beam uses a proprietary PCB with constant current driver 2080mA. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The 3413LED series is designed for wall mounting. A mounting plate is provided to secure to a recessed 4" octagon junction box (by others). The main housing body and shallow canopy attach to the mounting plate through the sides of the canopy by flat head screws. Maximum fixture weight 10 lbs.</p>	<p>The 3413LED luminaire uses Chip-on-Board technology with SDCM < 3, Zhaga Book 3 compliant socket, field changeable high efficiency twist lock reflectors and clear acrylic lens. Pencil beam distribution uses a fixed optic (FWHM 7° x 55°) mounted to a proprietary PCB. BUG rating when configured with a down light LED module only is B1 - U0 - G0.</p>	<p>The 3413LED series is listed for use in wet locations to UL and CSA Standards. Reported L70 (10k) >55,000 hours per TM-21. Calculated L70 >100,000 hours at 45°C ambient. IP65 rated.</p>



Tessera 3413LED

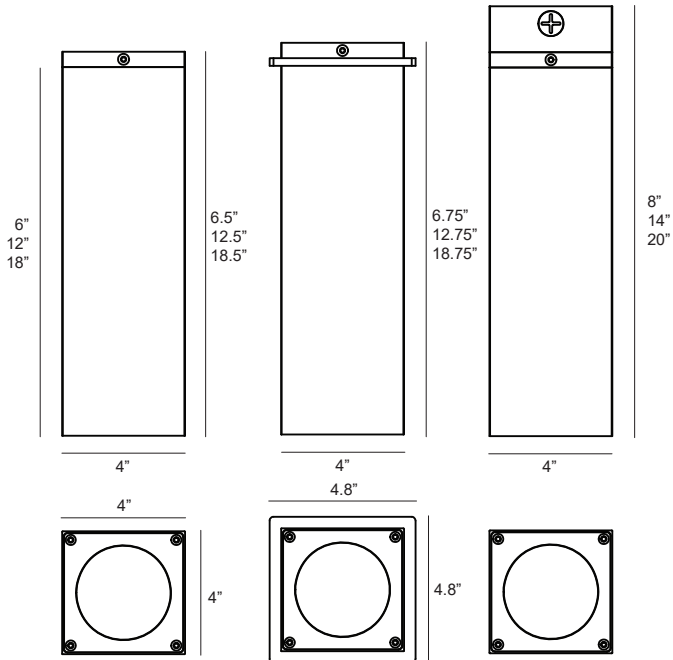


*Based on 12L down only +Lumen output of type III optic varies from standard COB modules - see Tessera 3101 specification sheet for details.

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
3413 - 1 x 23L	4000	80	2271	1 x 23 watts	26.00 watts	87.0
3413 - 2 x 23L	4000	80	4542	2 x 23 watts	52.00 watts	87.0
3413 - 1 x 19L	4000	80	1913	1 x 19 watts	21.83 watts	87.6
3413 - 2 x 19L	4000	80	3826	2 x 19 watts	43.67 watts	87.6
3413 - 1 x 12L	4000	80	1219	1 x 12 watts	13.63 watts	89.4
3413 - 2 x 12L	4000	80	2438	2 x 12 watts	27.26 watts	89.4
3413 - 1 x 9L	4000	80	930	1 x 9 watts	9.64 watts	96.5
3413 - 2 x 9L	4000	80	1860	2 x 9 watts	19.28 watts	96.5
Lumen Multipliers		3500K - 0.962	3000K - 0.944	2700K - 0.923	90 CRI - 0.842	



6" length shown



With Accent Plate

With Surface Canopy

Tessera 3921LED Surface Ceiling Mount

INTERIOR/EXTERIOR

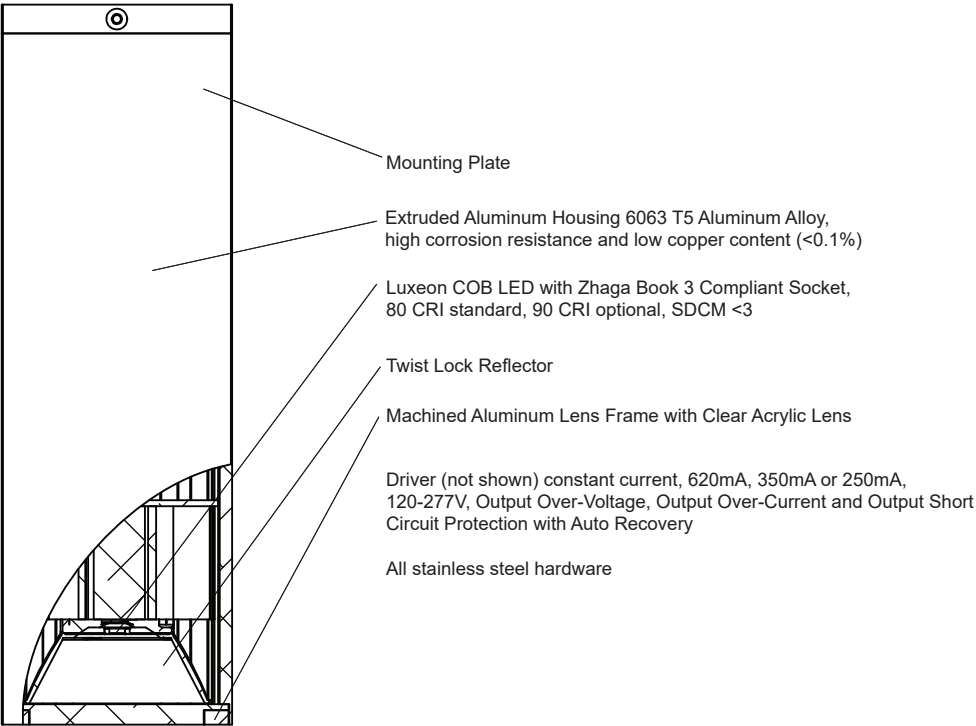
MODEL	LENGTH	LED MODULE	COLOR TEMPERATURE	VOLT	DISTRIBUTION	OPTIONS	COLOR
3921	18"	23L	1 x 23 watts ¹ 2271 lumens ²	40* 4000K	120*	SP 19° spot	90 90 CRI
	12"	12L	1 x 12 watts ¹ 1219 lumens ²	35 3500K	208	FL 30° flood	DIM dimming (0-10V)
	6"			30 3000K	240	WFL 45° wide flood	1 painted accent plate
		9L	1 x 9 watts ¹ 930 lumens ²	27 2700K	277	VWFL 94° very wide flood	3 stainless steel accent plate
						SC surface wiring conduit feed canopy	AN aluminum natural
						SC1 surface wiring canopy	BZ bronze
						CP(_) ceiling plate (specify 6, 8 or 10")	GM gunmetal
						NAT natatorium construction	WS white satin
							BM black matte
							RAL specify no.

*Standard configuration unless otherwise specified ¹Nominal LED Power ²Delivered lumens (4000K, 80CRI)

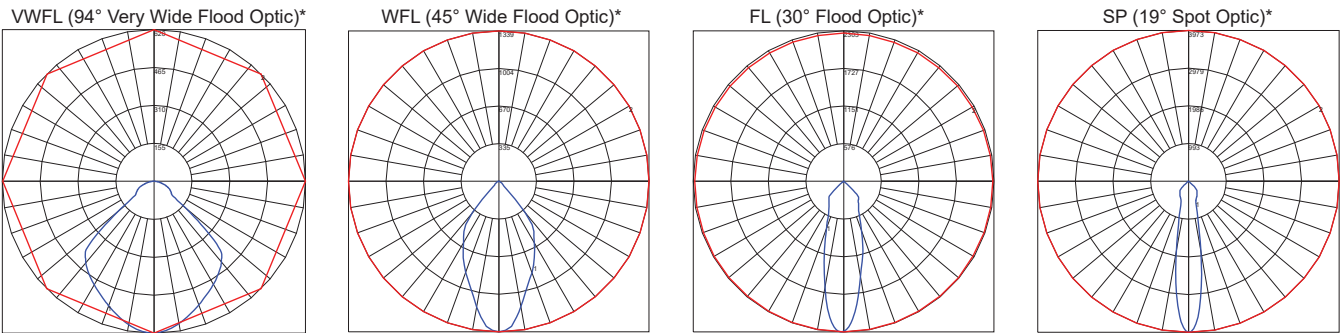
SAMPLE CATALOG NUMBER: 3921 - 12" - 12L - 40 - 120 - SP - 1 - WT

Using this catalog number would order 1 model 3921 ceiling mount luminaire with a 12" housing length using spot optics and a 12 watt LED module with a color temperature of 4000K wired to 120 volts and a decorative accent plate painted to match the luminaire in white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components</p> <p>Constant current driver 620mA, 350mA or 250mA, Luxeon COB LED with Zhaga compliant socket. 80 CRI standard. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The 3921LED series is designed for ceiling mounting. The LED driver is integrally fixed to a mounting plate and designed to fit into a 4" octagon j-box (by others). The LED driver supplied with the fixture uses 4.5 cubic inches of J-Box volume. A suitable J-Box example is 15 cubic inch capacity Iberville 54151 (not included). Optional surface wiring canopy suitable for 1/2" conduit feed (no j-box required). Optional ceiling plate available to cover mounting surface, 6, 8 or 10" square. For outdoor applications silicone seal is required. Maximum fixture weight is 9 lbs.</p>	<p>The 3921LED luminaire uses Chip-on-Board technology with Zhaga Book 3 compliant socket, field changeable high efficiency twist lock reflectors and clear acrylic lens.</p>	<p>The 3921LED series is listed for use in wet locations to UL and CSA Standards, covered ceiling mount only. Reported L70 (10k) > 55,000 hours per TM-21. Calculated L70 >100,000 hours at 45°C ambient. IP65 rated.</p>



Tessera 3921LED

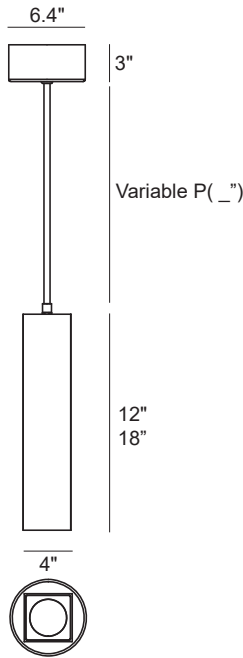


*Based on 3121-12L

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
3921-23L	4000	80	2271	23 watts	26.00 watts	87.0
3921-12L	4000	80	1219	12 watts	13.63 watts	89.4
3921-9L	4000	80	930	9 watts	9.64 watts	96.5

Lumen Multipliers	3500K - 0.962	3000K - 0.944	2700K - 0.923	90 CRI - 0.842
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*Based on system power.



Tessera 3931LED Pendant

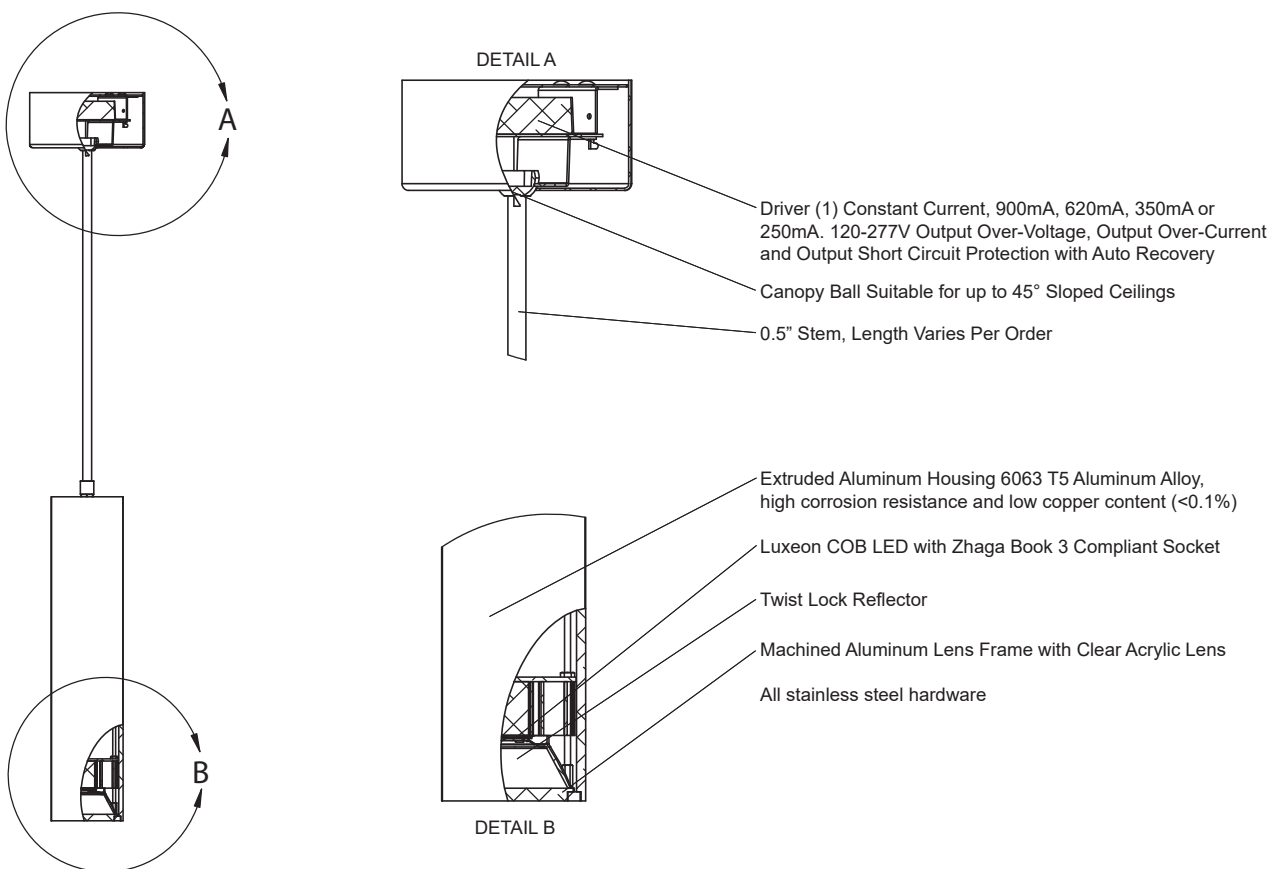
INTERIOR

MODEL	LENGTH	LED MODULE	COLOR TEMPERATURE	VOLT	DISTRIBUTION	DRIVER LOCATION	OPTIONS	COLOR		
3931	12"	1 x 32L <i>1 x 32 watts¹ 3459 lumens²</i>	40*	4000K	120*	SP	19° spot	INT* integral	DIM 0 - 10 volt dimming	WT white texture
	18"	1 x 23L <i>1 x 23 watts¹ 2271 lumens²</i>	35	3500K	208	FL	30° flood	REM remote	90 90 CRI	BT black texture
		1 x 12L <i>1 x 12 watts¹ 1219 lumens²</i>	30	3000K	240	WFL	45° wide flood		P(-) pendant length	SM silver metallic
		1 x 9L <i>1 x 9 watts¹ 930 lumens²</i>	27	2700K	277	VWFL	94° very wide flood			AN aluminum natural
										BZ bronze
										GM gunmetal
										WS white satin
										BM black matte
										RAL specify no.

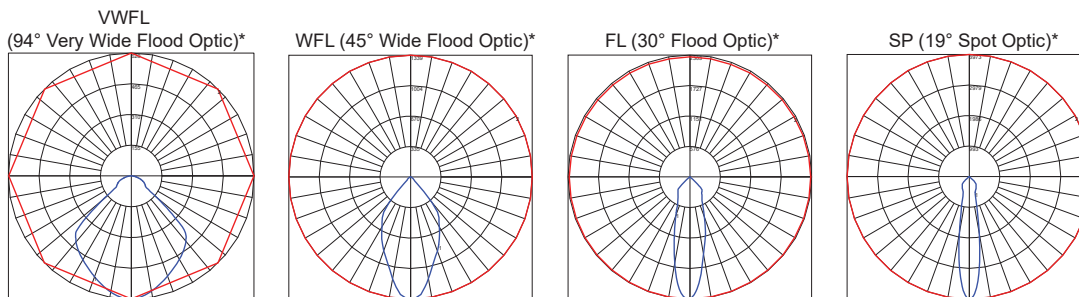
*Standard configuration unless otherwise specified ¹Nominal LED Power ²Delivered(4000K, 80CRI)

SAMPLE CATALOG NUMBER: 3931 - 12" - 1 x 12L - 40 - 120 - FL - INT - WT
Using this catalog number would order 1 model 3931 pendant mount luminaire with a length of 12" using one 12 watt LED modules with flood down distribution, a color temperature of 4000K wired to 120 volts, integral driver mounted in the canopy, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Constant current driver 900mA, 620mA, 350mA or 250mA, Luxeon COB with Zhaga compliant socket, 80 CRI standard. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The 3931LED series is designed to mount to a recessed 4" octagon j-box (by others). Integral driver, mounted in the canopy, is standard with remote mounted driver as an option. Canopy is supplied with a 45 degree swivel as standard.</p>	<p>The 3931LED luminaire uses Chip-on-Board technology with Zhaga Book 3 compliant socket, field changeable high efficiency twist lock reflectors and clear acrylic lens.</p>	<p>The 3931LED series is listed for use in dry/damp locations to UL and CSA Standards. Reported L70 (10k) >55,000 hours per TM-21. Calculated L70 >100,000 hours at 45°C ambient.</p>



Tessera 3931LED

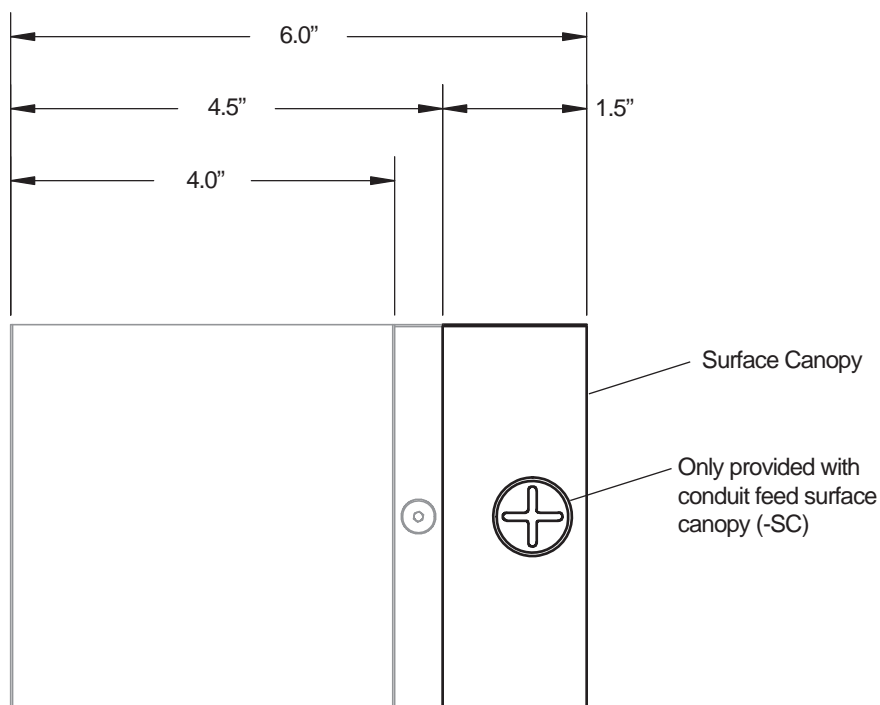


*Based on 12L

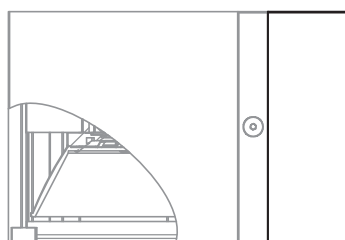
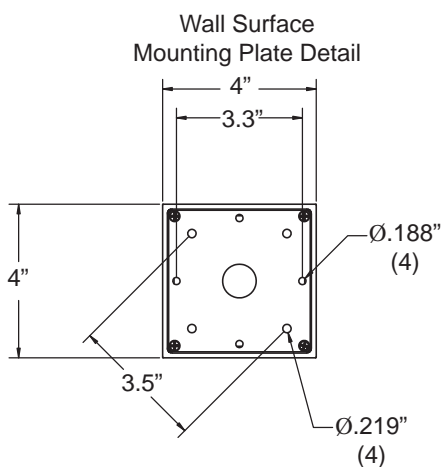
Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
3931 - 1 x 32L	4000	80	3459	1 x 32 watts	38.00 watts	91.0
3931- 1 x 23L	4000	80	2271	1 x 23 watts	26.00 watts	87.0
3931 - 1 x 12L	4000	80	1219	1 x 12 watts	13.63 watts	89.4
3931 - 1 x 9L	4000	80	930	1 x 9 watts	9.64 watts	96.5

Lumen Multipliers	3500K - 0.962	3000K - 0.944	2700K - 0.923	90 CRI - 0.842
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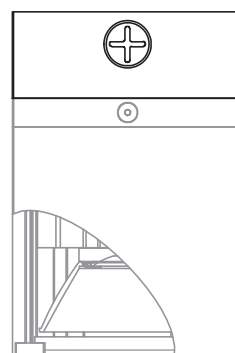
*Based on system power.



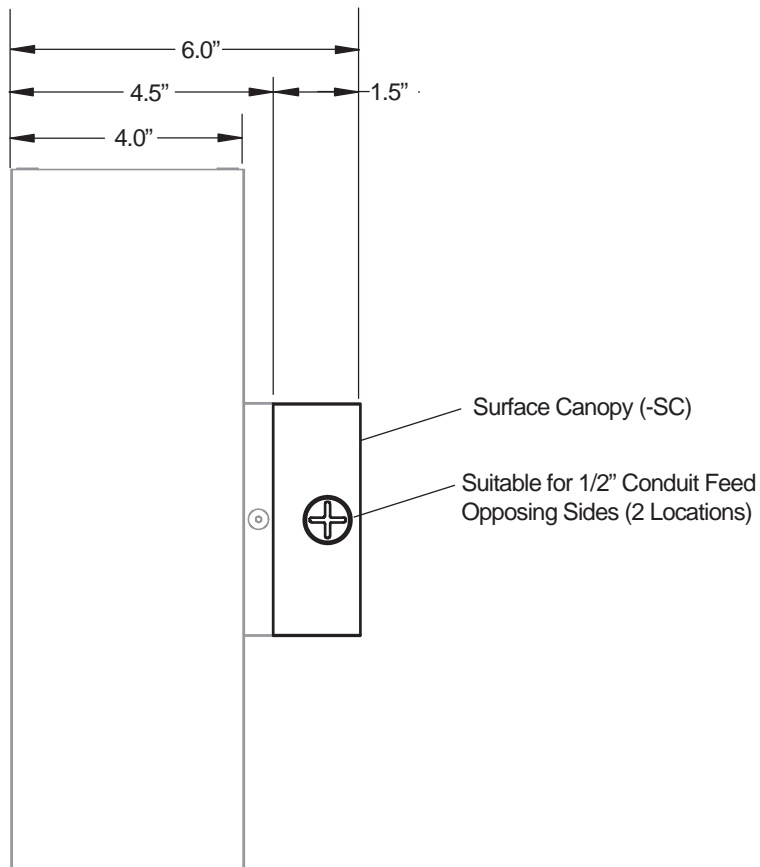
Tessera Surface Canopy Option (For Use with 3100, 3101, 3103, 3121)



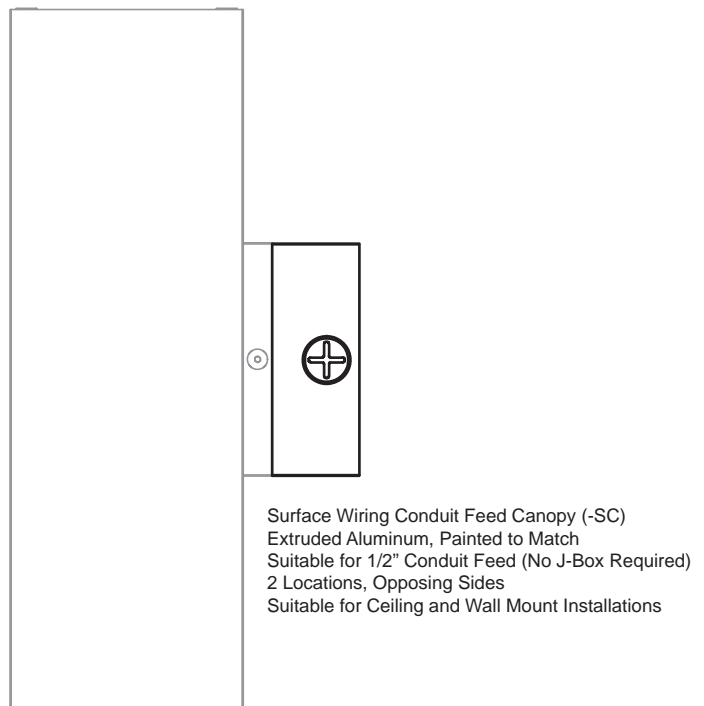
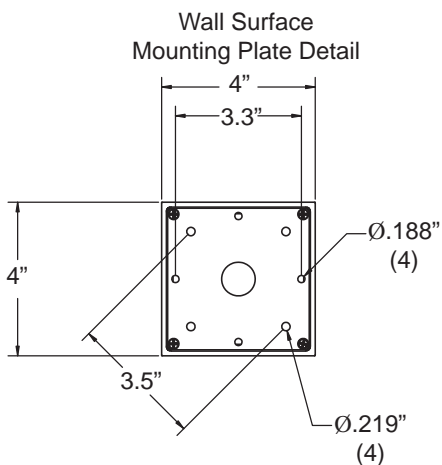
Surface Wiring Canopy (-SC1)
Extruded Aluminum, Painted to Match
Driver Housing, for mounting installations
with no J-Box or incorrect size J-Box
Suitable for Ceiling and
Wall Mount Installations

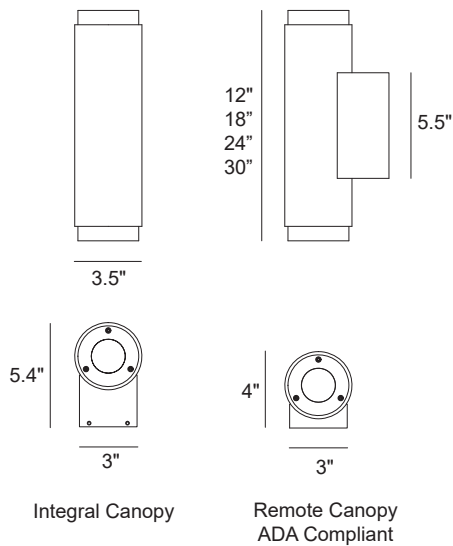


Surface Wiring Conduit Feed Canopy (-SC)
Extruded Aluminum, Painted to Match
Suitable for 1/2" Conduit Feed (No J-Box Required)
2 Locations, Opposing Sides
Driver Housing
Suitable for Ceiling and Wall Mount Installations



Tessera Surface Canopy Option (For Use with 3313 or 3413 for Conduit Feed)





Encore ENC0 Wall Mount

INTERIOR/EXTERIOR

MODEL	LENGTH	MODULES	WATTS	COLOR TEMPERATURE	VOLT	OPTIC - UP (U)	OPTIC - DOWN (D)	DRIVER LOCATION	OPTIONS	COLOR
ENC0	12"	D double	13L 13 watts ¹ 1535 lumens ²	40*	4000K	120*	SP 20° spot	SP 20° spot	REM remote	WT white texture
	18"	S single ³	9L 9 watts ¹ 1123 lumens ²	35	3500K	208	NF 30° narrow	NF 30° narrow	INT integral	BT black texture
	24"			30	3000K	240	FL 50° flood	FL 50° flood	WP wall plate	SM silver metallic
	30"			27	2700K	277	WF 80° wide	WF 80° wide		AN aluminum natural
										BZ bronze
										GM gunmetal
										WS white satin
										BM black matte
										RAL specify no.

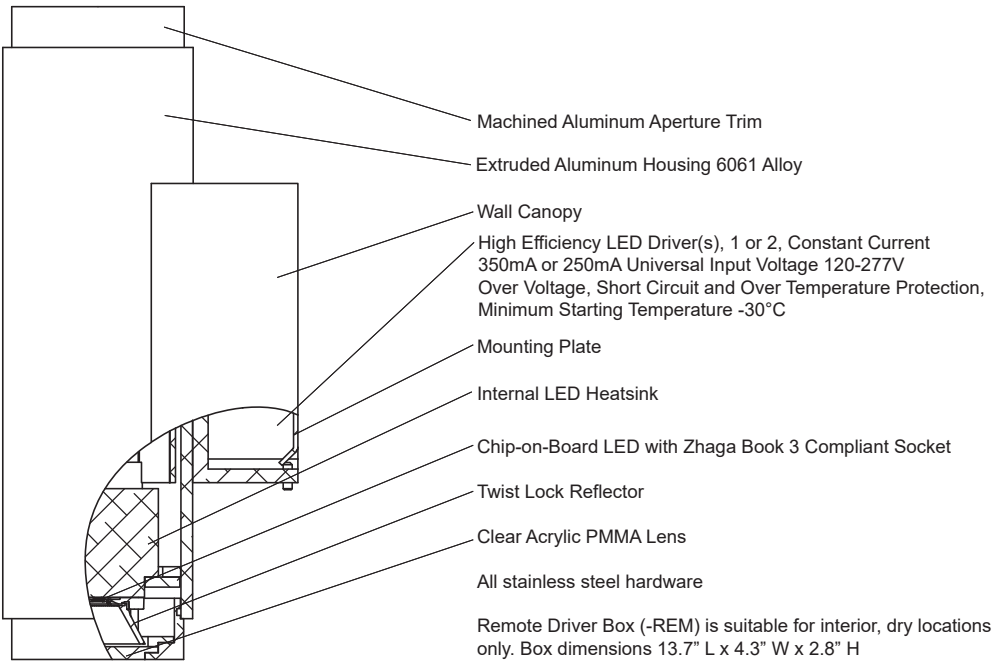
*Standard configuration unless otherwise specified

¹Nominal LED Power ²Delivered (4000K, 80CRI), lumens per module +Remote driver only
³For single module specify whether up (U) or down (D) orientation is required

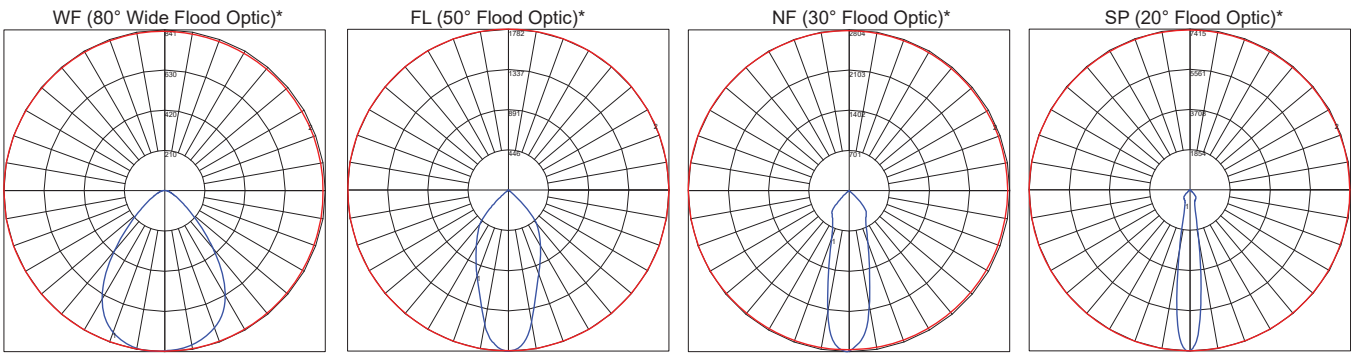
SAMPLE CATALOG NUMBER: ENC0 - 12" - S - 13L - 40 - 120 - SP(D) - INT - WT

Using this catalog number would order 1 model ENC0 12" wall mount luminaire with a single 13 watt LED module with a spot optic, downlight orientation, a color temperature of 4000K wired to 120 volts, integral driver, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials</p> <p>All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components</p> <p>Constant current driver 350mA or 250mA, Minimum starting temperature -30°C, COB with Zhaga compliant socket, 80 CRI standard. Optional 0-10V dimming to 1%, consult factory for details.</p>	<p>The ENC0 series is designed for wall mounting over a recessed standard 2"x4" rectangular device/utility box (by others) which is located parallel to the luminaire. The mounting plate is secured directly to the rectangular device/switch box and the luminaire is hooked on the plate and secured with set screws. For mounting over a 4" octagon junction box the wall plate option should be ordered.</p>	<p>The ENC0 luminaire uses Chip-on-Board technology with Zhaga Book 3 compliant socket and high efficiency twist lock optics with clear acrylic lens.</p>	<p>The ENC0 series is listed for use in wet locations to UL and CSA Standards. Reported L70 > 50,000 hours. IP65 rated.</p>



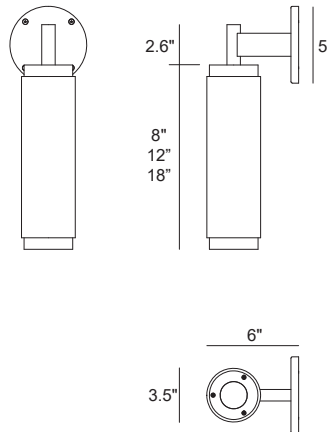
Encore ENC0



*Based on ENC0-13L

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
ENC0-13L	4000	80	1535	13 watts	12.9 watts	118.9
ENC0-9L	4000	80	1123	9 watts	10.7 watts	104.9

*Based on system power



Encore ENC1 Wall Arm Mount

INTERIOR/EXTERIOR

MODEL	LENGTH	WATTS	COLOR TEMPERATURE	VOLT	OPTIC	DRIVER LOCATION	OPTIONS	COLOR
ENC1	8"	19L 19 watts ¹ 2115 lumens ²	40*	4000K	120*	SP 20° spot	REM remote DIM 0 - 10 volt dimming	WT white texture
	12"	13L 13 watts ¹ 1535 lumens ²	35	3500K	208	NF 30° narrow	INT integral	BT black texture
	18"		30	3000K	240	FL 50° flood		SM silver metallic
		9L 9 watts ¹ 1123 lumens ²	27	2700K	277	WF 80° wide		AN aluminum natural
								BZ bronze
								GM gunmetal
								WS white satin
								BM black matte
								RAL specify no.

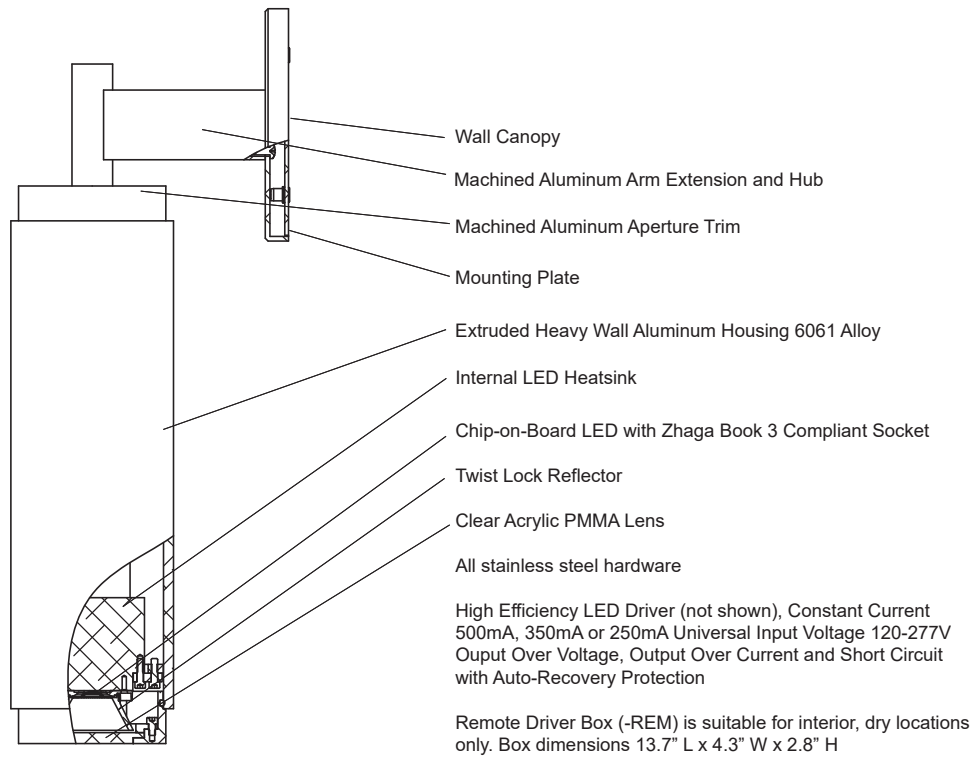
*Standard configuration unless otherwise specified

¹Nominal LED Power ²Delivered (4000K, 80CRI), lumens per module +Remote driver only

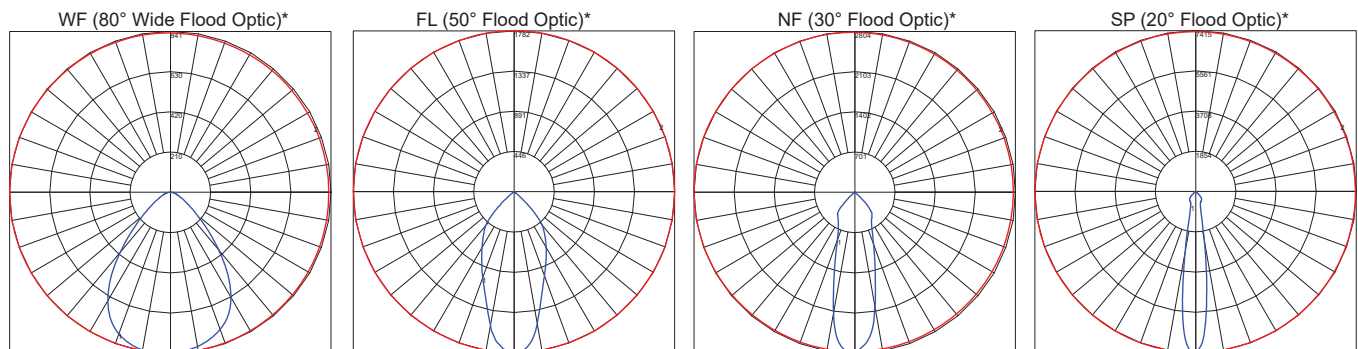
SAMPLE CATALOG NUMBER: ENC1 - 12" - 19L - 40 - 120 - SP - INT - WT

Using this catalog number would order 1 model ENC1 12" wall arm mount luminaire with 1 - 19 watt LED modules with a spot optic, a color temperature of 4000K wired to 120 volts, integral driver, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Constant current driver 500mA, 350mA or 250mA, COB with Zhaga compliant socket, 80 CRI standard. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The ENC1 series is designed for wall mounting. A heavy gauge mounting plate is secured to the wall and mounted independently of the recessed 4" octagon j-box (by others). Integrally mounted driver uses 4.5 or 5.0 cubic inches of J-Box volume. A suitable J-Box example is 15 cubic inch capacity Iberville 54151 or 21 cubic inch capacity Iberville 54171 (not included). For ease of installation a 2.125" deep 21 inch cubic capacity J-Box is recommended when possible.</p>	<p>The ENC1 luminaire uses Chip-on-Board technology with Zhaga Book 3 compliant socket and high efficiency twist lock optics with clear acrylic lens.</p>	<p>The ENC1 series is listed for use in wet locations to UL and CSA Standards. Reported L70 > 50,000 hours. IP65 rated.</p>



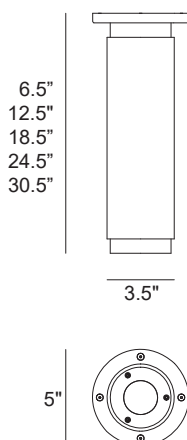
Encore ENC1



*Based on ENC1-13L

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
ENC1-19L	4000	80	2115	19 watts	19.4 watts	109.0
ENC1-13L	4000	80	1535	13 watts	12.9 watts	118.9
ENC1-9L	4000	80	1123	9 watts	10.7 watts	104.9

*Based on system power



Encore ENC2 Ceiling Mount

INTERIOR/EXTERIOR

MODEL	LENGTH	WATTS	COLOR TEMPERATURE	VOLT	OPTIC	DRIVER LOCATION	OPTIONS	COLOR	
ENC2	6"	19L+ 19 watts ¹ 2115 lumens ²	40*	4000K	120*	SP 20° spot	REM remote	DIM 0 - 10 volt dimming	WT white texture
	12"		35	3500K	208	NF 30° narrow	INT integral		BT black texture
	18"	13L 13 watts ¹ 1535 lumens ²	30	3000K	240	FL 50° flood			SM silver metallic
	24"	9L 9 watts ¹ 1123 lumens ²	27	2700K	277	WF 80° wide			AN aluminum natural
	30"								BZ bronze
									GM gunmetal
									WS white satin
									BM black matte
									RAL specify no.

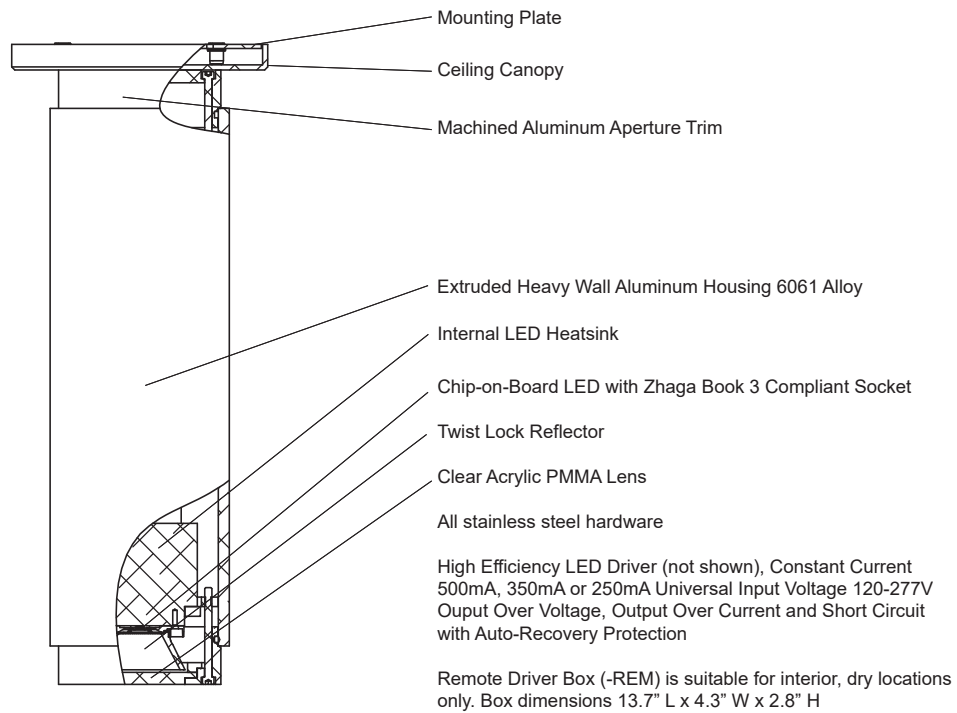
*Standard configuration unless otherwise specified

¹Nominal LED Power ²Delivered (4000K, 80CRI), lumens per module +Remote driver only

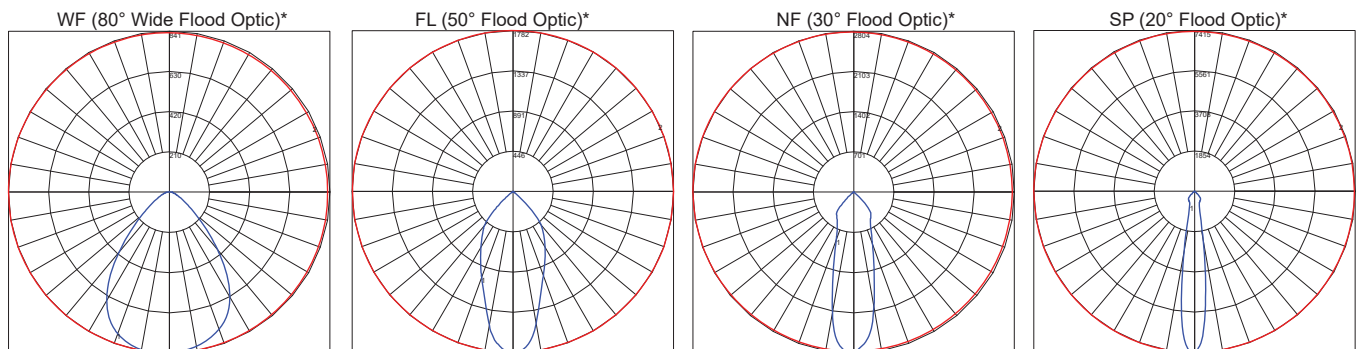
SAMPLE CATALOG NUMBER: ENC2 - 12" - 19L - 40 - 120 - SP - REM - WT

Using this catalog number would order 1 model ENC2 12" ceiling mount luminaire with 19 watt LED module with a spot optic and a color temperature of 4000K wired to 120 volts, driver is remote mounted, luminaire is painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Constant current driver 500mA, 350mA or 250mA, COB with Zhaga compliant socket, 80 CRI standard. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The ENC2 series is designed for ceiling mounting. A heavy gauge mounting plate is secured independently of the J-Box through holes provided. Integrally mounted driver uses 4.5 or 5.0 cubic inches of J-Box volume. A suitable J-Box example is 15 cubic inch capacity Iberville 54151 or 21 cubic inch capacity Iberville 54171 (not included). For ease of installation a 2.125" deep 21 inch cubic capacity J-Box is recommended when possible.</p>	<p>The ENC2 luminaire uses Chip-on-Board technology with Zhaga Book 3 compliant socket and high efficiency twist lock optics with clear acrylic lens.</p>	<p>The ENC2 series is listed for use in wet locations to UL and CSA Standards, suitable for covered ceilings only. Reported L70 > 50,000 hours. IP65 rated.</p>



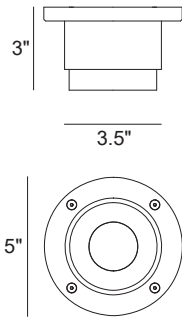
Encore ENC2



*Based on ENC2-13L

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
ENC2-19L	4000	80	2115	19 watts	19.4 watts	109.0
ENC2-13L	4000	80	1535	13 watts	12.9 watts	118.9
ENC2-9L	4000	80	1123	9 watts	10.7 watts	104.9

*Based on system power



Encore ENC2S Ceiling Mount

INTERIOR/EXTERIOR

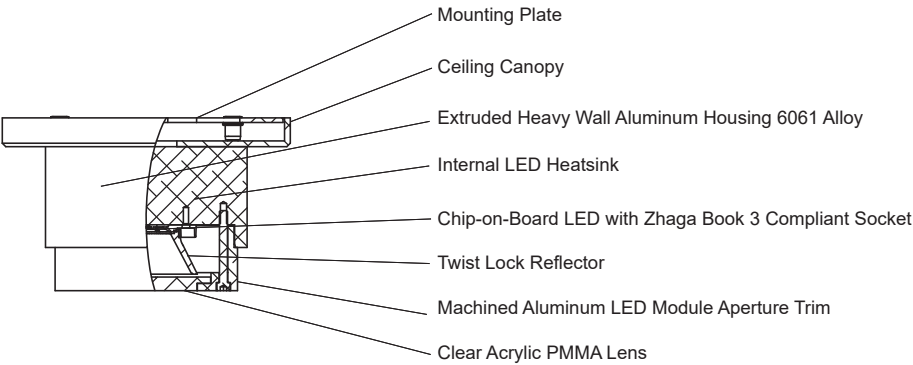
MODEL	LENGTH	WATTS	COLOR TEMPERATURE	VOLT	OPTIC	DRIVER LOCATION	OPTIONS	COLOR
ENC2S	3"	19L+ 19 watts ¹ 2115 lumens ²	40* 4000K	120*	SP 20° spot	REM remote	DIM 0 - 10 volt dimming	WT white texture
			35 3500K	208	NF 30° narrow	INT integral		BT black texture
		13L 13 watts ¹ 1535 lumens ²	30 3000K	240	FL 50° flood			SM silver metallic
			27 2700K	277	WF 80° wide			AN aluminum natural
		9L 9 watts ¹ 1123 lumens ²						BZ bronze
								GM gunmetal
								WS white satin
								BM black matte
								RAL specify no.

*Standard configuration unless otherwise specified ¹Nominal LED Power ²Delivered (4000K, 80CRI), lumens per module +Remote driver only

SAMPLE CATALOG NUMBER: ENC2S - 3" - 13L - 40 - 120 - SP - INT - WT

Using this catalog number would order 1 model ENC2S 3" ceiling mount luminaire with a 13 watt LED module with a spot optic and a color temperature of 4000K wired to 120 volts, integral mount driver, luminaire is painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Constant current driver 500mA, 350mA or 250mA, COB with Zhaga compliant socket, 80 CRI standard. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The ENC2S series is designed for ceiling mounting. A heavy gauge mounting plate is secured independently of the recessed octagon J-Box (by others) through holes provided. Integrally mounted driver uses 4.5 or 5.0 cubic inches of J-Box volume. A suitable J-Box example is 15 cubic inch capacity Iberville 54151 or 21 cubic inch capacity Iberville 54171 (not included). For ease of installation a 2.125" deep 21 inch cubic capacity J-Box is recommended when possible.</p>	<p>The ENC2S luminaire uses Chip-on-Board technology with Zhaga Book 3 compliant socket and high efficiency twist lock optics with clear acrylic lens.</p>	<p>The ENC2S series is listed for use in wet locations to UL and CSA Standards, suitable for covered ceilings only. Reported L70 > 50,000 hours. IP65 rated.</p>

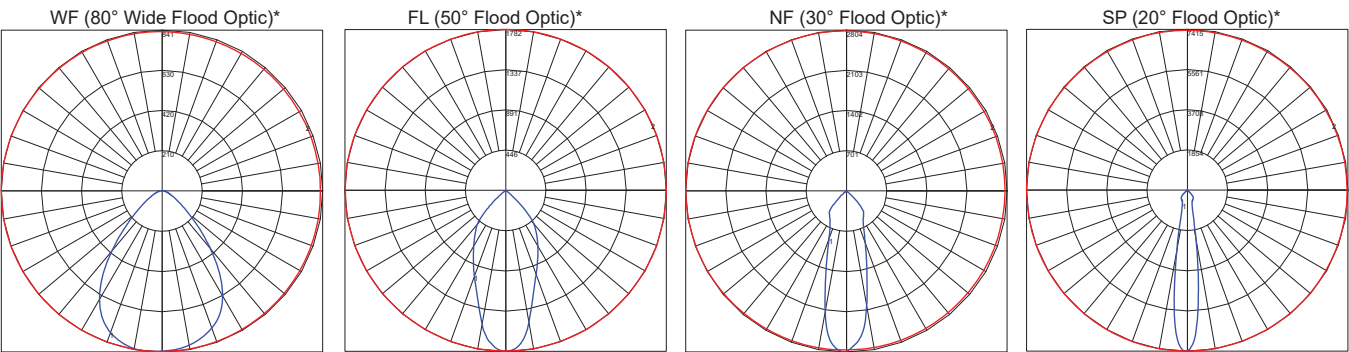


All stainless steel hardware

High Efficiency LED Driver (not shown), Constant Current
500mA, 350mA or 250mA Universal Input Voltage 120-277V
Output Over Voltage, Output Over Current and Short Circuit
with Auto-Recovery Protection

Remote Driver Box (-REM) is suitable for interior, dry locations
only. Box dimensions 13.7" L x 4.3" W x 2.8" H

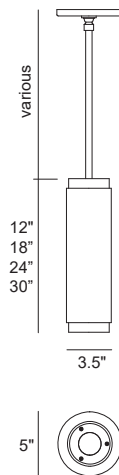
Encore ENC2S Ceiling Mount



*Based on ENC2S-13L

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
ENC2S-19L	4000	80	2115	19 watts	19.4 watts	109.0
ENC2S-13L	4000	80	1535	13 watts	12.7 watts	118.9
ENC2S-9L	4000	80	1123	9 watts	10.7 watts	104.9

*Based on system power



Encore ENC3 Pendant Mount

INTERIOR/EXTERIOR

MODEL	LENGTH	WATTS	COLOR TEMPERATURE	VOLT	OPTIC	DRIVER LOCATION	OPTIONS	COLOR
ENC3	12"	19L 19 watts ¹ 2115 lumens ²	40* 4000K	120*	SP 20° spot	REM remote	DIM 0 - 10 volt dimming	WT white texture
	18"	13L 13 watts ¹ 1535 lumens ²	35 3500K	208	NF 30° narrow	INT integral	WL wet location	BT black texture
	24"		30 3000K	240	FL 50° flood		P() pendant length	SM silver metallic
	30"	9L 9 watts ¹ 1123 lumens ²	27 2700K	277	WF 80° wide			AN aluminum natural
								BZ bronze
								GM gunmetal
								WS white satin
								BM black matte
								RAL specify no.

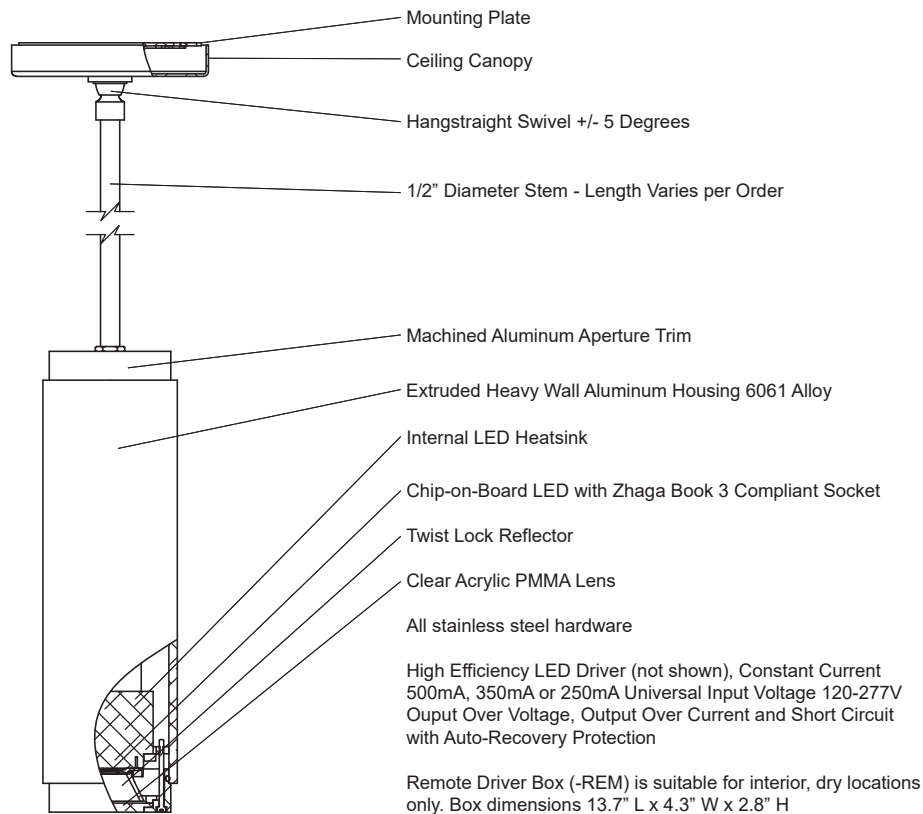
*Standard configuration unless otherwise specified

¹Nominal LED Power ²Delivered (4000K, 80CRI), lumens per module

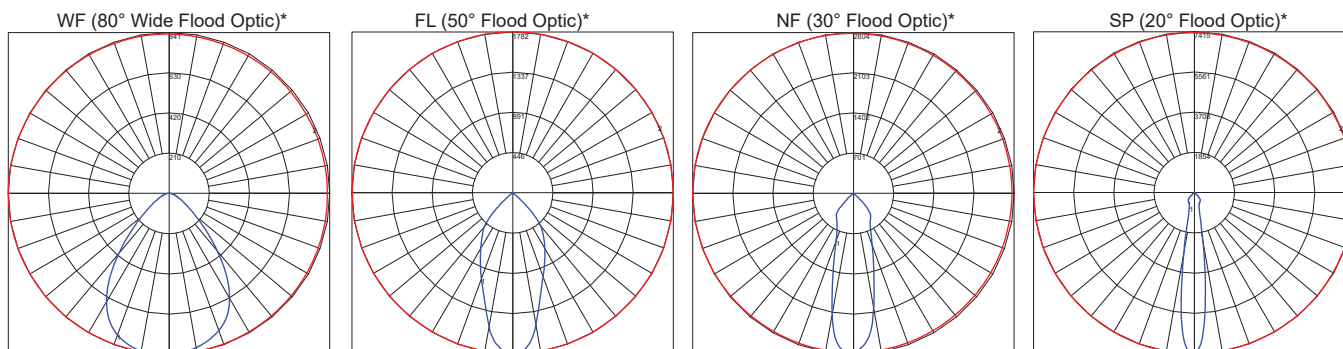
SAMPLE CATALOG NUMBER: ENC3 - 12" - 19L - 40 - 120 - SP - REM - WT

Using this catalog number would order 1 model ENC3 12" pendant mount luminaire with 19 watt LED module with a spot optic and a color temperature of 4000K wired to 120 volts, driver is remote mounted, luminaire is painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Constant current driver 500mA, 350mA or 250mA, COB with Zhaga compliant socket, 80 CRI standard. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The ENC3 series is designed for ceiling mounting. A heavy gauge mounting plate is secured independently of the recessed octagon J-Box (by others) through holes provided. Integrally mounted driver uses 4.5 or 5.0 cubic inches of J-Box volume. A suitable J-Box example is 15 cubic inch capacity Iberville 54151 or 21 cubic inch capacity Iberville 54171 (not included). For ease of installation a 2.125" deep 21 inch cubic capacity J-Box is recommended when possible.</p>	<p>The ENC3 luminaire uses Chip-on-Board technology with Zhaga Book 3 compliant socket and high efficiency twist lock reflector with clear acrylic lens.</p>	<p>The ENC3 series is listed for use in dry/damp locations to UL and CSA Standards. Optional wet location listing available. Reported L70 > 50,000 hours. IP65 rated.</p>



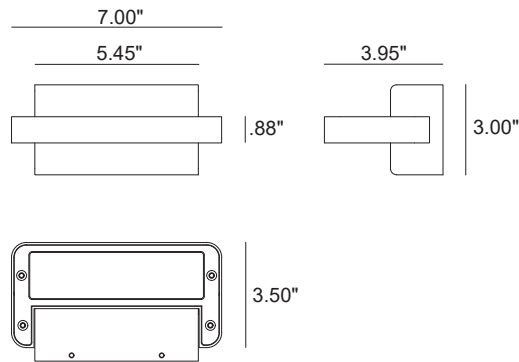
Encore ENC3



*Based on ENC3-13L

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
ENC3-19L	4000	80	2115	19 watts	19.4 watts	109.0
ENC3-13L	4000	80	1535	13 watts	12.9 watts	118.9
ENC3-9L	4000	80	1123	9 watts	10.7 watts	104.9

*Based on system power



RTx4 4301 Small Wall Mount ADA Compliant

INTERIOR/EXTERIOR

MODEL	WATTS	COLOR TEMPERATURE	VOLT	OPTIONS	COLOR	
4301	20L <i>20 watts¹ 1402 lumens²</i>	40* <i>4000K</i>	120*	DIM <i>0 - 10 volt dimming</i>	WT <i>white texture</i>	
	14L <i>14 watts¹ 1083 lumens²</i>	30 <i>3000K</i>	208	WP <i>wall plate</i>	BT <i>black texture</i>	
			240		SM <i>silver metallic</i>	
	10L <i>10 watts¹ 721 lumens²</i>		277		AN <i>aluminum natural</i>	
					BZ <i>bronze</i>	
					GM <i>gunmetal</i>	
					WS <i>white satin</i>	
					BM <i>black matte</i>	
					RAL <i>specify no.</i>	

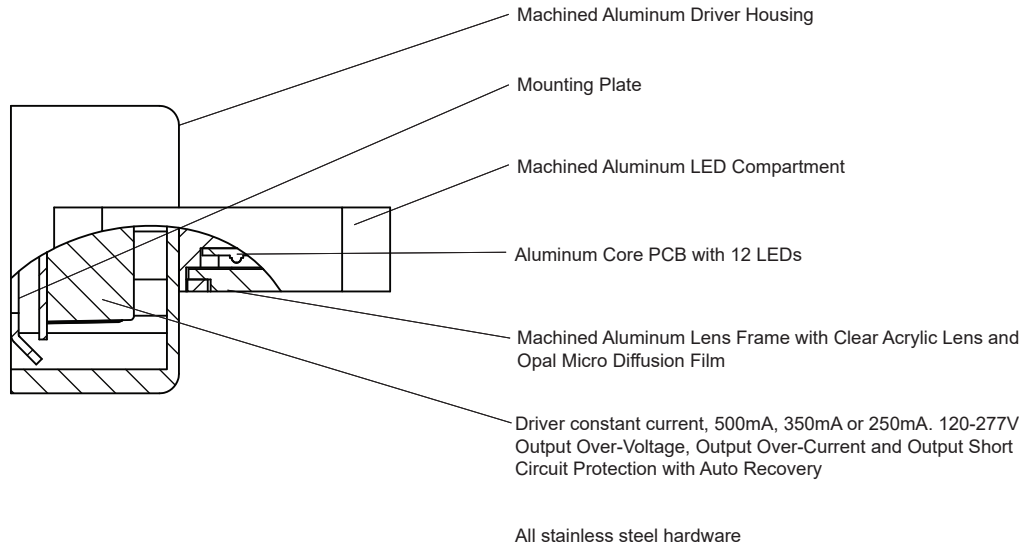
*Standard configuration unless otherwise specified

¹Nominal LED Power ²Delivered (4000K, 80CRI), lumens per module

SAMPLE CATALOG NUMBER: 4301 - 20L - 40 - 120 - DIM - WT

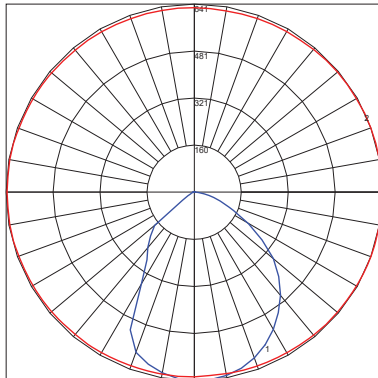
Using this catalog number would order 1 model 4301 wall mount luminaire with a 20 watt LED module with a color temperature of 4000K wired to 120 volts, 0 to 10 volt dimming driver, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Integral constant current driver 500mA, 350mA or 250mA, Aluminum core PCB with 12 LEDs, 80 CRI standard. Optional dimming driver compatible with IEC60929:2006 0-10V driver controls.</p>	<p>The RTx4 4301 is designed for wall mounting over a recessed standard 2"x4" rectangular device/utility box (by others) mounted horizontally. The mounting plate is secured directly to the rectangular device/switch box and the luminaire is hooked on the plate and secured with set screws. For mounting over a 4" octagon junction box the wall plate option should be ordered.</p>	<p>The RTx4 4301 luminaire uses a flush mount acrylic lens with micro diffusion film for optimal visual comfort.</p>	<p>The RTx4 4301 is listed for use in wet locations to UL and CSA Standards. Reported L70 > 50,000 hours. IP65 rated.</p>



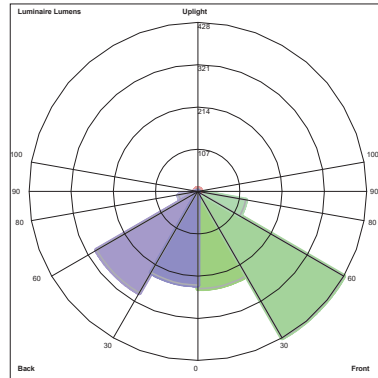
RTx4 4301 Small Wall Mount

POLAR GRAPH 4301-20L (4000K)



Maximum Candela = 641 Max. Candela Angle 15H 5V
#1 - Vertical place Through Horizontal Angles (15-195)
#2 - Horizontal Cone Through Vertical Angle (5)
Through Max. Cd.

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH

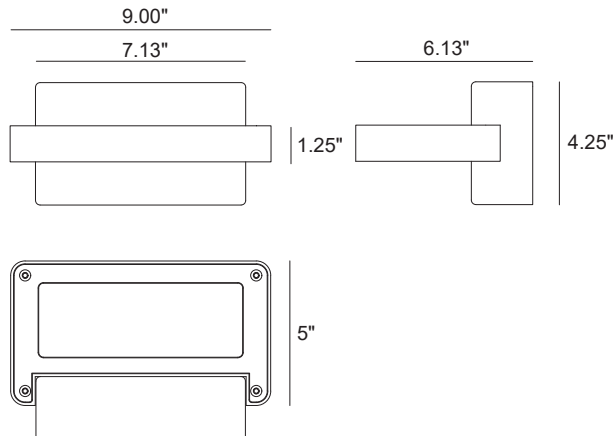
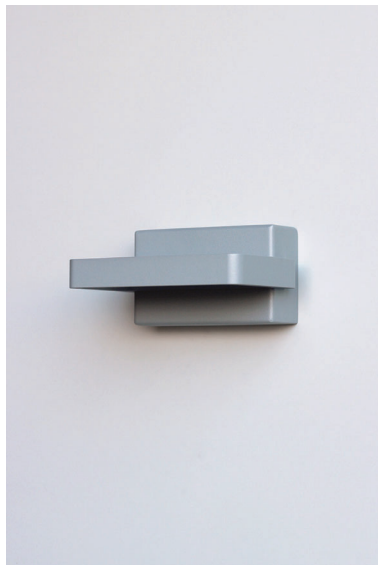


Luminaire Lumens: 4301-20L (4000K)
Front: Low=246.2, Medium=427.9, High=122.9, Very High=8.9
Back: Low=236.8, Medium=296.6, High=48.7, Very High=3.3
Uplight: Low=4.1, High=6.9

BUG Rating : B1-U1-G0

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
4301-20L	4000	80	1402	20 watts	19.6 watts	71.5
4301-14L	4000	80	1083	14 watts	13.5 watts	80.2
4301-10L	4000	80	721	10 watts	10.1 watts	71.4
Lumen Multiplier		3000K - 0.95				

*Based on system power



RTx4 4401 Medium Wall Mount

INTERIOR/EXTERIOR

MODEL	WATTS	COLOR TEMPERATURE	VOLT	OPTIONS	COLOR
4401	39L 39 watts ¹ 2801 lumens ²	40* 4000K	120*	DIM 0 - 10 volt dimming	WT white texture
	25L 25 watts ¹ 1923 lumens ²	30 3000K	208	EM integral emergency battery	BT black texture
			240	IND indirect mounting (dry/damp locations only)	SM silver metallic
	18L 18 watts ¹ 1502 lumens ²		277		AN aluminum natural
					BZ bronze
					GM gunmetal
					WS white satin
					BM black matte
					RAL specify no.

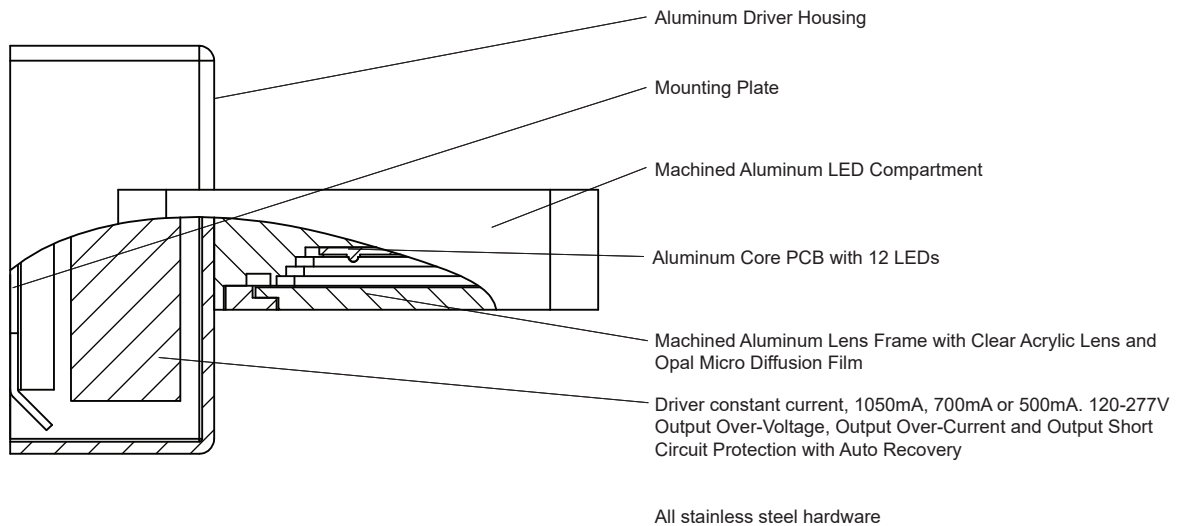
*Standard configuration unless otherwise specified

¹Nominal LED Power ²Delivered (4000K, 80CRI), lumens per module

SAMPLE CATALOG NUMBER: 4401 - 25L - 40 - 120 - DIM - WT

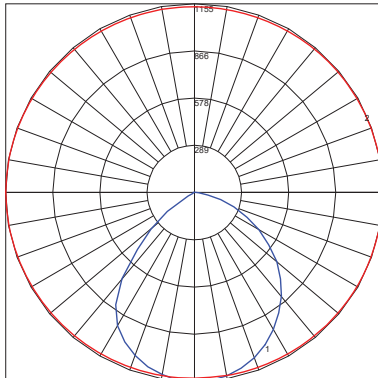
Using this catalog number would order 1 model 4401 wall mount luminaire with a 25 watt LED module with a color temperature of 4000K wired to 120 volts, 0 to 10 volt dimming driver, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Integral constant current driver 500mA, 700mA or 1050mA. Aluminum core PCB with 12 LEDs, 80 CRI standard. Optional dimming driver.</p>	<p>The RTx4 4401 is designed for wall mounting over a recessed 4" octagon j-box (by others). A heavy gauge mounting plate is secured to the wall independently of the j-box. The main housing hooks on to the mounting plate and is secured by two stainless steel set screws.</p>	<p>The RTx4 4401 luminaire uses a flush mount acrylic lens with micro diffusion film for optimal visual comfort.</p>	<p>The RTx4 4401 is listed for use in wet locations to UL and CSA Standards. Indirect option suitable for dry/damp locations only. Reported L70 > 50,000 hours. IP65 rated.</p>

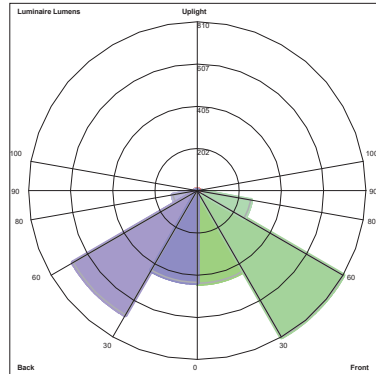


RTx4 4401 Medium Wall Mount

POLAR GRAPH 4401-39L (4000K)

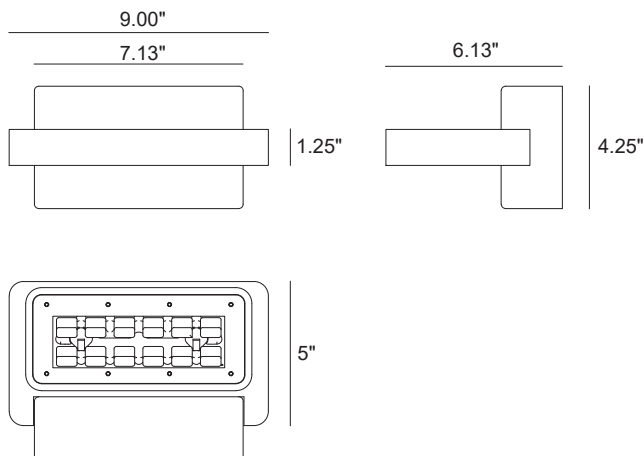


LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
4401-39L	4000	80	2801	39 watts	42.6 watts	65.8
4401-25L	4000	80	1923	25 watts	28.4 watts	67.7
4401-18L	4000	80	1502	18 watts	19.6 watts	76.6
Lumen Multiplier		3000K - 0.95				

*Based on system power



RTx4 4402 Medium Wall Mount with Distribution

INTERIOR/EXTERIOR

MODEL	WATTS	COLOR TEMPERATURE	VOLT	DISTRIBUTION	OPTIONS	COLOR
4402	39L 39 watts ¹ 4115 lumens ²	40* 4000K	120*	T2 type II distribution	DIM 0 - 10 volt dimming	WT white texture
	25L 25 watts ¹ 2863 lumens ²	30 3000K	208	T3 type III distribution	EM integral emergency battery	BT black texture
			240		IND indirect mounting (dry/damp locations only)	SM silver metallic
			277			AN aluminum natural
						BZ bronze
						GM gunmetal
						WS white satin
						BM black matte
						RAL specify no.

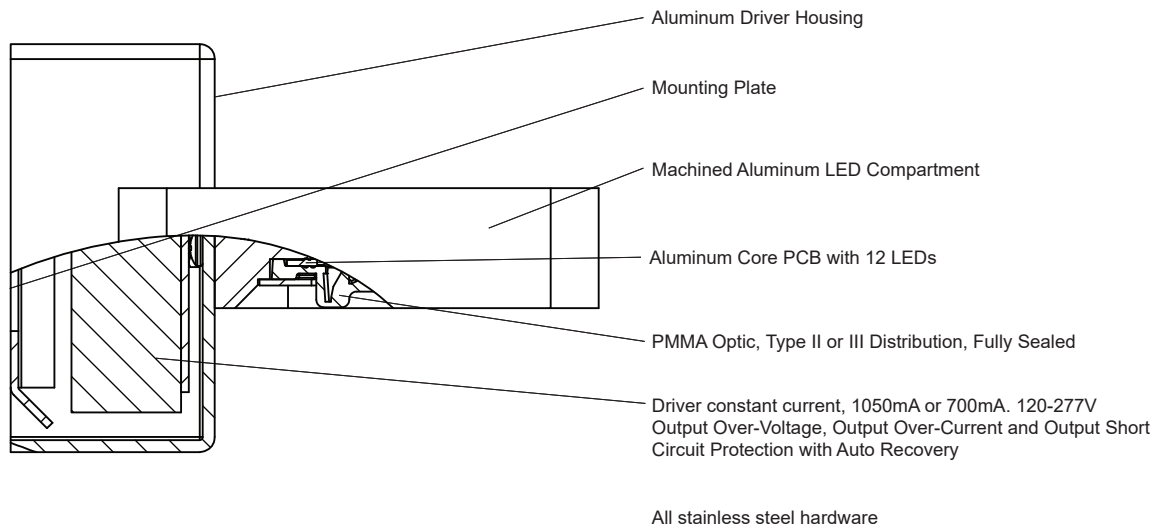
*Standard configuration unless otherwise specified

¹Nominal LED Power ²Delivered (4000K, 80CRI, T3), lumens per module

SAMPLE CATALOG NUMBER: 4402 - 25L - 40 - 120 - T2 - DIM - WT

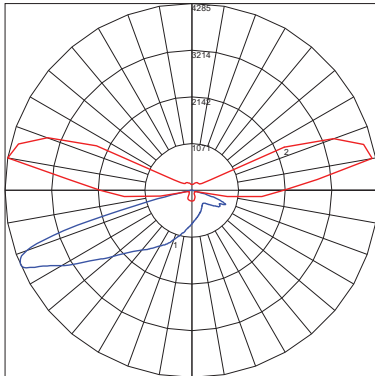
Using this catalog number would order 1 model 4402 wall mount luminaire with a 25 watt LED module with a color temperature of 4000K wired to 120 volts, with a type II distribution and 0 to 10 volt dimming driver, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Integral constant current driver 700mA or 1050mA. Aluminum core PCB with 12 LEDs, 80 CRI standard. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The RTx4 4402 is designed for wall mounting over a recessed 4" octagon j-box (by others). A heavy gauge mounting plate is secured to the wall independently of the j-box. The main housing hooks on to the mounting plate and is secured by two stainless steel set screws.</p>	<p>The RTx4 4402 luminaire uses a PMMA optic with either a type II or type III distribution. The optic provides excellent mixed illuminance and luminance uniformity.</p>	<p>The RTx4 4402 is listed for use in wet locations to UL and CSA Standards. Reported L70 > 50,000 hours. IP65 rated.</p>



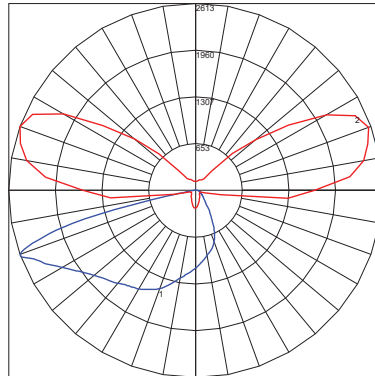
RTx4 4402 Medium Wall Mount with Distribution

POLAR GRAPH 4402-39L-T2 (4000K)



Maximum Candela = 4284.68 Max. Candela Angle 170H 66.5V
#1 - Vertical plane Through Horizontal Angles (170-350)
#2 - Horizontal Cone Through Vertical Angle (66.5)
Through Max. Cd.

POLAR GRAPH 4402-39L-T3 (4000K)



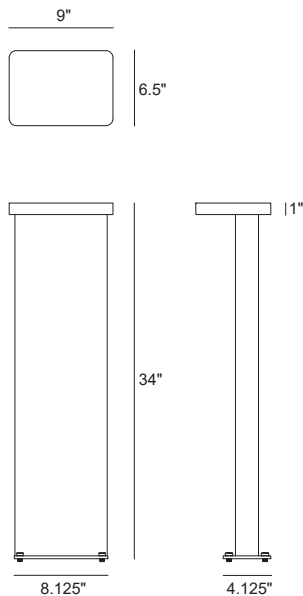
Maximum Candela = 2613.18 Max. Candela Angle 160H 69.5V
#1 - Vertical plane Through Horizontal Angles (160-340)
#2 - Horizontal Cone Through Vertical Angle (69.5)
Through Max. Cd.

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
4402-39L	4000	80	4115	39 watts	42.6 watts	96.6
4402-25L	4000	80	2863	25 watts	28.4 watts	100.8
Lumen Multiplier		3000K - 0.95				

*Based on system power, T3 optic delivered lumens



*Shown with optional base cover



RTx4 4451 Bollard

INTERIOR/EXTERIOR

MODEL	WATTS	COLOR TEMPERATURE	VOLT	OPTIONS	COLOR
4451	20L 20 watts ¹ 1205 lumens ²	40* 4000K	120*	DIM 0 - 10 volt dimming	WT white texture
	14L 14 watts ¹ 874 lumens ²	30 3000K	208	EM integral emergency battery	BT black texture
			240	BCS base cover	SM silver metallic
			277		AN aluminum natural
					BZ bronze
					GM gunmetal
					WS white satin
					BM black matte
					RAL specify no.

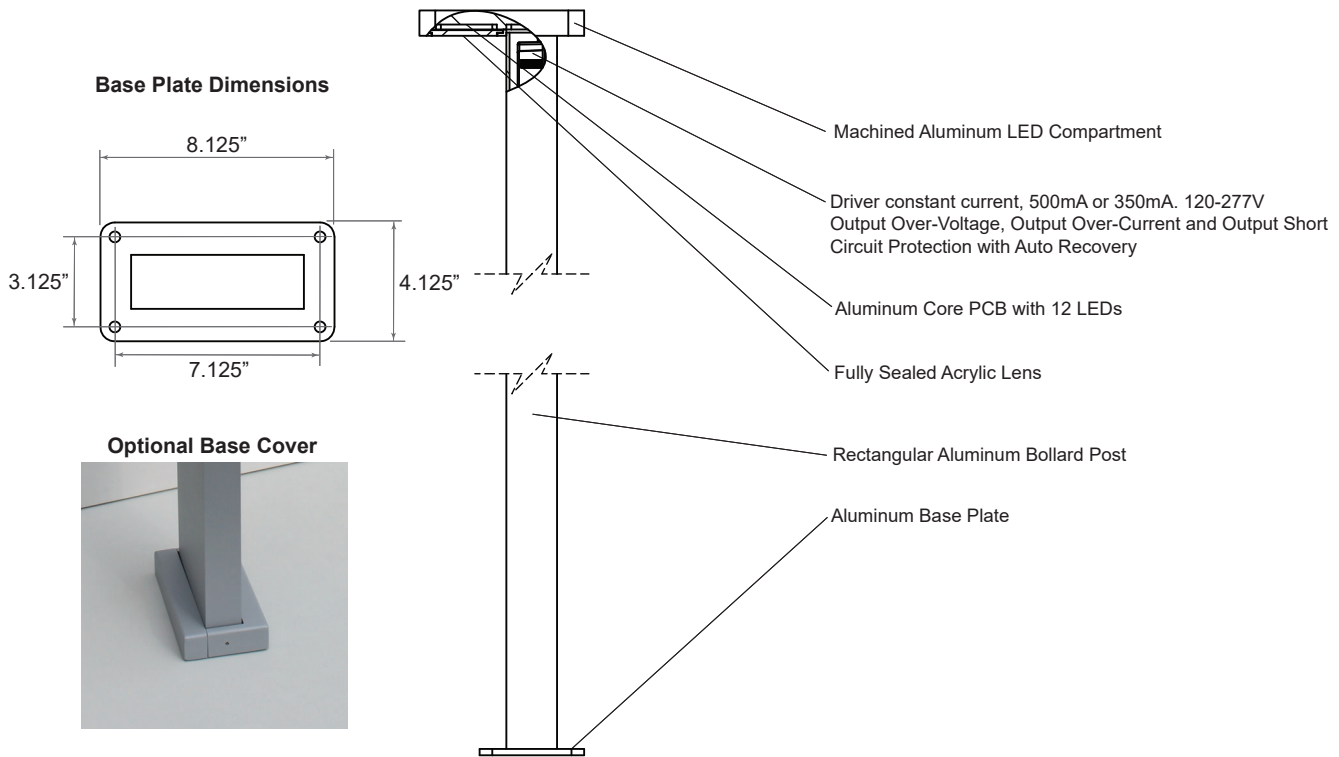
*Standard configuration unless otherwise specified

¹Nominal LED Power ²Delivered (4000K, 80CRI), lumens per module

SAMPLE CATALOG NUMBER: 4451 - 20L - 40 - 120 - DIM - WT

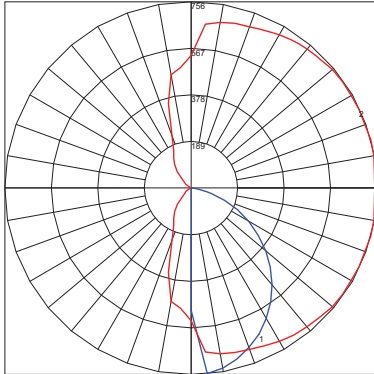
Using this catalog number would order 1 model 4451 bollard luminaire with a 20 watt LED module with a color temperature of 4000K wired to 120 volts, 0 to 10 volt dimming driver, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p>Electrical Components Integral constant current driver 500mA or 350mA. Aluminum core PCB with 12 LEDs, 80 CRI standard. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The RTx4 4451 is designed to mount to a concrete base (by others). Anchor bolts are provided. Base plate is welded to bollard shaft. Base cover is offered as an option.</p>	<p>The RTx4 4451 luminaire uses a flush mount acrylic lens with micro diffusion film for optimal visual comfort.</p>	<p>The RTx4 4451 is listed for use in wet locations to UL and CSA Standards. Reported L70 > 50,000 hours. IP65 rated.</p>

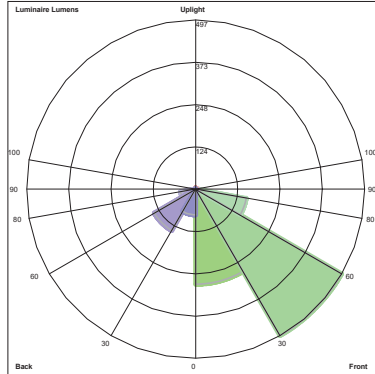


RTx4 4451 Bollard

POLAR GRAPH 4451-20L (4000K)



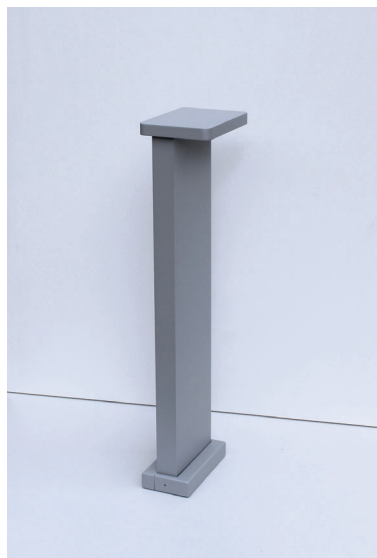
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



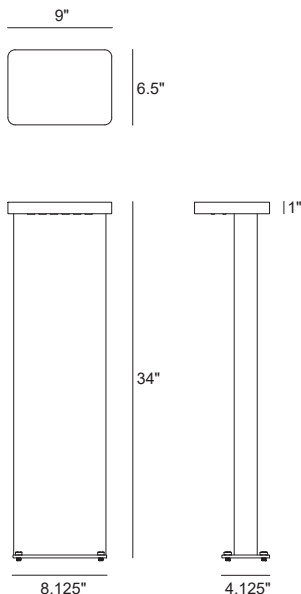
BUG Rating : B0-U1-G0

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
4451-20L	4000	80	1205	20 watts	20.1 watts	59.9
4451-14L	4000	80	874	14 watts	13.5 watts	64.7
Lumen Multiplier		3000K - 0.95				

*Based on system power, T3 optic delivered lumens



*Shown with optional base cover



RTx4 4452 Bollard with Distribution

INTERIOR/EXTERIOR

MODEL	WATTS	COLOR TEMPERATURE	VOLT	DISTRIBUTION	OPTIONS	COLOR
4452	20L <i>20 watts¹</i> <i>2114 lumens²</i>	40* <i>4000K</i>	120*	T2 <i>type II distribution</i>	DIM <i>0 - 10 volt dimming</i>	WT <i>white texture</i>
	14L <i>14 watts¹</i> <i>1586 lumens²</i>	30 <i>3000K</i>	208	T3 <i>type III distribution</i>	EM <i>integral emergency battery</i>	BT <i>black texture</i>
			240		BCS <i>base cover</i>	SM <i>silver metallic</i>
			277			AN <i>aluminum natural</i>
						BZ <i>bronze</i>
						GM <i>gunmetal</i>
						WS <i>white satin</i>
						BM <i>black matte</i>
						RAL <i>specify no.</i>

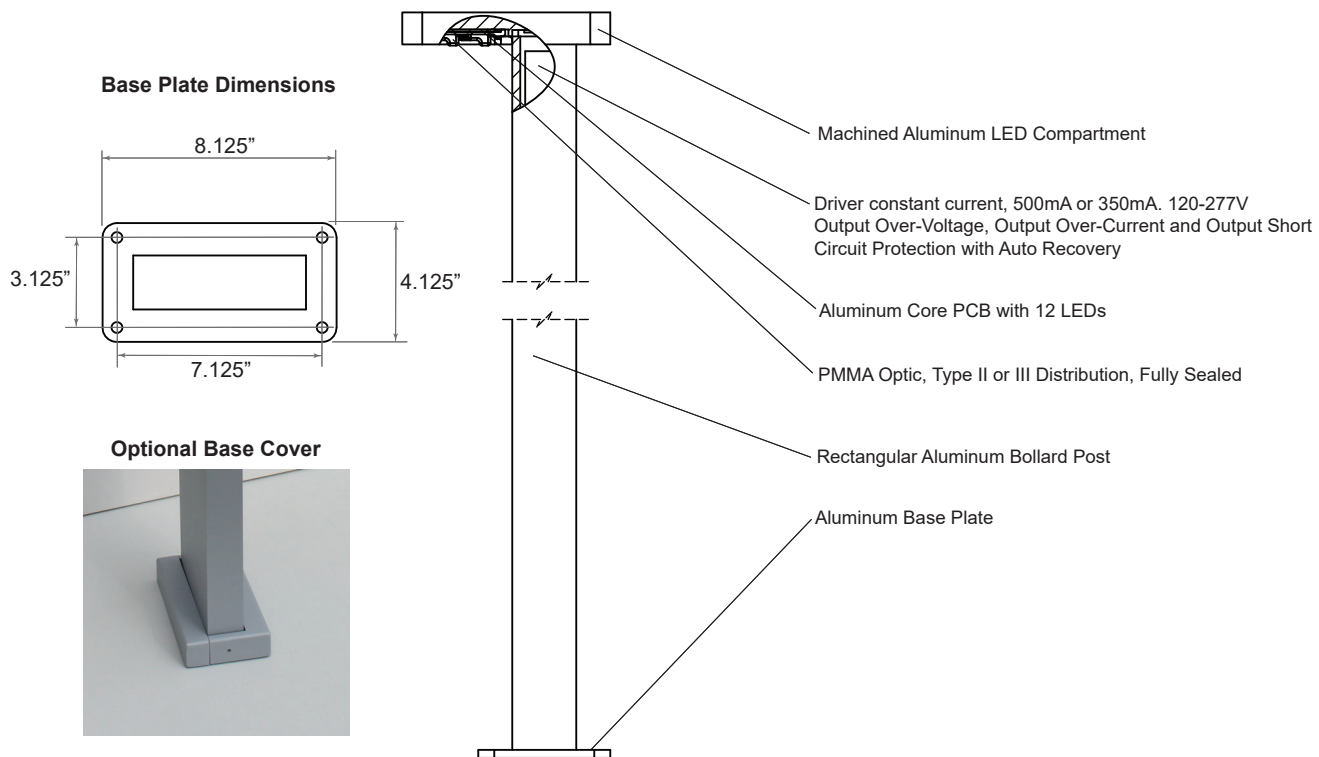
*Standard configuration unless otherwise specified

¹Nominal LED Power ²Delivered (4000K, 80CRI, T3), lumens per module

SAMPLE CATALOG NUMBER: 4452 - 20L - 40 - 120 - T2 - DIM - WT

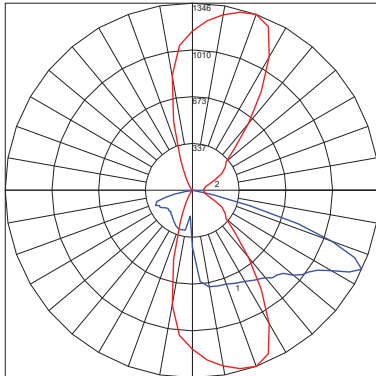
Using this catalog number would order 1 model 4452 bollard luminaire with a 20 watt LED module with a color temperature of 4000K wired to 120 volts, type II optic, 0 to 10 volt dimming driver, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p>Materials All aluminum construction, stainless steel tamper resistant hardware, fully sealed PMMA optic.</p> <p>Electrical Components Integral constant current driver 500mA or 350mA. Aluminum core PCB with 12 LEDs, 80 CRI standard. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The RTx4 4452 is designed to mount to a concrete base (by others). Anchor bolts are provided. Base plate is welded to bollard shaft. Base cover is offered as an option.</p>	<p>The RTx4 4452 luminaire uses a highly efficient silicone-sealed optical lens assembly with excellent temperature and UV stability to ensure long optical life clarity. Two standard distribution optics are available, type II and III.</p>	<p>The RTx4 4452 is listed for use in wet locations to UL and CSA Standards. Reported L70 > 50,000 hours. IP65 rated.</p>

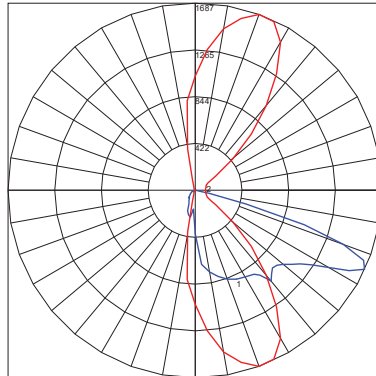


RTx4 4452 Bollard with Distribution

POLAR GRAPH 4452-20L-T2 (4000K)



POLAR GRAPH 4452-20L-T3 (4000K)



Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
4452-20L	4000	80	2114	20 watts	19.8 watts	106.7
4452-14L	4000	80	1586	14 watts	13.5 watts	117.5
Lumen Multiplier		3000K - 0.95				

*Based on system power, T3 optic delivered lumens