



## IES ROAD REPORT

PHOTOMETRIC FILENAME : 4402-25L-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] 4402-25L-40-T2

[LUMINAIRE] RTx4 Medium Distribution

[FLASHAREA] 0.002972

[LAMPCAT] Nichia\_NVSW219c\_2x6

[LAMP] Nichia\_NVSW219c\_2x6

[OTHER] Absolute Photometry

### CHARACTERISTICS

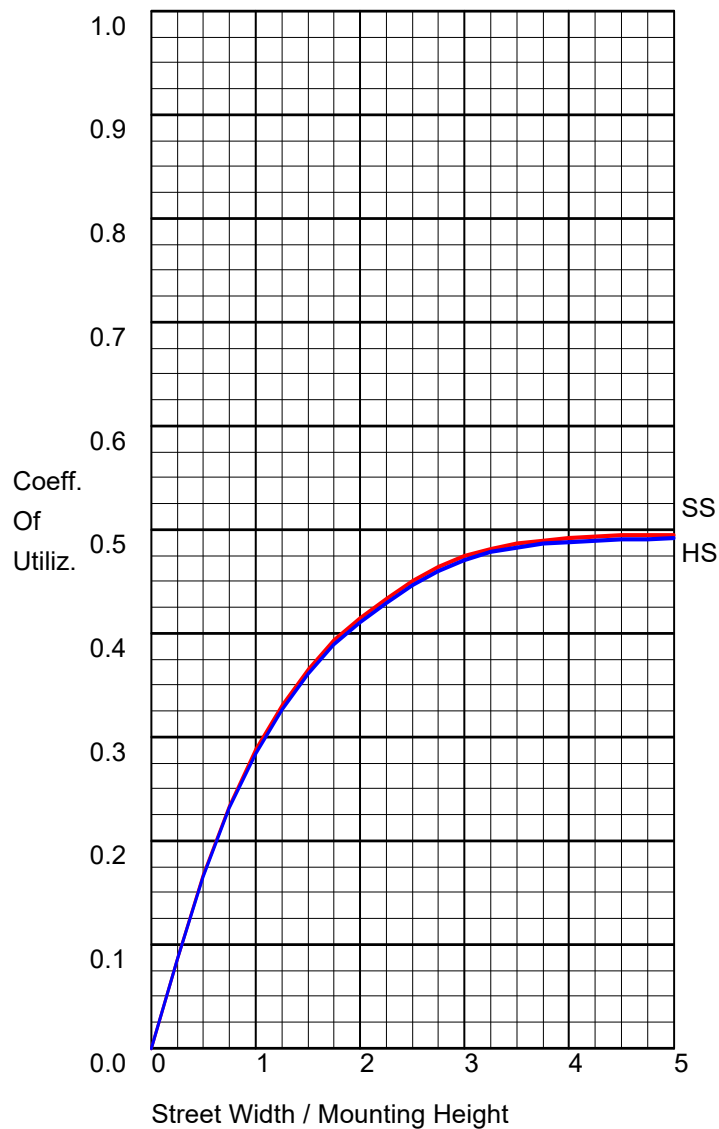
IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2877
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	28.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	2980.73
Maximum Candela Angle	170H 66.5V
Maximum Candela (<90 Degrees Vertical)	2980.73
Maximum Candela Angle (<90 Degrees Vertical)	170H 66.5V
Maximum Candela At 90 Degrees Vertical	37.05 (1.3% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	114.55 (4.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : 4402-25L-40-T2.IES**

**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	288.9	N.A.	10.0
FM - Front-Medium (30-60)	763.1	N.A.	26.5
FH - Front-High (60-80)	366.0	N.A.	12.7
FVH - Front-Very High (80-90)	19.7	N.A.	0.7
BL - Back-Low (0-30)	286.0	N.A.	9.9
BM - Back-Medium (30-60)	752.1	N.A.	26.1
BH - Back-High (60-80)	368.9	N.A.	12.8
BVH - Back-Very High (80-90)	20.0	N.A.	0.7
UL - Uplight-Low (90-100)	12.0	N.A.	0.4
UH - Uplight-High (100-180)	0.1	N.A.	0.0
Total	2876.8	N.A.	100.0
BUG Rating	B1-U2-G1		

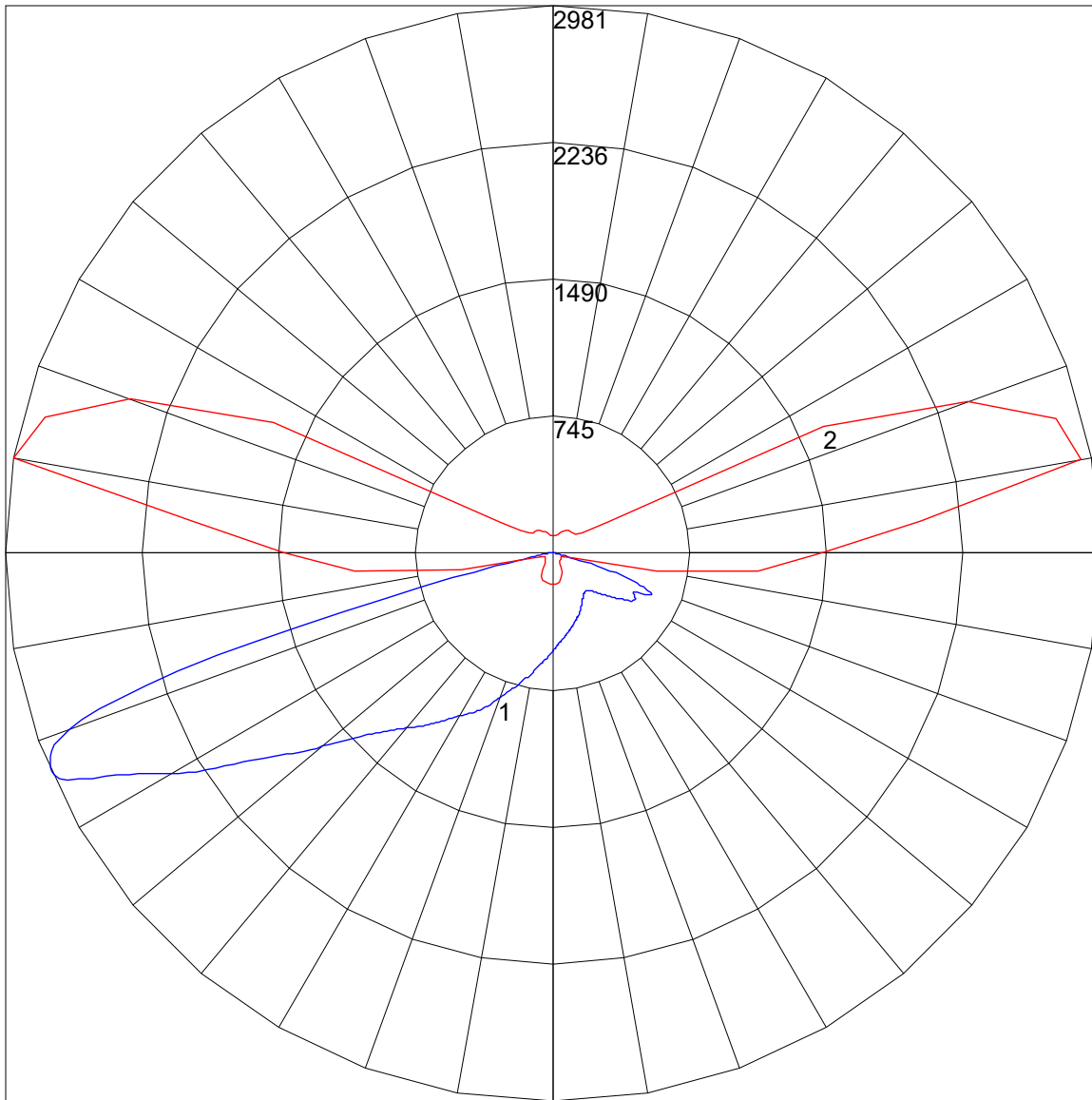
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

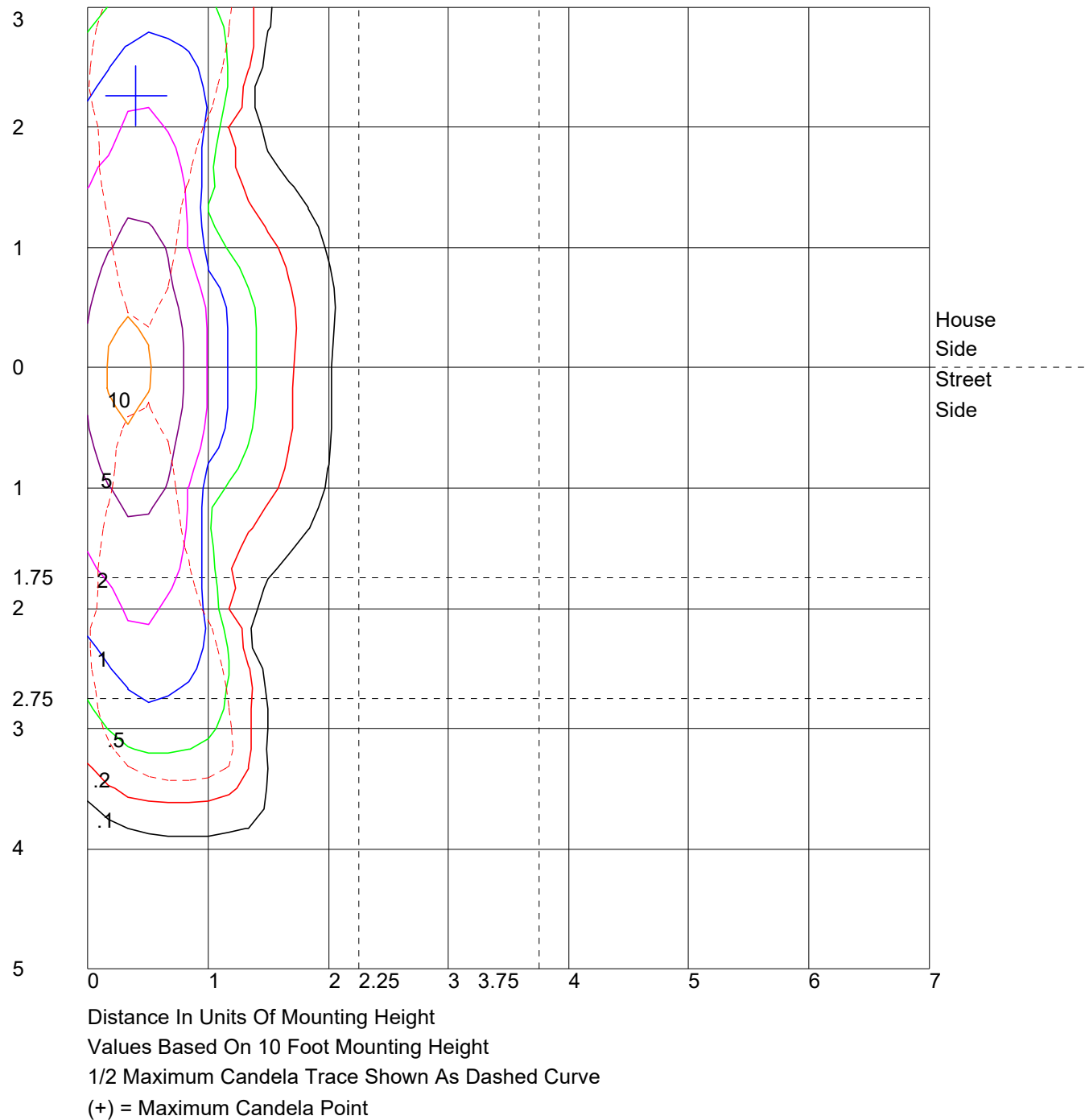
	Lumens	Percent Of Luminaire
Downward Street Side	1437.7	50.0
Downward House Side	1426.9	49.6
Downward Total	2864.6	99.6
Upward Street Side	5.9	0.2
Upward House Side	6.2	0.2
Upward Total	12.1	0.4
Total Flux	2876.7	100.0

POLAR GRAPH

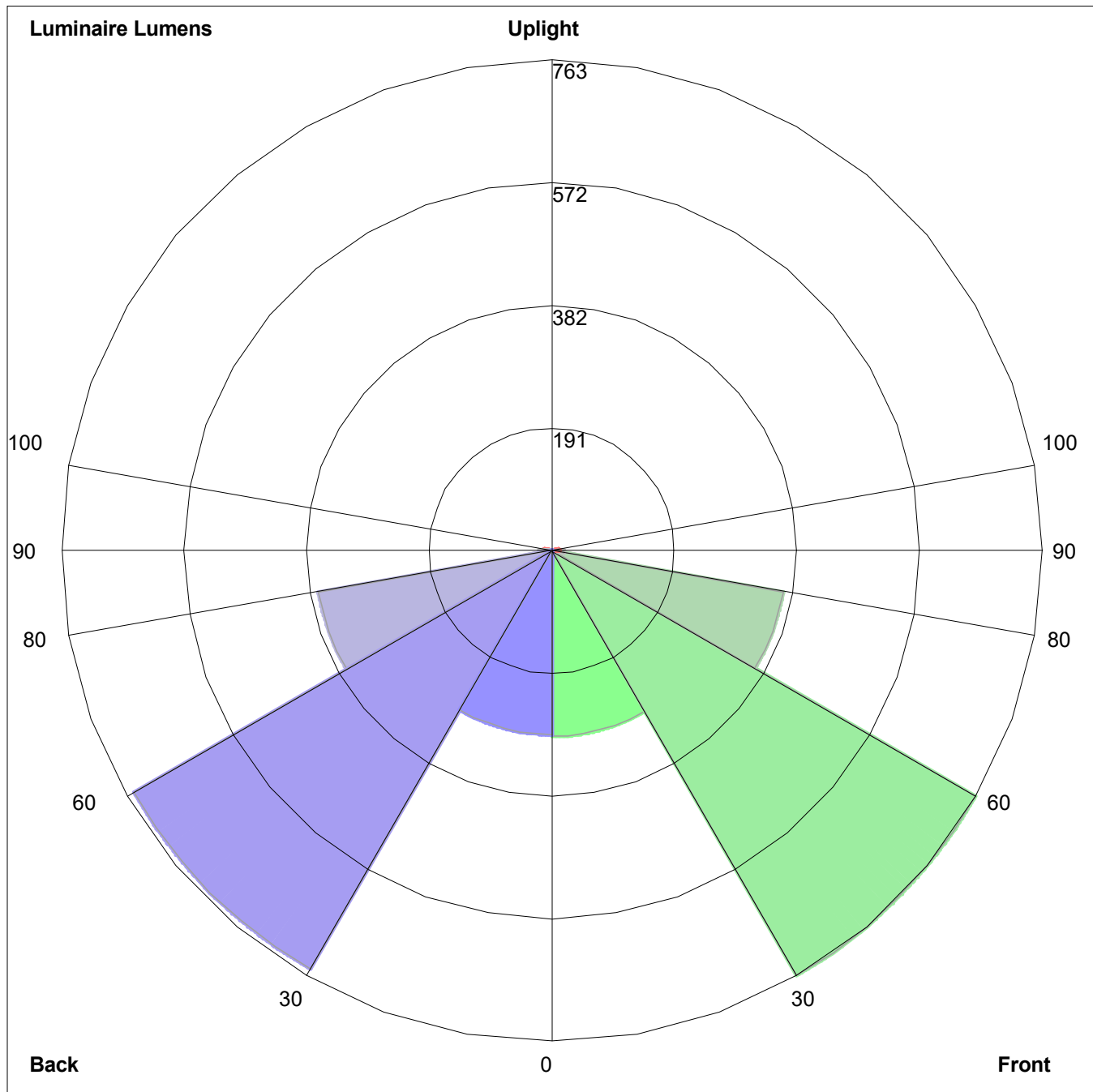


Maximum Candela = 2980.73 Located At Horizontal Angle = 170, Vertical Angle = 66.5  
# 1 - Vertical Plane Through Horizontal Angles (170 - 350) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (66.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=288.9, Medium=763.1, High=366.0, Very High=19.7  
Back: Low=286.0, Medium=752.1, High=368.9, Very High=20.0  
Uplight: Low=12.0, High=0.1

BUG Rating : B1-U2-G1