



IES ROAD REPORT

PHOTOMETRIC FILENAME : CPL MD UV FP 850.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] s17120061b-01
[TESTLAB] LEADING TESTING LABORATORIES
[TESTDATE]
[ISSUEDATE] 2018-01-15 13:11:59
[NEARFIELD]
[LAMPPOSITION] 0,0
[MANUFAC] LumenFocus, LLC.
[LUMINAIRE] CPL MD UV FP 850
[LUMCAT] CANOPY 40W/50K/120-277V/DIMM

CHARACTERISTICS

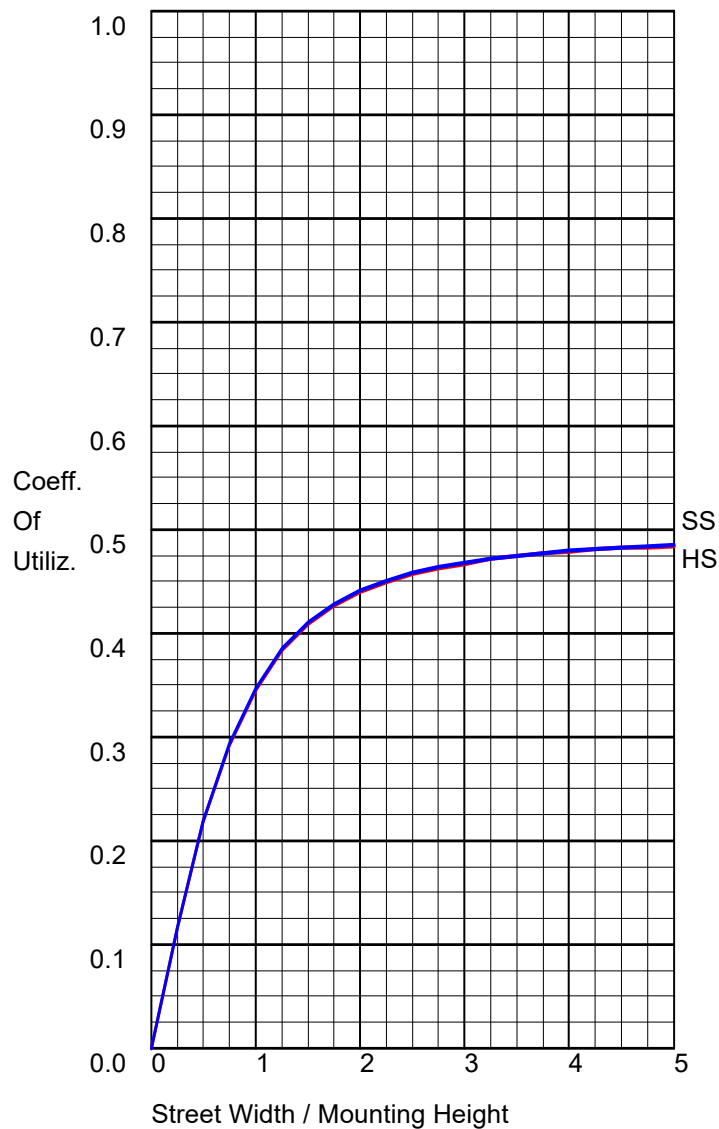
IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	5068.3 (1 lamp)
Total Lamp Lumens	5068.3
Luminaire Lumens	5068
Downward Total Efficiency	99 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	42.8
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Maximum Candela	1548.67
Maximum Candela Angle	140H 6V
Maximum Candela (<90 Degrees Vertical)	1548.67
Maximum Candela Angle (<90 Degrees Vertical)	140H 6V
Maximum Candela At 90 Degrees Vertical	47.12 (0.9% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	296.65 (5.9% Lamp Lumens)
Cutoff Classification (deprecated)	Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	608.9	12.0	12.0
FM - Front-Medium (30-60)	1252.2	24.7	24.7
FH - Front-High (60-80)	570.0	11.2	11.2
FVH - Front-Very High (80-90)	68.8	1.4	1.4
BL - Back-Low (0-30)	611.2	12.1	12.1
BM - Back-Medium (30-60)	1258.0	24.8	24.8
BH - Back-High (60-80)	565.4	11.2	11.2
BVH - Back-Very High (80-90)	65.3	1.3	1.3
UL - Uplight-Low (90-100)	31.3	0.6	0.6
UH - Uplight-High (100-180)	37.4	0.7	0.7
Total	5068.5	100.0	100.0
BUG Rating	B2-U2-G1		

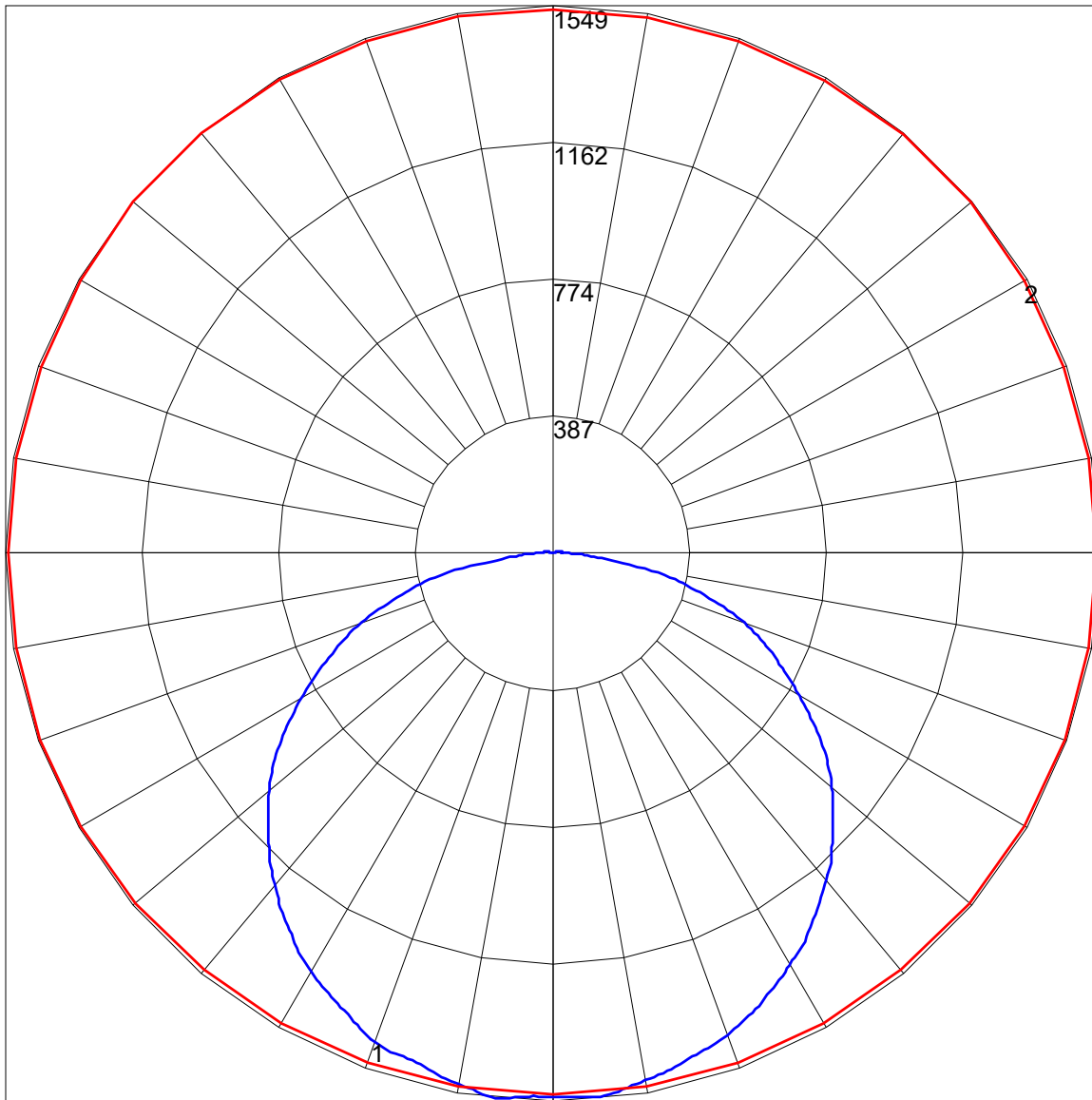
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

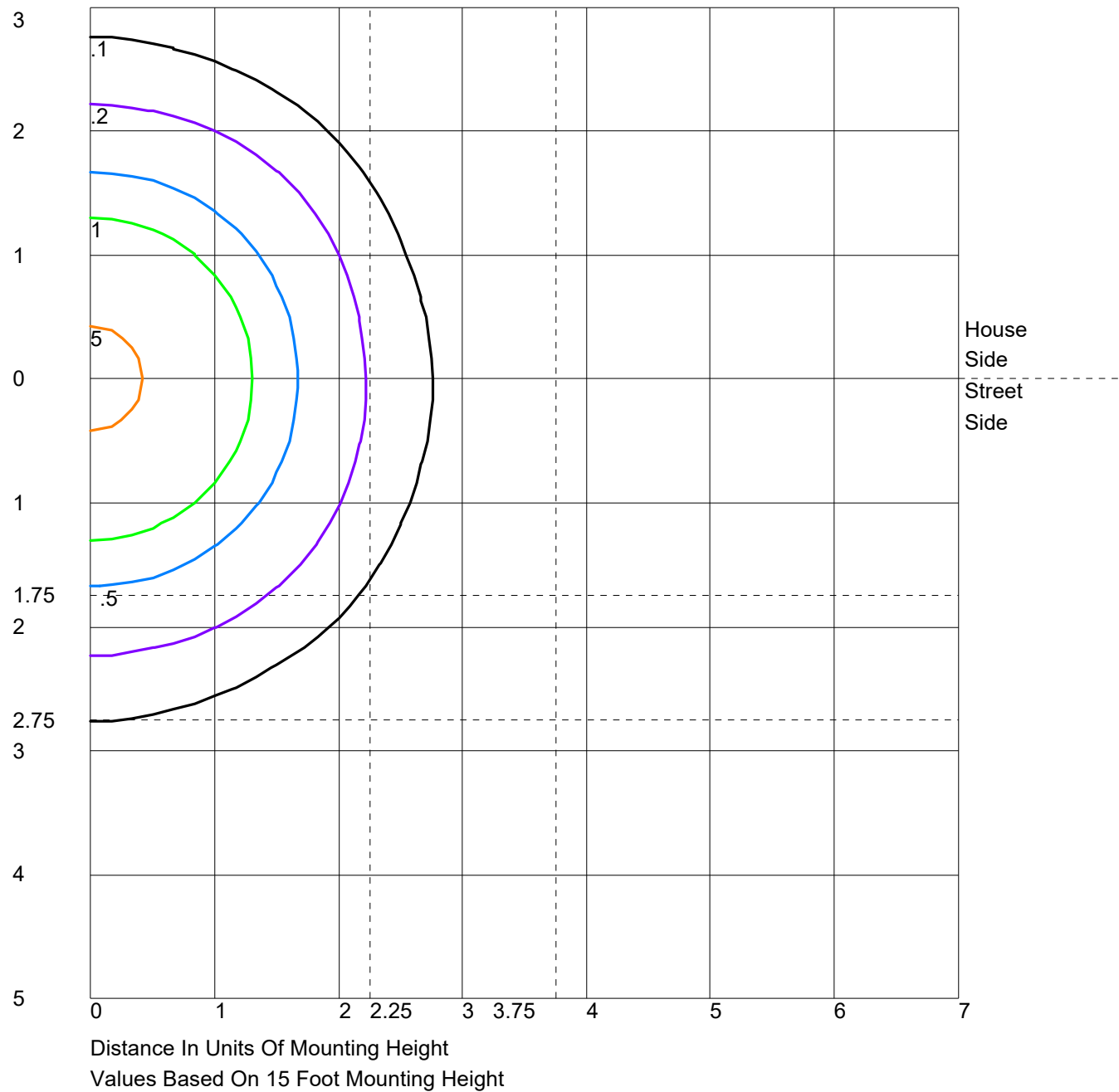
	Lumens	Percent Of Lamp
Downward Street Side	2499.8	49.3
Downward House Side	2499.9	49.3
Downward Total	4999.7	98.6
Upward Street Side	34.7	0.7
Upward House Side	33.9	0.7
Upward Total	68.6	1.4
Total Flux	5068.3	100.0

POLAR GRAPH

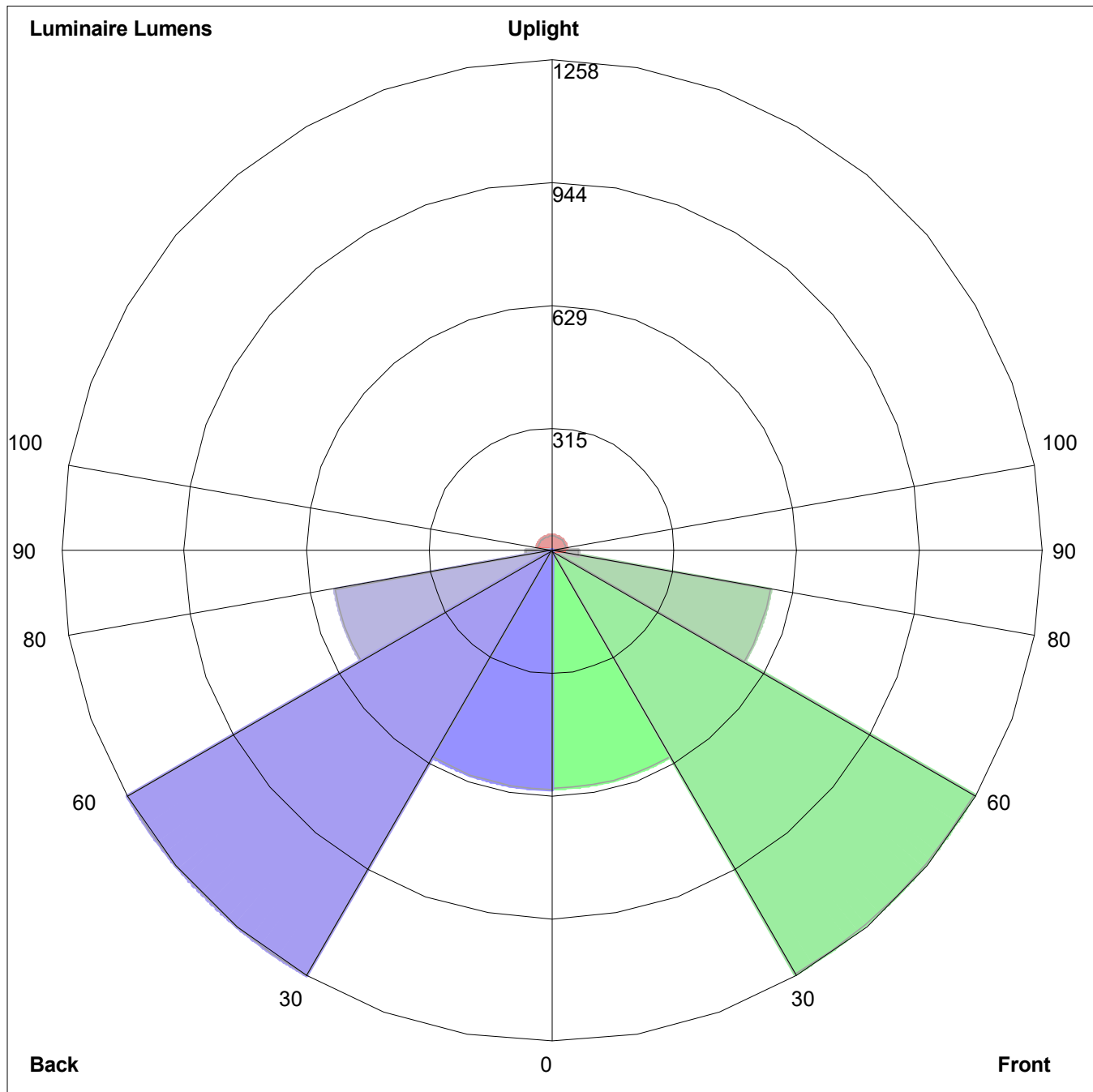


Maximum Candela = 1548.67 Located At Horizontal Angle = 140, Vertical Angle = 6
1 - Vertical Plane Through Horizontal Angles (140 - 320) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (6) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=608.9, Medium=1252.2, High=570.0, Very High=68.8
Back: Low=611.2, Medium= 1258.0, High=565.4, Very High=65.3
Uplight: Low=31.3, High=37.4

BUG Rating : B2-U2-G1