



## IES ROAD REPORT

PHOTOMETRIC FILENAME : CPL VH UV FP 850.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] s17120061f-01  
[TESTLAB] LEADING TESTING LABORATORIES  
[TESTDATE]  
[ISSUEDATE] 2018-01-15 14:45:29  
[NEARFIELD]  
[LAMPPOSITION] 0,0  
[MANUFAC] LumenFocus, LLC.  
[LUMINAIRE] CPL VH UV FP 850  
[LUMCAT] CANOPY 75W/50K/120-277V/DIMM

### CHARACTERISTICS

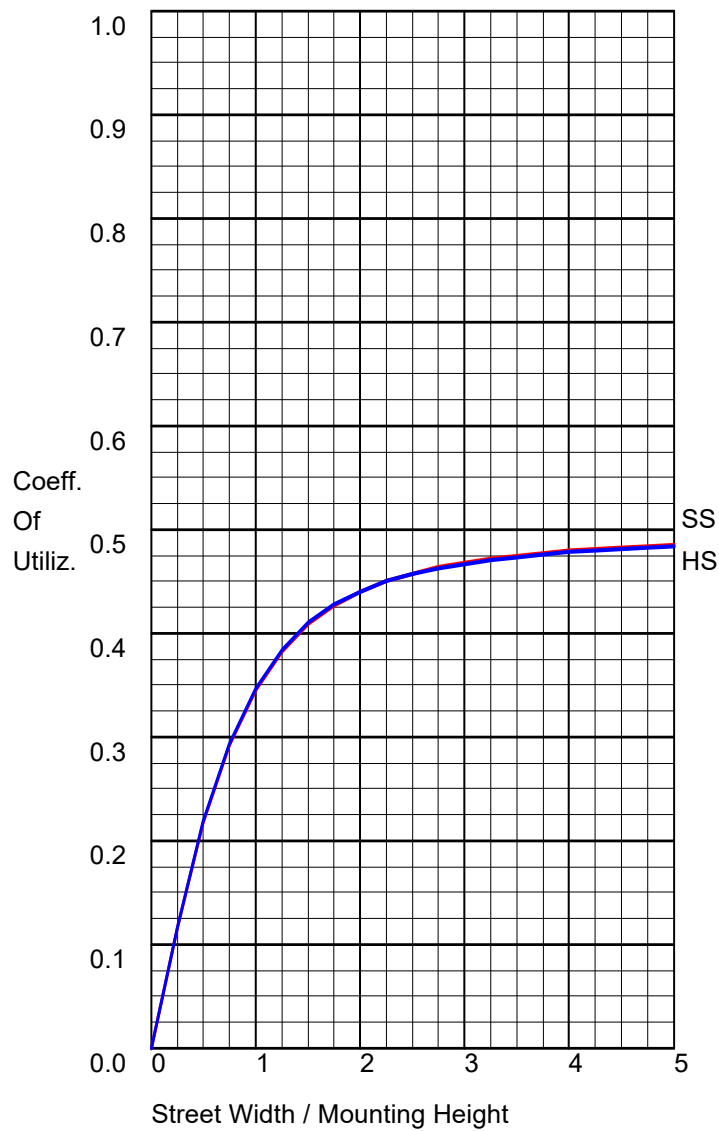
IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	8096.5 (1 lamp)
Total Lamp Lumens	8096.5
Luminaire Lumens	8096
Downward Total Efficiency	99 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	113
Total Luminaire Watts	71.91
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Maximum Candela	2466.98
Maximum Candela Angle	90H 4.5V
Maximum Candela (<90 Degrees Vertical)	2466.98
Maximum Candela Angle (<90 Degrees Vertical)	90H 4.5V
Maximum Candela At 90 Degrees Vertical	74.7 (0.9% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	488.39 (6.0% Lamp Lumens)
Cutoff Classification (deprecated)	Cutoff

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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	970.3	12.0	12.0
FM - Front-Medium (30-60)	2000.8	24.7	24.7
FH - Front-High (60-80)	919.3	11.4	11.4
FVH - Front-Very High (80-90)	112.2	1.4	1.4
BL - Back-Low (0-30)	974.0	12.0	12.0
BM - Back-Medium (30-60)	2010.4	24.8	24.8
BH - Back-High (60-80)	894.3	11.0	11.0
BVH - Back-Very High (80-90)	104.4	1.3	1.3
UL - Uplight-Low (90-100)	50.1	0.6	0.6
UH - Uplight-High (100-180)	60.5	0.7	0.7
Total	8096.3	99.9	100.0
BUG Rating	B2-U3-G2		

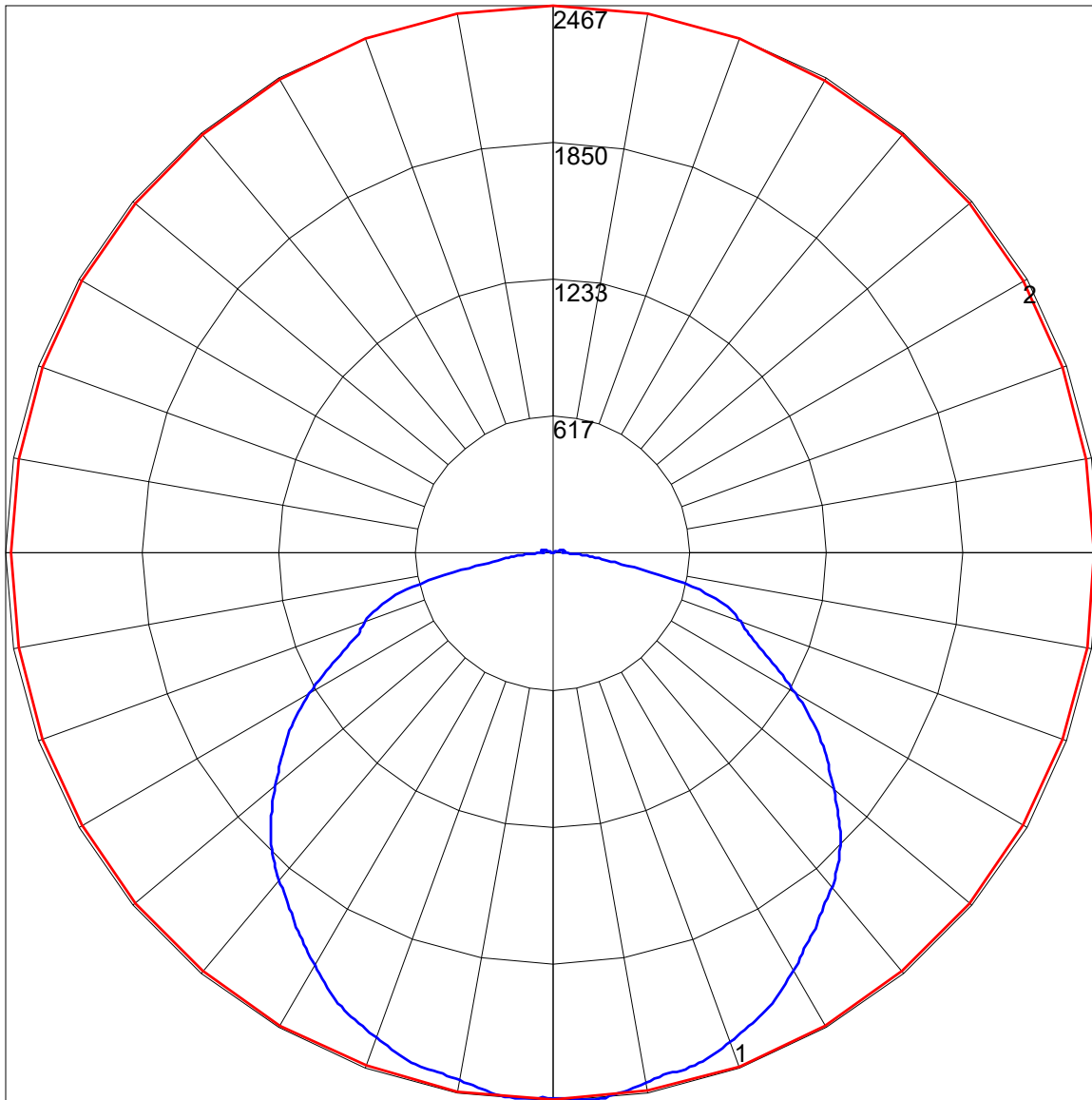
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

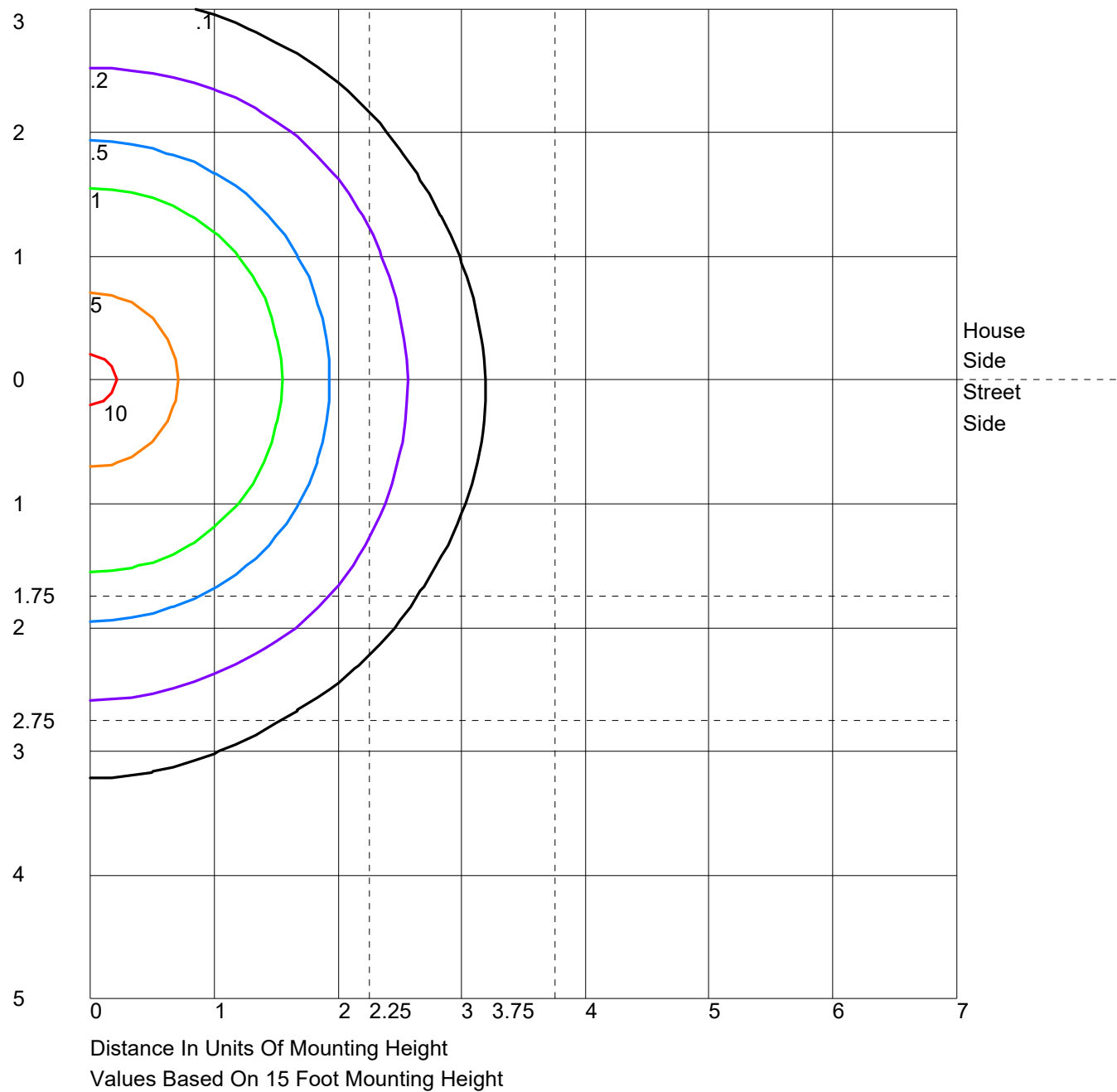
	Lumens	Percent Of Lamp
Downward Street Side	4002.7	49.4
Downward House Side	3983.1	49.2
Downward Total	7985.8	98.6
Upward Street Side	56.4	0.7
Upward House Side	54.2	0.7
Upward Total	110.6	1.4
Total Flux	8096.4	100.0

POLAR GRAPH

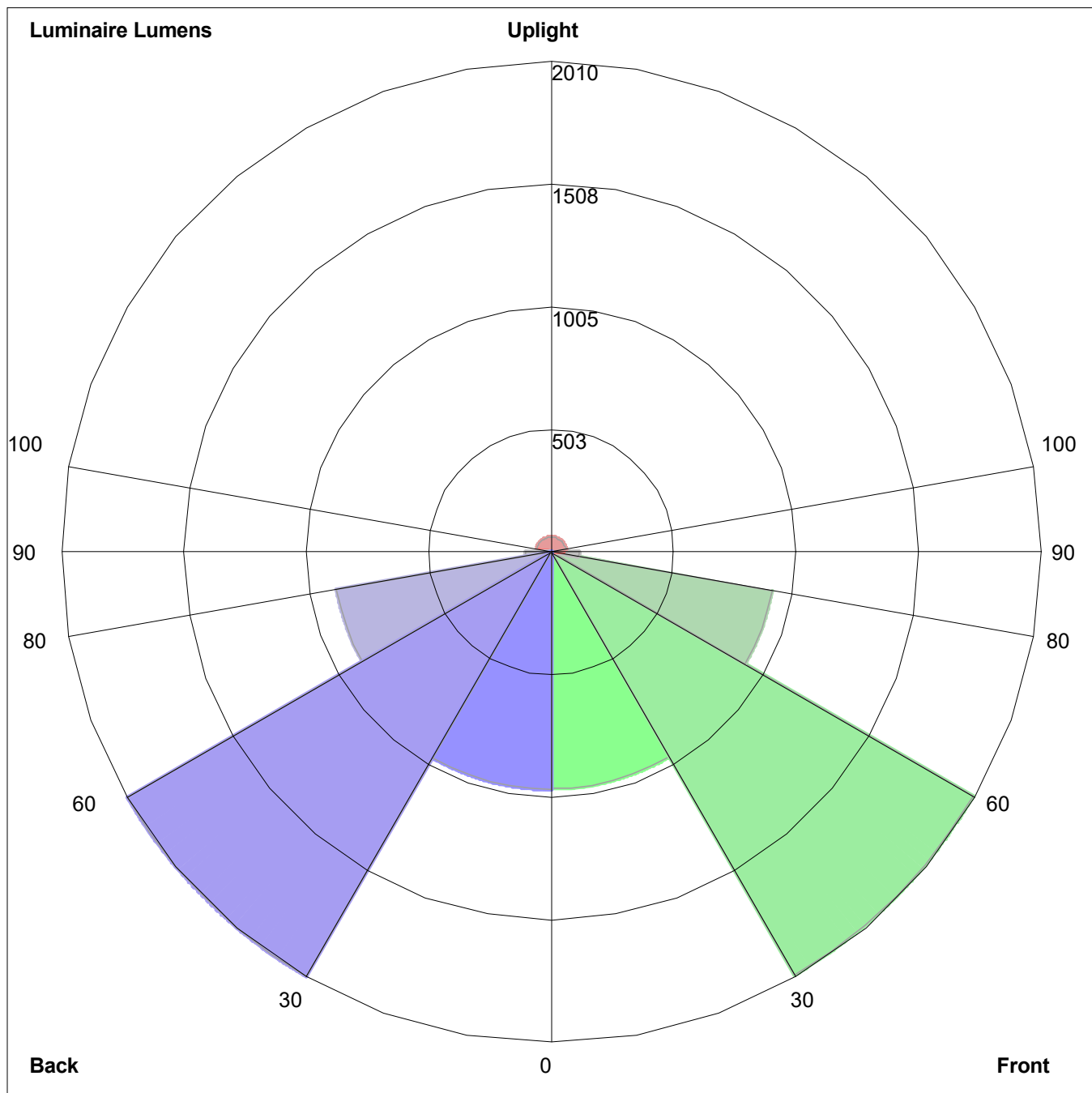


Maximum Candela = 2466.98 Located At Horizontal Angle = 90, Vertical Angle = 4.5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (4.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=970.3, Medium=2000.8, High=919.3, Very High=112.2  
Back: Low=974.0, Medium=2010.4, High=894.3, Very High=104.4  
Uplight: Low=50.1, High=60.5

BUG Rating : B2-U3-G2