



## IES ROAD REPORT

PHOTOMETRIC FILENAME : CPL HI UV FP 850.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] s17120061d-01  
[TESTLAB] LEADING TESTING LABORATORIES  
[TESTDATE]  
[ISSUEDATE] 2018-01-15 14:08:32  
[NEARFIELD]  
[LAMPPOSITION] 0,0  
[MANUFAC] LumenFocus, LLC.  
[LUMINAIRE] CPL HI UV FP 850  
[LUMCAT] CANOPY 60W/50K/120-277V/DIMM

### CHARACTERISTICS

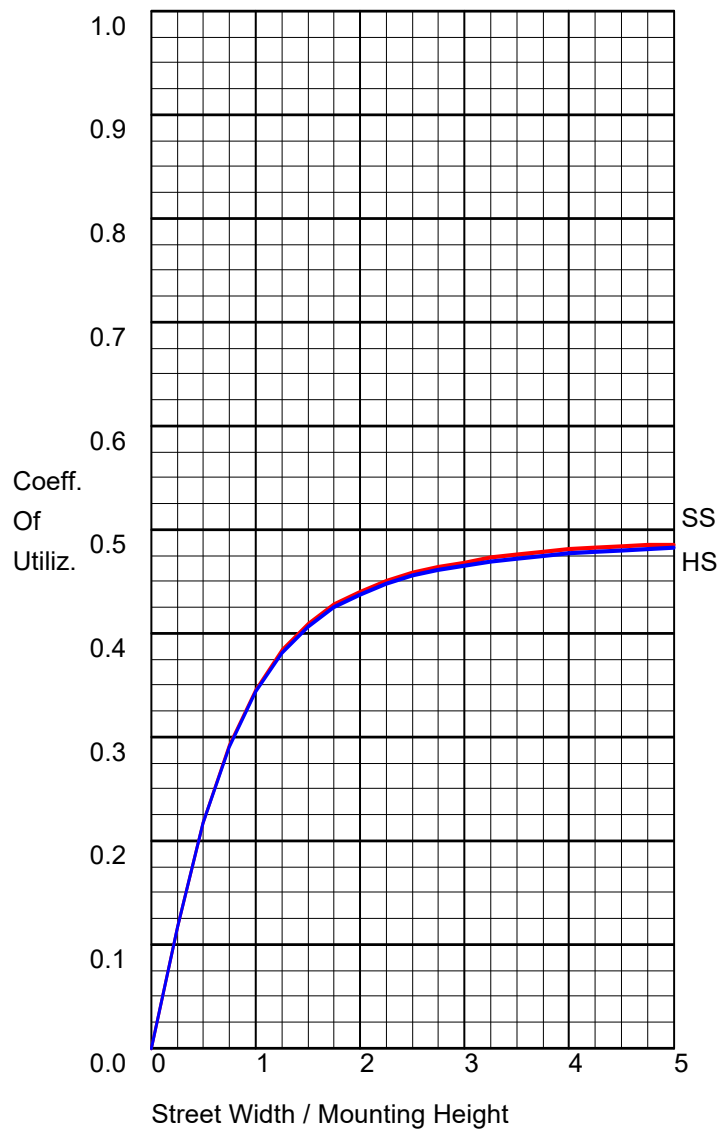
IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	6614.6 (1 lamp)
Total Lamp Lumens	6614.6
Luminaire Lumens	6615
Downward Total Efficiency	99 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	57.43
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Maximum Candela	2011.52
Maximum Candela Angle	270H 5.5V
Maximum Candela (<90 Degrees Vertical)	2011.52
Maximum Candela Angle (<90 Degrees Vertical)	270H 5.5V
Maximum Candela At 90 Degrees Vertical	61.51 (0.9% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	396.83 (6.0% Lamp Lumens)
Cutoff Classification (deprecated)	Cutoff

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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	793.9	12.0	12.0
FM - Front-Medium (30-60)	1641.0	24.8	24.8
FH - Front-High (60-80)	749.7	11.3	11.3
FVH - Front-Very High (80-90)	88.9	1.3	1.3
BL - Back-Low (0-30)	791.1	12.0	12.0
BM - Back-Medium (30-60)	1628.8	24.6	24.6
BH - Back-High (60-80)	741.5	11.2	11.2
BVH - Back-Very High (80-90)	87.7	1.3	1.3
UL - Uplight-Low (90-100)	41.4	0.6	0.6
UH - Uplight-High (100-180)	50.7	0.8	0.8
Total	6614.7	99.9	100.0
BUG Rating	B2-U3-G1		

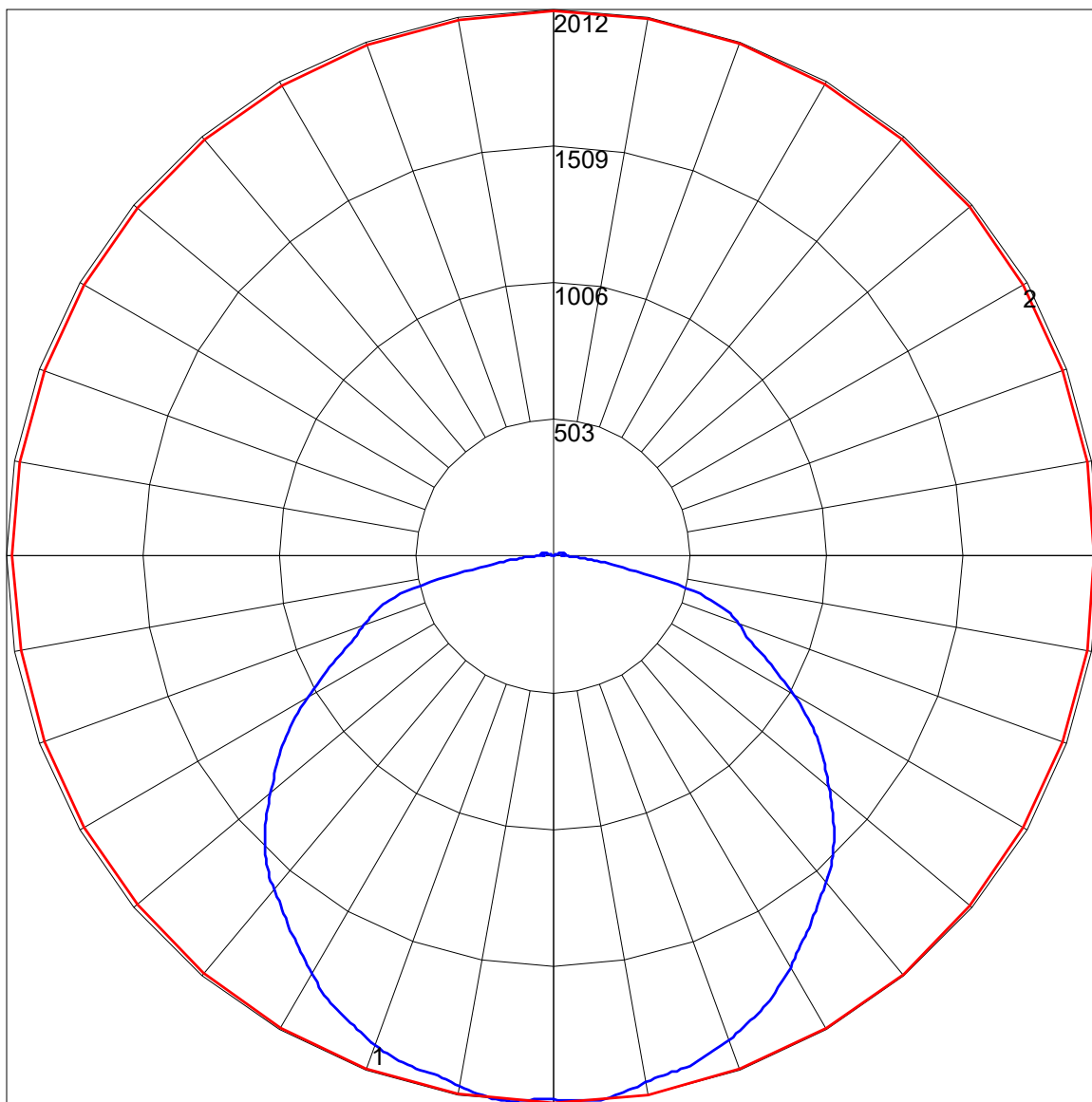
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

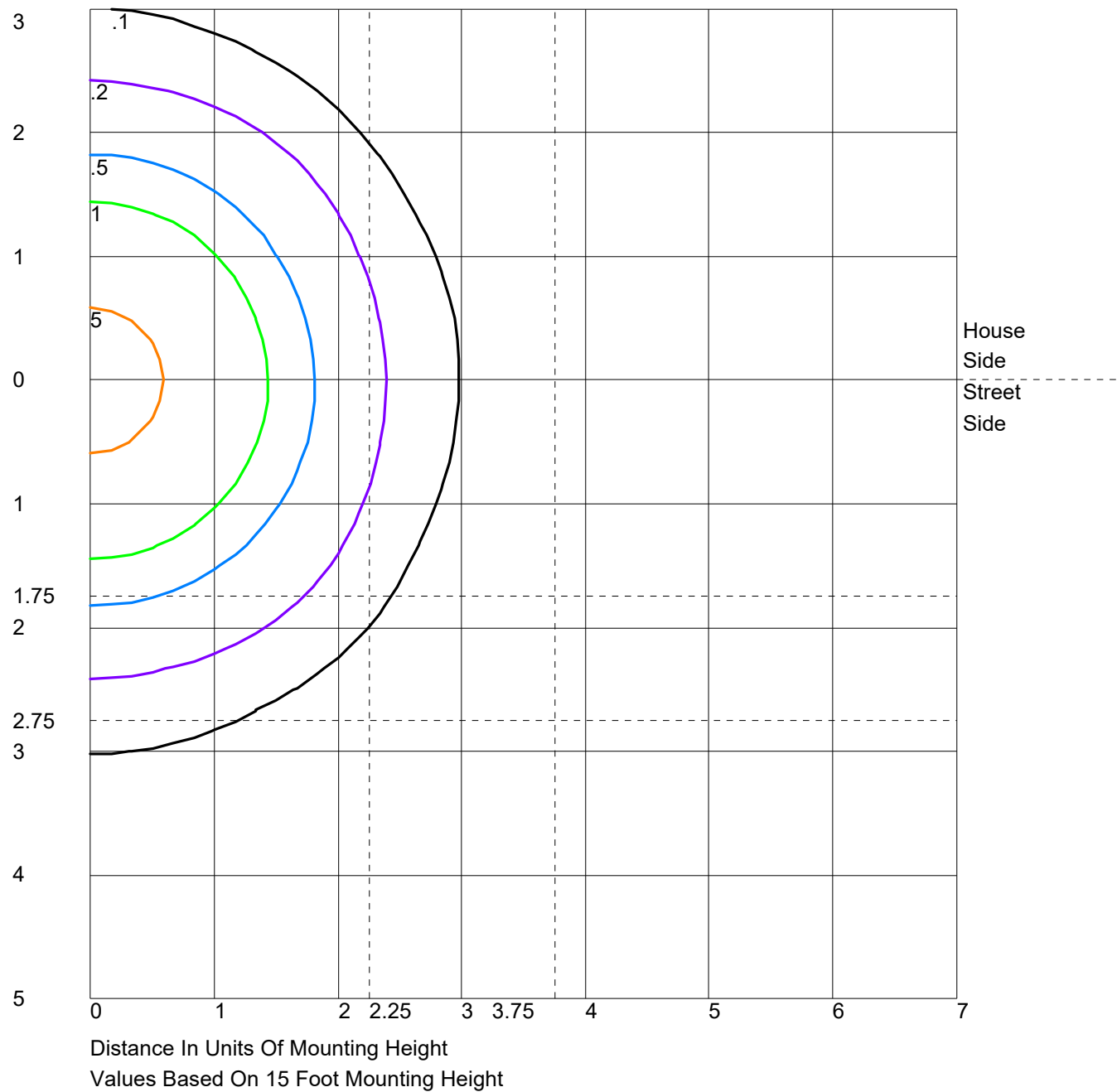
	Lumens	Percent Of Lamp
Downward Street Side	3273.5	49.5
Downward House Side	3249.0	49.1
Downward Total	6522.5	98.6
Upward Street Side	46.0	0.7
Upward House Side	46.1	0.7
Upward Total	92.1	1.4
Total Flux	6614.6	100.0

POLAR GRAPH

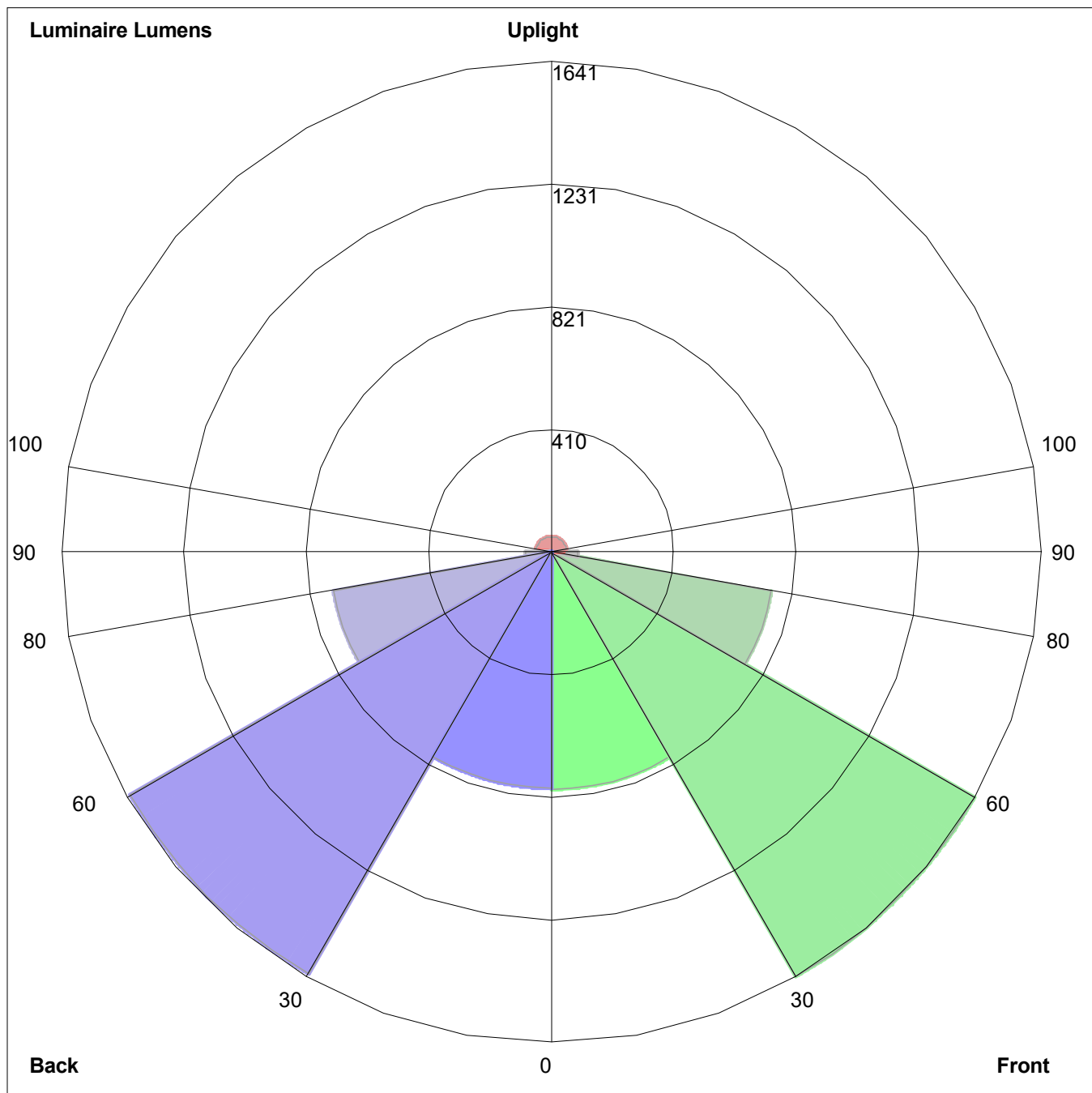


Maximum Candela = 2011.52 Located At Horizontal Angle = 270, Vertical Angle = 5.5  
# 1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (5.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=793.9, Medium= 1641.0, High=749.7, Very High=88.9  
Back: Low=791.1, Medium=1628.8, High=741.5, Very High=87.7  
Uplight: Low=41.4, High=50.7

BUG Rating : B2-U3-G1