

# Tessera 3100LED Wall Mount

INTERIOR/EXTERIOR

MODEL	LED MODULE		COLOR TEMPERATURE		VOLT	DISTRIBUTION		OPTIONS		COLOR			
3100	12L	1 x 12 watts <sup>1</sup> 1219 lumens <sup>2</sup>	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	1 x 9 watts <sup>1</sup> 930 lumens <sup>2</sup>	30	3000K	240	WFL	45° wide flood	SC1	surface wiring canopy	SM	silver metallic		
			27	2700K	277	VWFL	94° very wide flood			AN	aluminum natural		
						PB+	pencil beam <sup>4</sup> 8 watts <sup>1</sup> 3000K or 4000K only	DIM <sup>3</sup>	dimming (0-10V)	BZ	bronze		
								NAT	natatorium construction	GM	gunmetal		
										WP( _")	wall plate (specify 6, 8 or 10")	BS	black satin
												BM	black matte
										RAL	specify no.		

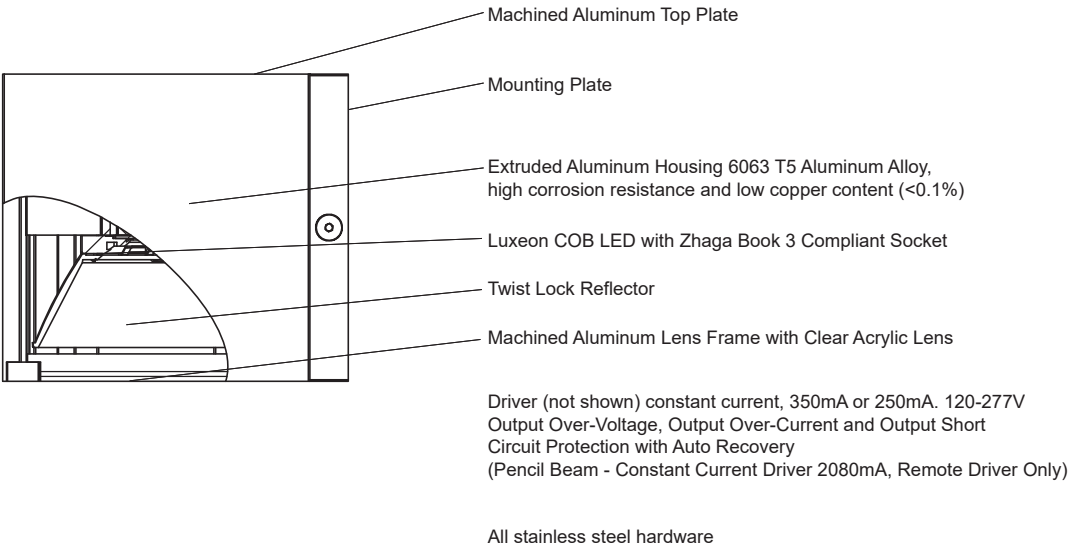
\*Standard configuration unless otherwise specified

<sup>1</sup>Nominal LED Power    <sup>2</sup>Delivered(4000K, 80CRI), not applicable to PB    <sup>3</sup>Not available with pencil beam optic  
<sup>4</sup>Pencil 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)

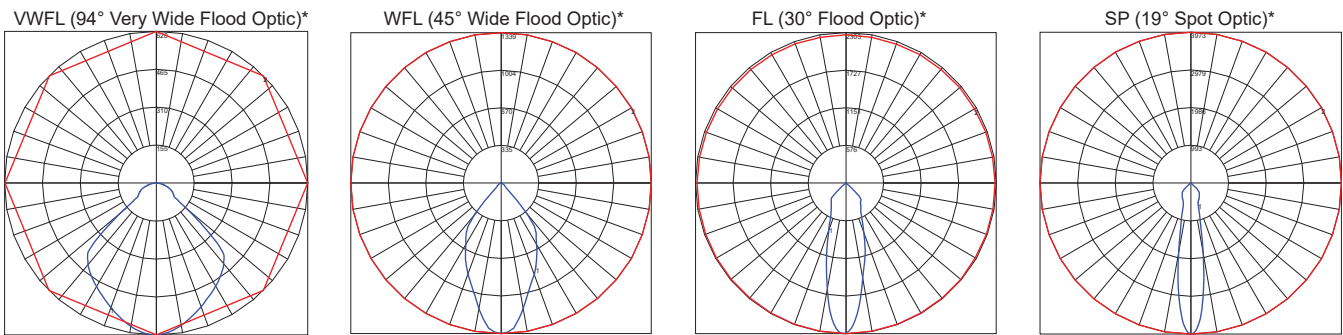
SAMPLE CATALOG NUMBER: 3100 - 12L - 40 - 120 - SP - WT

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><b>Materials</b></p> <p>All aluminum construction, stainless steel tamper resistant hardware, acrylic lens.</p> <p><b>Electrical Components</b></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) &gt;55,000 hours per TM-21. Calculated L70 &gt;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