

IES ROAD REPORT

PHOTOMETRIC FILENAME : CPL LW UV FP 850.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] s17120061a-01
[TESTLAB] LEADING TESTING LABORATORIES
[TESTDATE] 2020-0314
[ISSUEDATE] 2020-03-14 09:51:32
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000B_V1 SYSTEM
[MANUFAC] LumenFocus, LLC.
[LUMINAIRE] CPL LW UV FP 850
[LUMCAT] LED CANOPY 21W/50K/120-277V/DIMM

CHARACTERISTICS

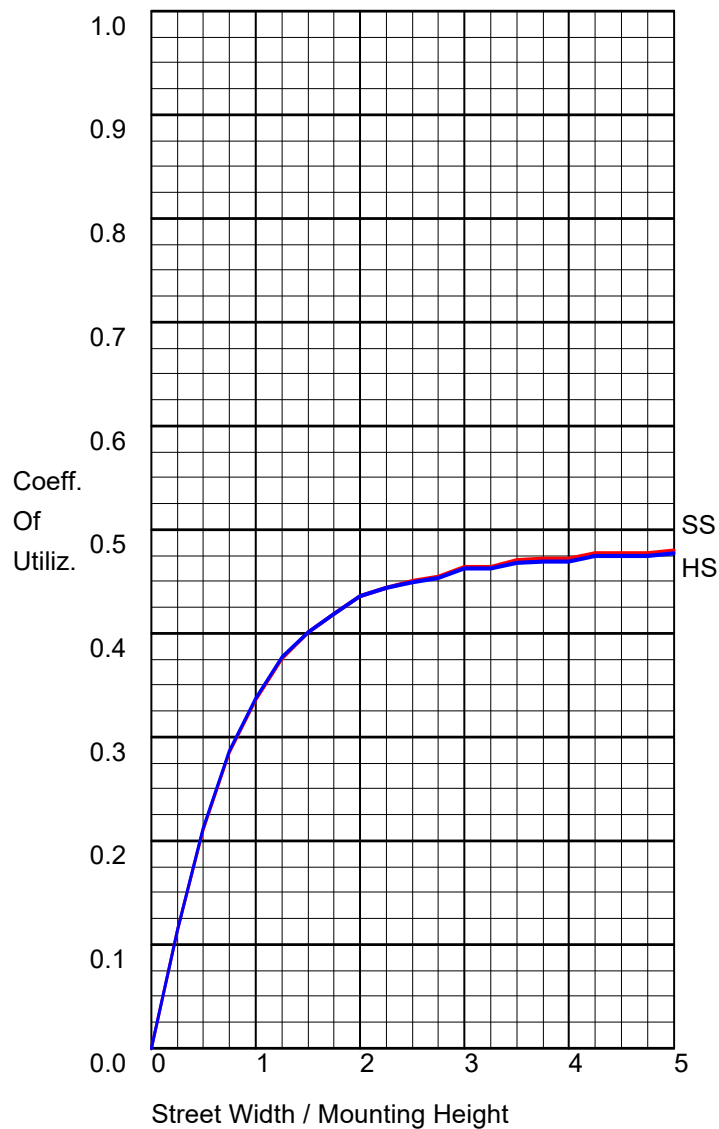
IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	3099.5 (1 lamp)
Total Lamp Lumens	3099.5
Luminaire Lumens	3099
Downward Total Efficiency	98 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	137
Total Luminaire Watts	22.7
Ballast Factor	1.00
Upward Waste Light Ratio	0.02
Maximum Candela	936.78
Maximum Candela Angle	180H 2.5V
Maximum Candela (<90 Degrees Vertical)	936.78
Maximum Candela Angle (<90 Degrees Vertical)	180H 2.5V
Maximum Candela At 90 Degrees Vertical	53.531 (1.7% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	225.19 (7.3% Lamp Lumens)
Cutoff Classification (deprecated)	Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	365.3	11.8	11.8
FM - Front-Medium (30-60)	744.1	24.0	24.0
FH - Front-High (60-80)	358.5	11.6	11.6
FVH - Front-Very High (80-90)	58.0	1.9	1.9
BL - Back-Low (0-30)	369.8	11.9	11.9
BM - Back-Medium (30-60)	746.2	24.1	24.1
BH - Back-High (60-80)	344.2	11.1	11.1
BVH - Back-Very High (80-90)	50.8	1.6	1.6
UL - Uplight-Low (90-100)	25.5	0.8	0.8
UH - Uplight-High (100-180)	37.1	1.2	1.2
Total	3099.5	100.0	100.0
BUG Rating	B1-U2-G1		

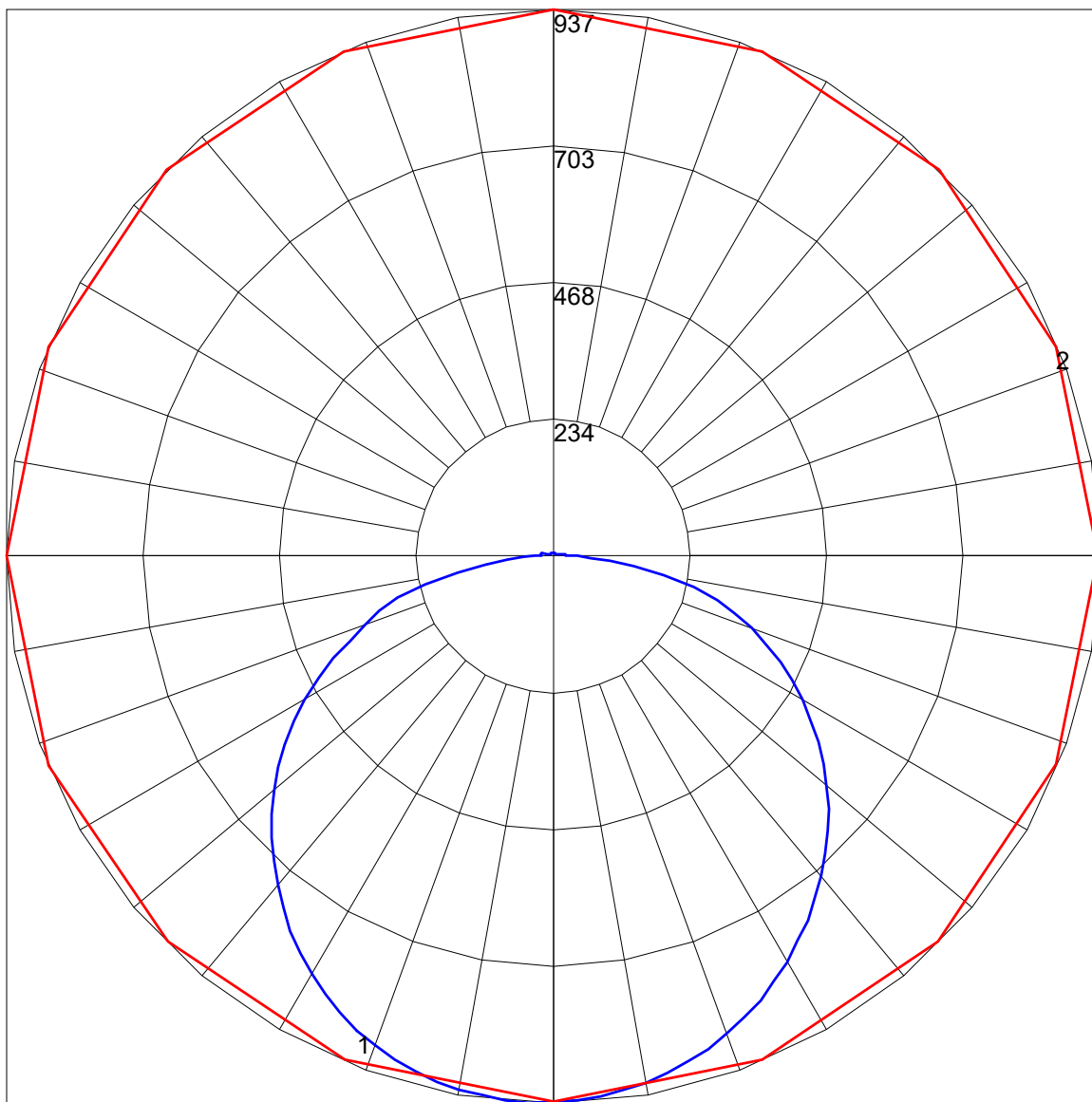
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	1525.9	49.2
Downward House Side	1511.1	48.8
Downward Total	3037.0	98.0
Upward Street Side	32.5	1.0
Upward House Side	30.0	1.0
Upward Total	62.5	2.0
Total Flux	3099.5	100.0

POLAR GRAPH

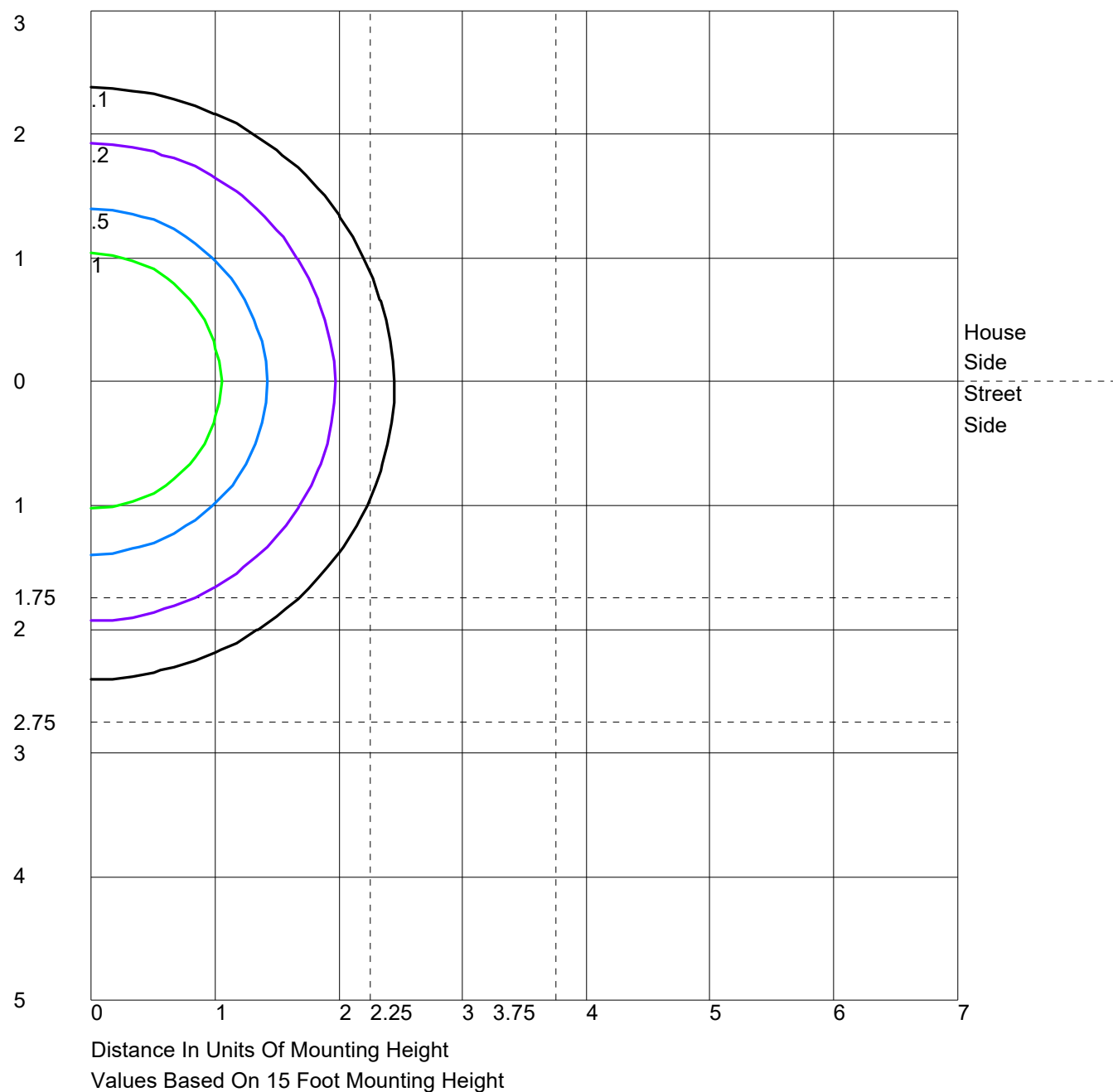


Maximum Candela = 936.78 Located At Horizontal Angle = 180, Vertical Angle = 2.5

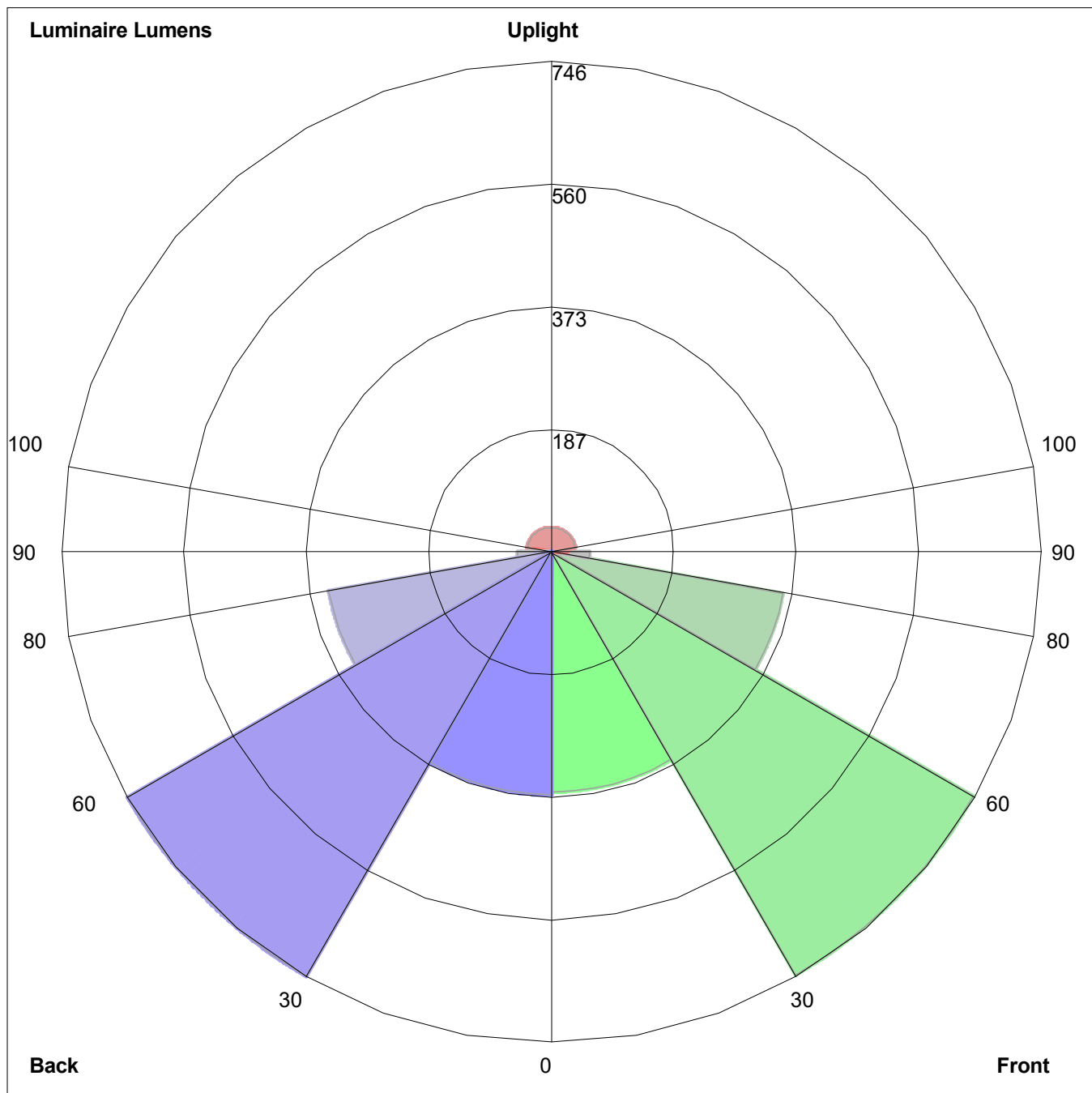
1 - Vertical Plane Through Horizontal Angles (180 - 0) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=365.3, Medium=744.1, High=358.5, Very High=58.0
Back: Low=369.8, Medium=746.2, High=344.2, Very High=50.8
Uplight: Low=25.5, High=37.1

BUG Rating : B1-U2-G1