



IES ROAD REPORT

PHOTOMETRIC FILENAME : 4402-39L-40-T2.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] CS15886_STRADA-IP-2X6-T2-B-90_(NVSW219D)

[TESTLAB] Rebelle Lighting Extrapolated from Ledil CS15886_STRADA-IP-2X6-T2-B-90

[TESTDATE] 5 Feb 2018

[ISSUEDATE] 5 Feb 2018

[MANUFAC] Rebelle Lighting Extrapolated from Ledil CS15886_STRADA-IP-2X6-T2-B-90

[LUMCAT] 4402-39L-40-T2

[LUMINAIRE] RTx4 Medium Distribution

[FLASHAREA] 0.002972

[LAMPCAT] Nichia_NVSW219c_2x6

[LAMP] Nichia_NVSW219c_2x6

[OTHER] Absolute Photometry

CHARACTERISTICS

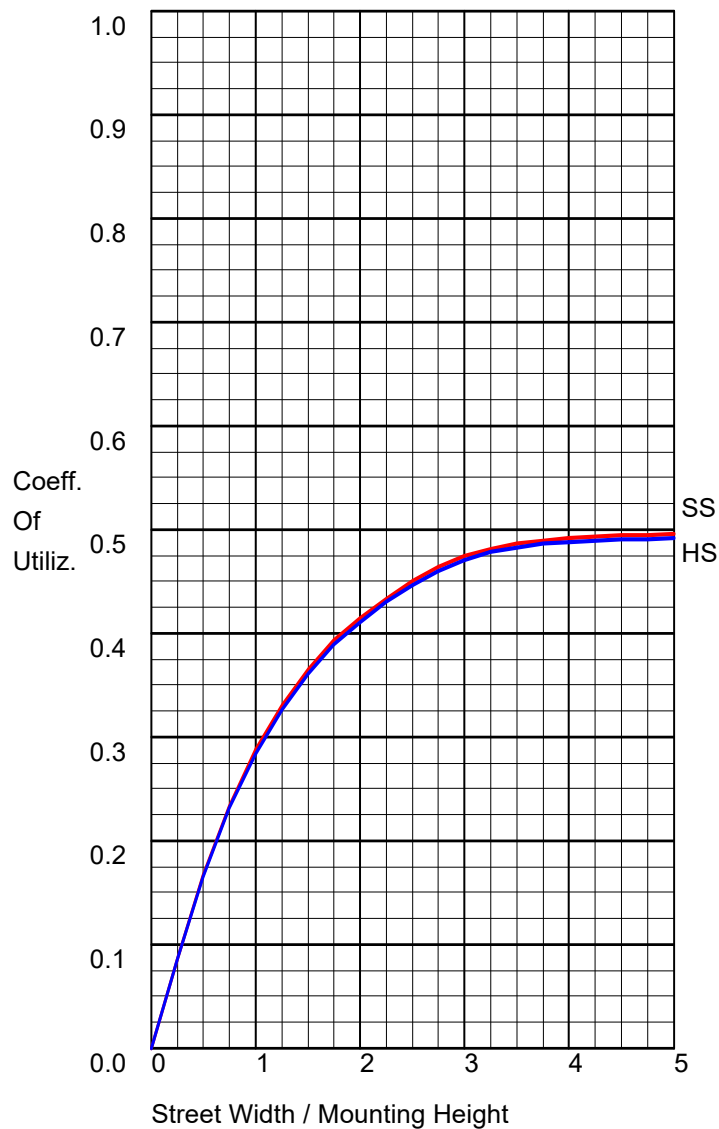
IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4135
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	42.6
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4284.68
Maximum Candela Angle	170H 66.5V
Maximum Candela (<90 Degrees Vertical)	4284.68
Maximum Candela Angle (<90 Degrees Vertical)	170H 66.5V
Maximum Candela At 90 Degrees Vertical	53.25 (1.3% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	164.66 (4.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	415.4	N.A.	10.0
FM - Front-Medium (30-60)	1096.9	N.A.	26.5
FH - Front-High (60-80)	526.1	N.A.	12.7
FVH - Front-Very High (80-90)	28.3	N.A.	0.7
BL - Back-Low (0-30)	411.1	N.A.	9.9
BM - Back-Medium (30-60)	1081.1	N.A.	26.1
BH - Back-High (60-80)	530.3	N.A.	12.8
BVH - Back-Very High (80-90)	28.7	N.A.	0.7
UL - Uplight-Low (90-100)	17.3	N.A.	0.4
UH - Uplight-High (100-180)	0.2	N.A.	0.0
Total	4135.4	N.A.	100.0
BUG Rating	B2-U2-G2		

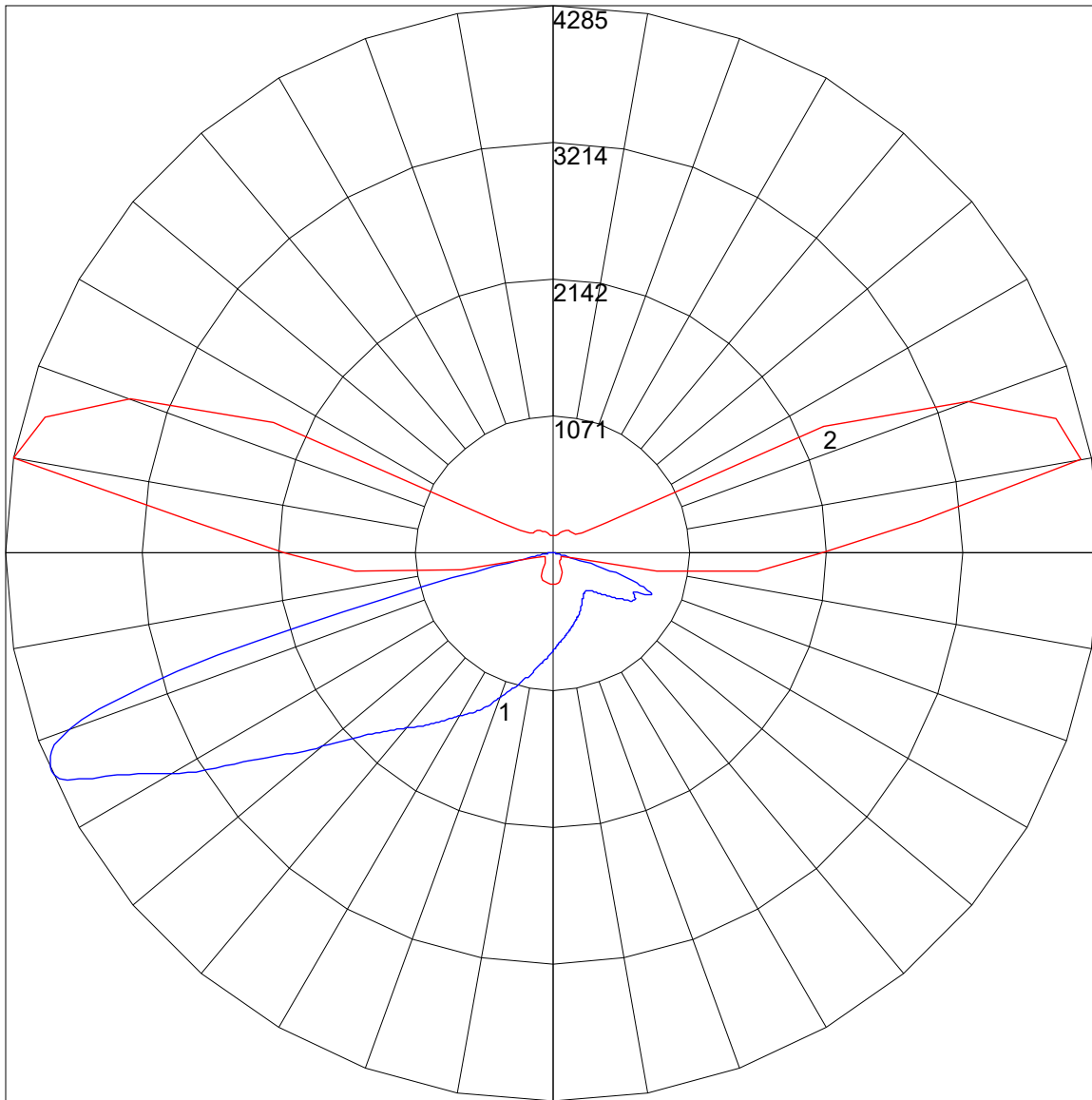
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

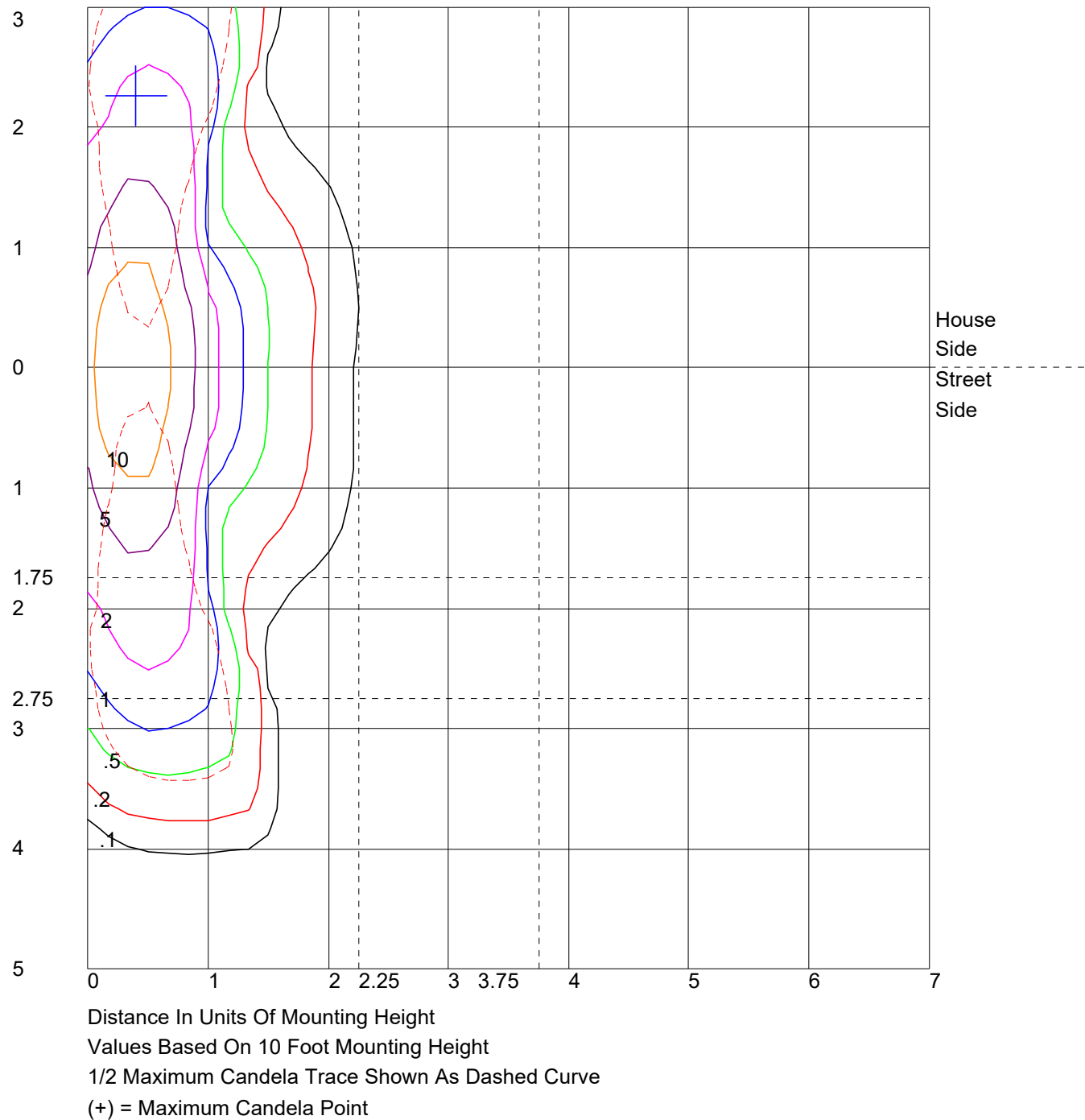
	Lumens	Percent Of Luminaire
Downward Street Side	2066.7	50.0
Downward House Side	2051.1	49.6
Downward Total	4117.8	99.6
Upward Street Side	8.6	0.2
Upward House Side	8.9	0.2
Upward Total	17.5	0.4
Total Flux	4135.3	100.0

POLAR GRAPH

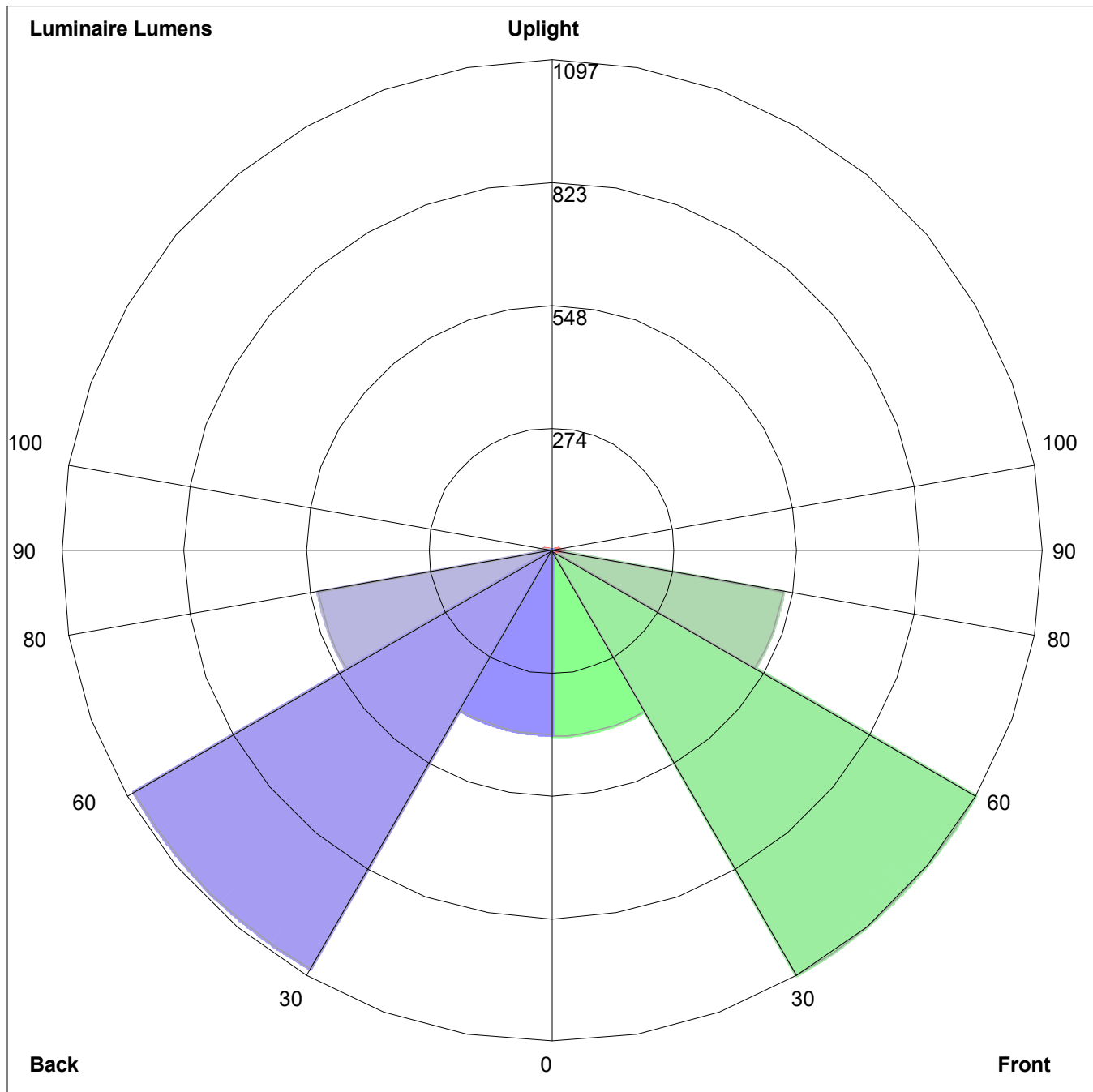


Maximum Candela = 4284.68 Located At Horizontal Angle = 170, Vertical Angle = 66.5
1 - Vertical Plane Through Horizontal Angles (170 - 350) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (66.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=415.4, Medium=1096.9, High=526.1, Very High=28.3
Back: Low=411.1, Medium=1081.1, High=530.3, Very High=28.7
Uplight: Low=17.3, High=0.2

BUG Rating : B2-U2-G2