



IES ROAD REPORT

PHOTOMETRIC FILENAME : 4402-39L-40-T3.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] CS15887_STRADA-IP-2X6-T3-B-90

[TESTLAB] Rebelle Lighting Extrapolated from Ledil CS15887_STRADA-IP-2X6-T3-B-90

[TESTDATE] 5 Feb 2018

[ISSUEDATE] 5 Feb 2018

[MANUFAC] Rebelle Lighting Extrapolated from Ledil CS15887_STRADA-IP-2X6-T3-B-90

[LUMCAT] 4402-40L-40-T3

[LUMINAIRE] RTx4 Medium Distribution

[FLASHAREA] 0.002972

[LAMPCAT] Nichia_NVSW219D_2x6

[LAMP] Nichia_NVSW219D_2x6

[OTHER] Absolute Photometry

CHARACTERISTICS

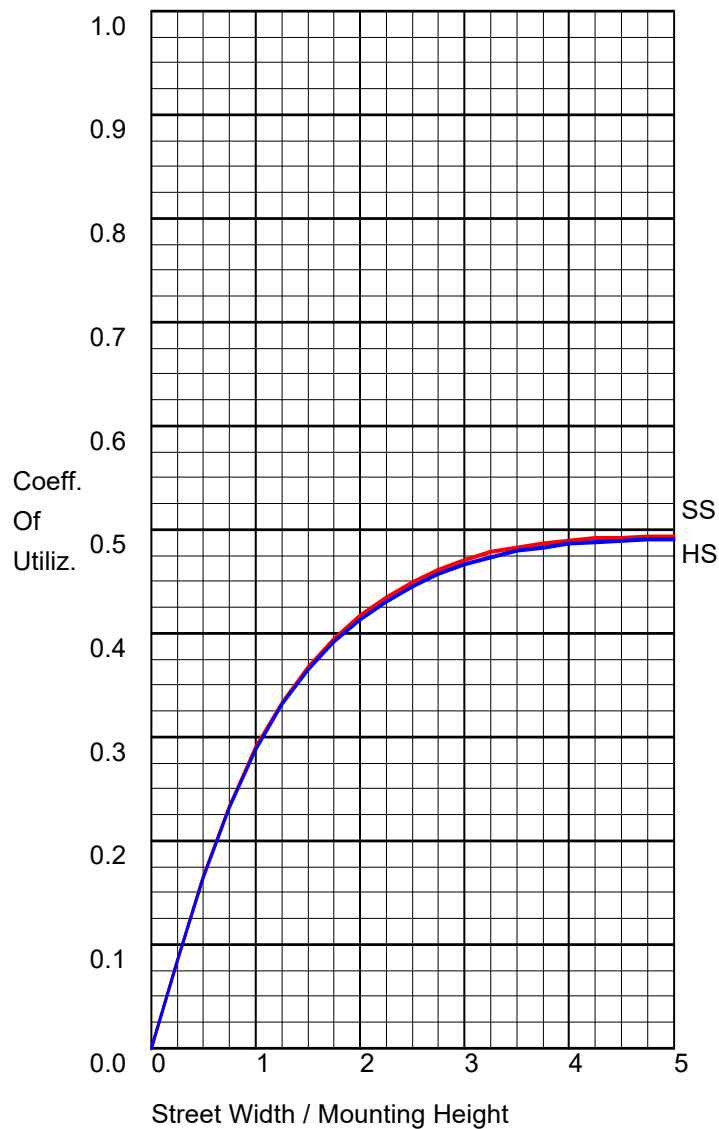
IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4115
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	42.6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	2613.18
Maximum Candela Angle	160H 69.5V
Maximum Candela (<90 Degrees Vertical)	2613.18
Maximum Candela Angle (<90 Degrees Vertical)	160H 69.5V
Maximum Candela At 90 Degrees Vertical	77.15 (1.9% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	258.48 (6.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	397.2	N.A.	9.7
FM - Front-Medium (30-60)	1058.1	N.A.	25.7
FH - Front-High (60-80)	564.7	N.A.	13.7
FVH - Front-Very High (80-90)	32.6	N.A.	0.8
BL - Back-Low (0-30)	393.6	N.A.	9.6
BM - Back-Medium (30-60)	1050.8	N.A.	25.5
BH - Back-High (60-80)	564.7	N.A.	13.7
BVH - Back-Very High (80-90)	34.3	N.A.	0.8
UL - Uplight-Low (90-100)	19.2	N.A.	0.5
UH - Uplight-High (100-180)	0.2	N.A.	0.0
Total	4115.4	N.A.	100.0
BUG Rating	B2-U2-G2		

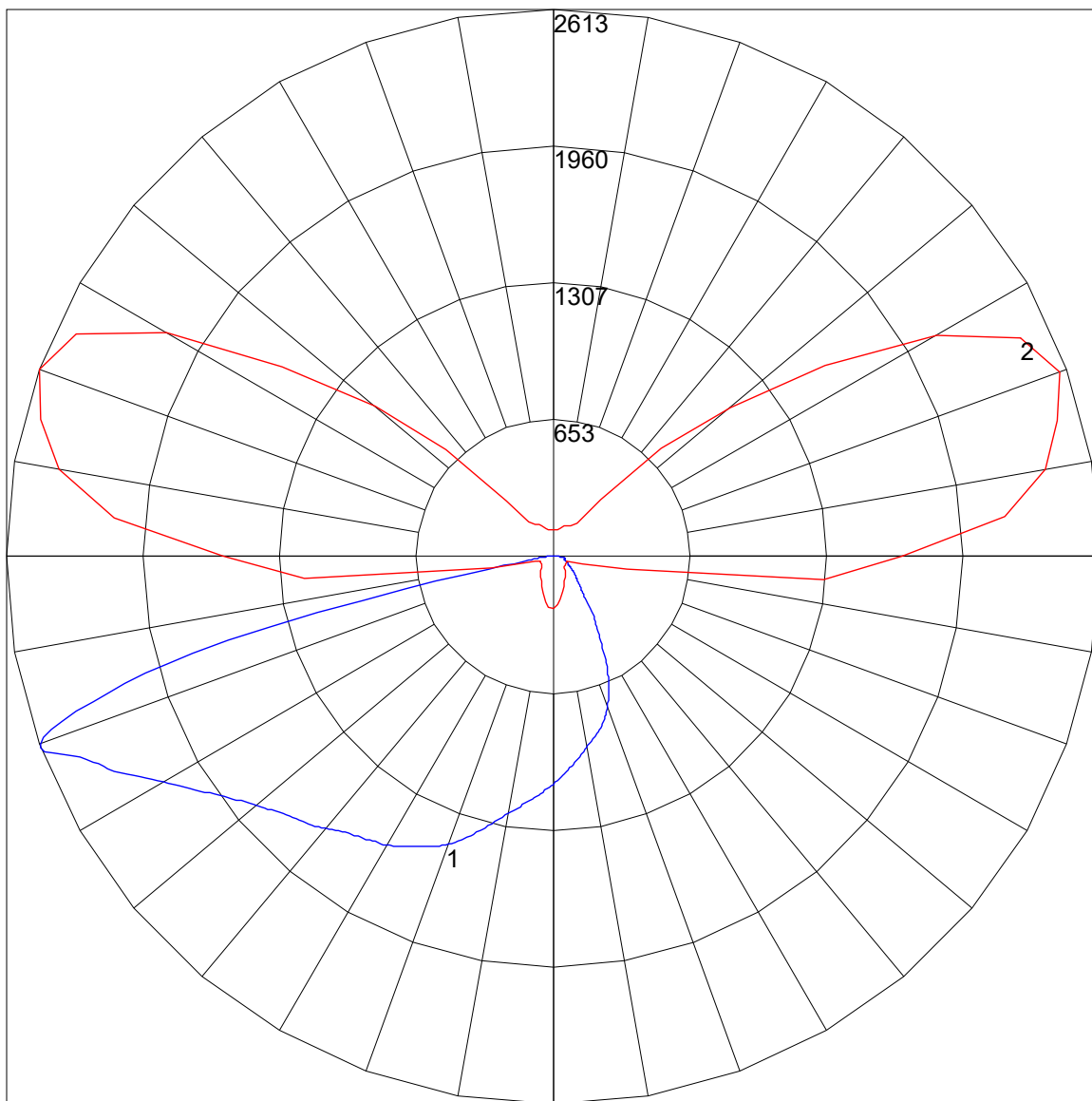
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

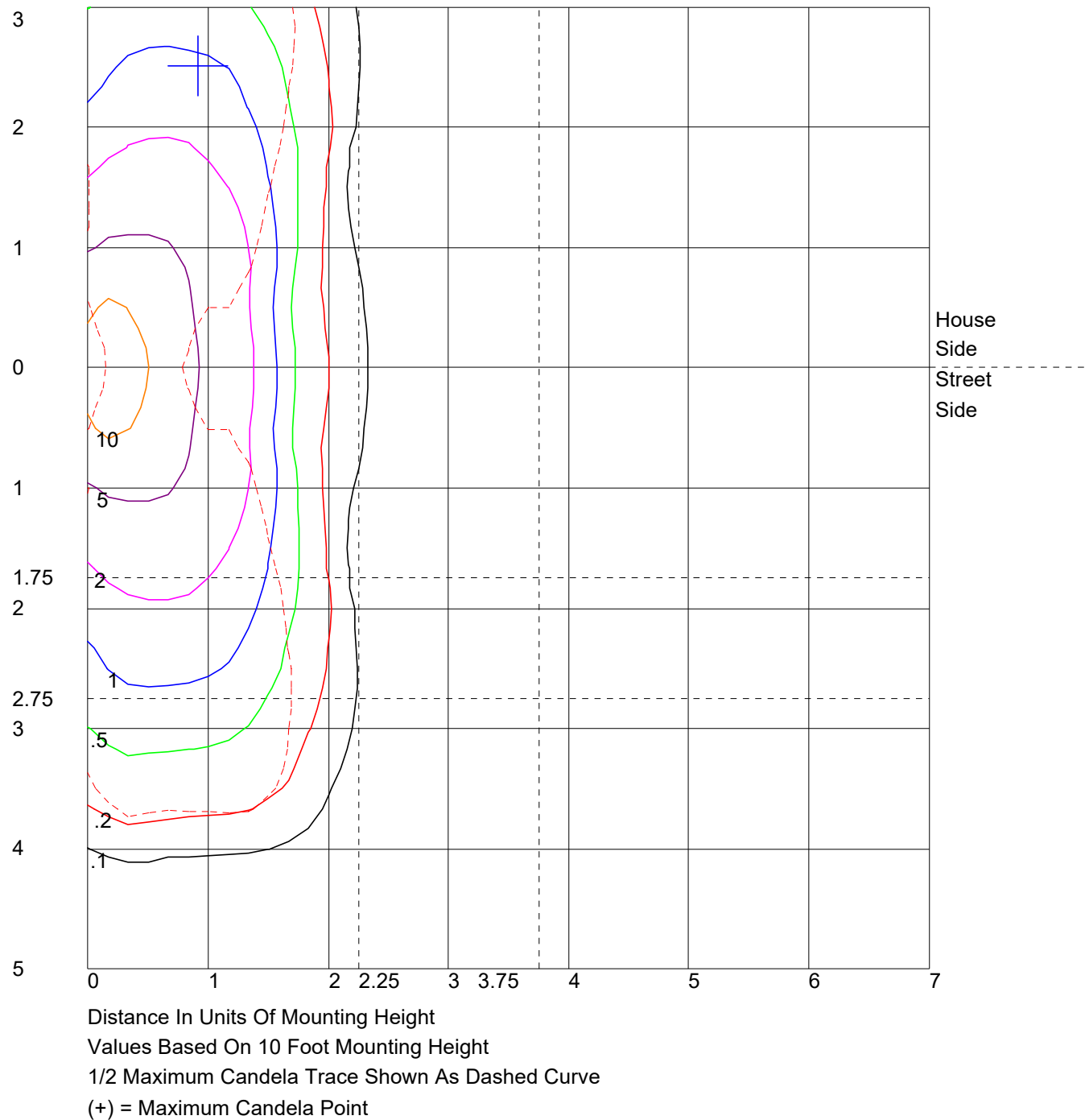
	Lumens	Percent Of Luminaire
Downward Street Side	2052.6	49.9
Downward House Side	2043.3	49.7
Downward Total	4095.9	99.5
Upward Street Side	9.5	0.2
Upward House Side	9.9	0.2
Upward Total	19.4	0.5
Total Flux	4115.3	100.0

POLAR GRAPH

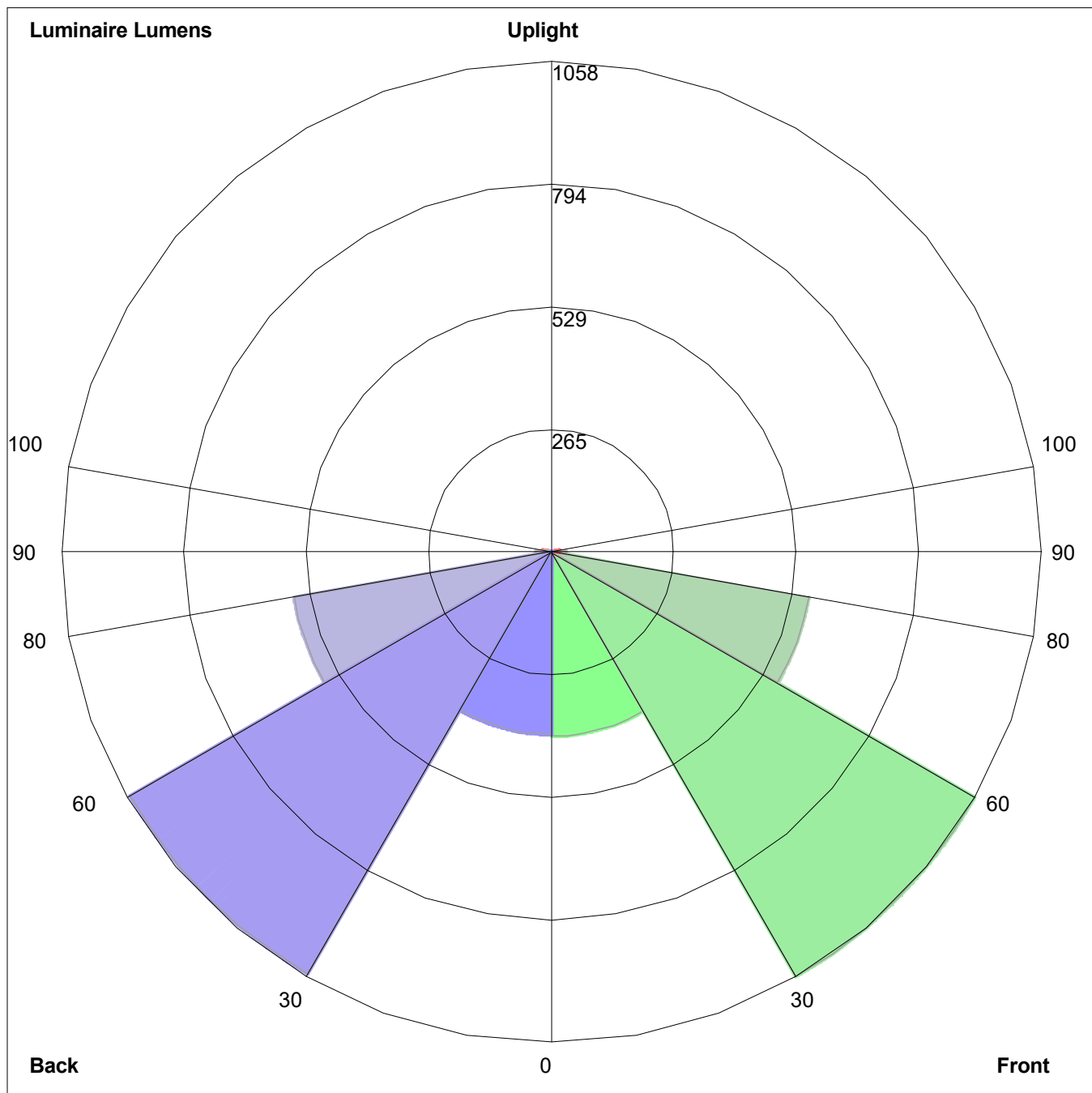


Maximum Candela = 2613.18 Located At Horizontal Angle = 160, Vertical Angle = 69.5
1 - Vertical Plane Through Horizontal Angles (160 - 340) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (69.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=397.2, Medium=1058.1, High=564.7, Very High=32.6
Back: Low=393.6, Medium=1050.8, High=564.7, Very High=34.3
Uplight: Low=19.2, High=0.2

BUG Rating : B2-U2-G2