



IES ROAD REPORT

PHOTOMETRIC FILENAME : EPN V2 VL F UV TBG 740.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] R2DG200807052-10
[TESTLAB] BACL
[TESTDATE] 2020-08-03
[ISSUEDATE] 2020-10-21 16:35:23
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[MANUFAC] LumenFocus, LLC.
[LUMINAIRE] EPN v2 VL F UV TBG 740
[LAMPCAT] EPN v2 VL F UV TBG 740
[LAMP] N/A

CHARACTERISTICS

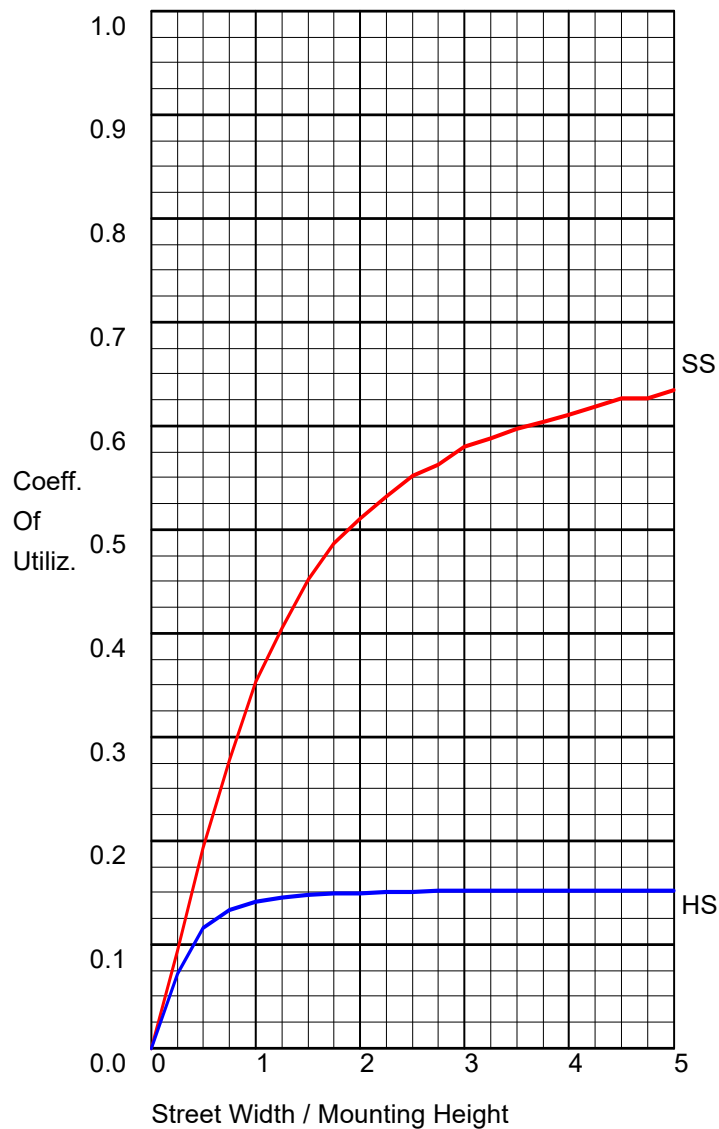
IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6414
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	151
Total Luminaire Watts	42.5
Ballast Factor	1.00
Upward Waste Light Ratio	0.13
Maximum Candela	2852.45
Maximum Candela Angle	360H 36V
Maximum Candela (<90 Degrees Vertical)	2852.45
Maximum Candela Angle (<90 Degrees Vertical)	360H 36V
Maximum Candela At 90 Degrees Vertical	1300.32 (20.3% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2113.58 (33.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	726.8	N.A.	11.3
FM - Front-Medium (30-60)	1909.7	N.A.	29.8
FH - Front-High (60-80)	1347.3	N.A.	21.0
FVH - Front-Very High (80-90)	592.4	N.A.	9.2
BL - Back-Low (0-30)	447.4	N.A.	7.0
BM - Back-Medium (30-60)	404.2	N.A.	6.3
BH - Back-High (60-80)	109.2	N.A.	1.7
BVH - Back-Very High (80-90)	24.7	N.A.	0.4
UL - Uplight-Low (90-100)	438.1	N.A.	6.8
UH - Uplight-High (100-180)	413.7	N.A.	6.4
Total	6413.5	N.A.	100.0
BUG Rating	B1-U3-G4		

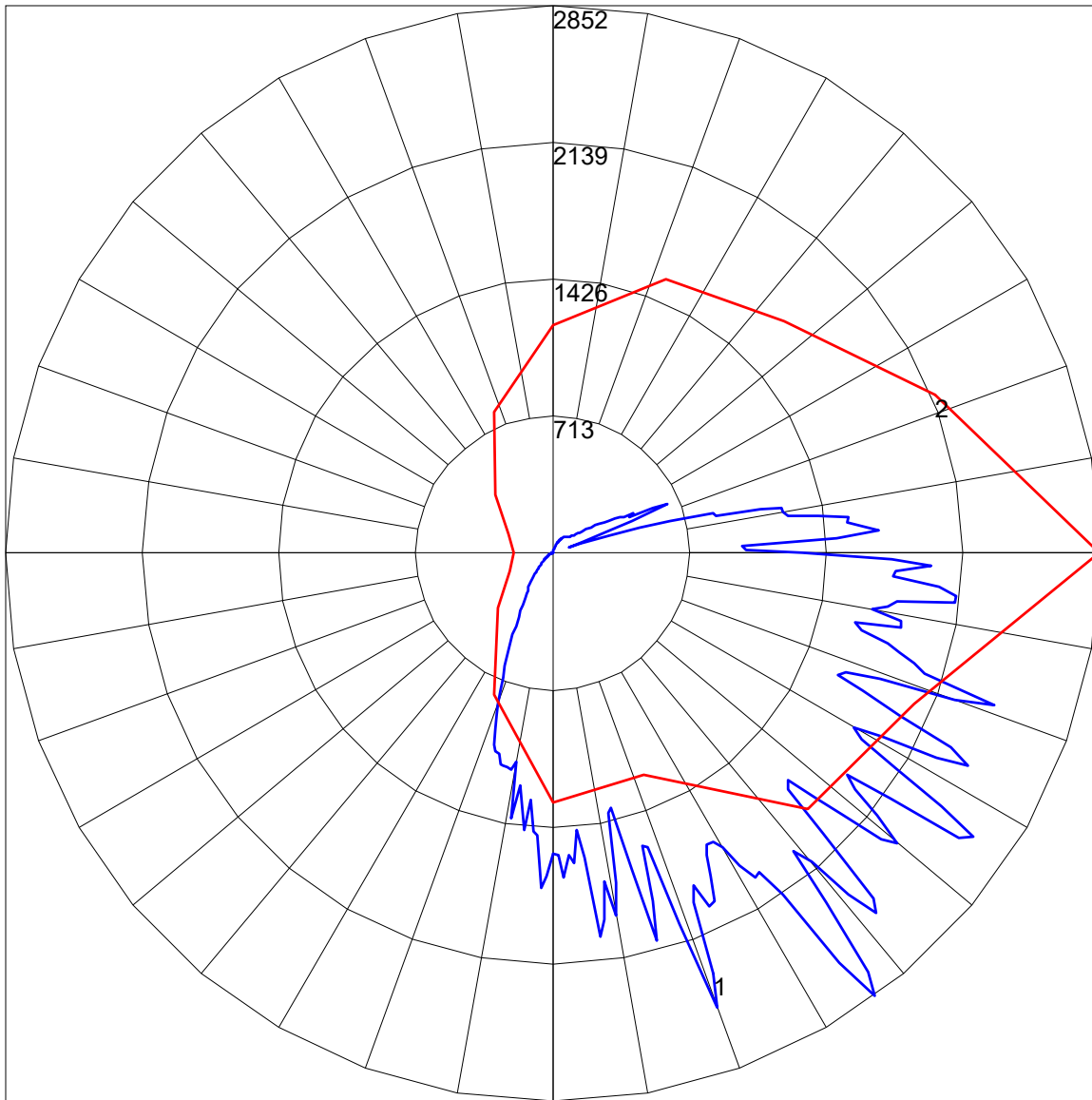
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

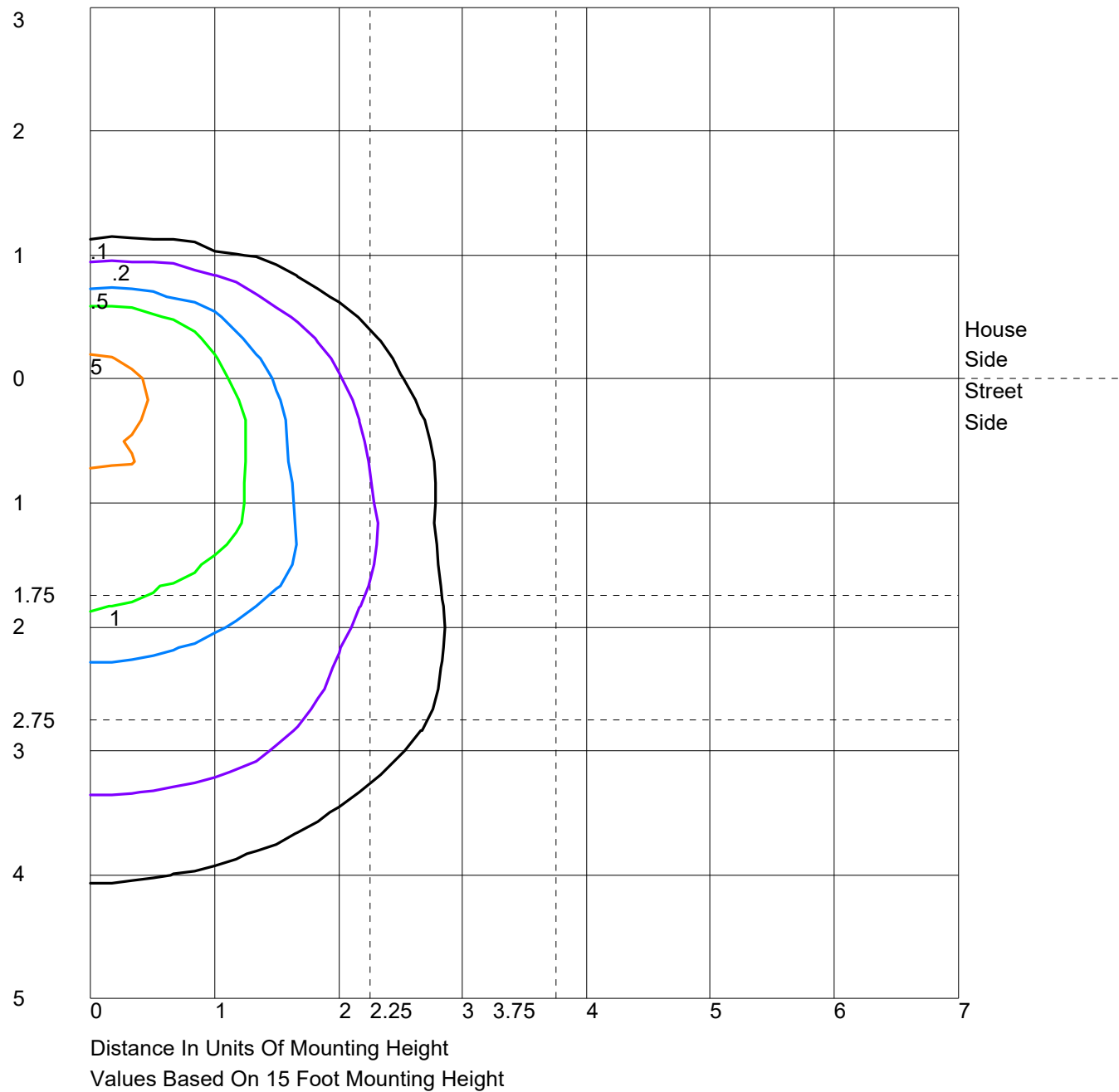
	Lumens	Percent Of Luminaire
Downward Street Side	4576.2	71.4
Downward House Side	985.5	15.4
Downward Total	5561.7	86.7
Upward Street Side	808.8	12.6
Upward House Side	43.0	0.7
Upward Total	851.8	13.3
Total Flux	6413.5	100.0

POLAR GRAPH

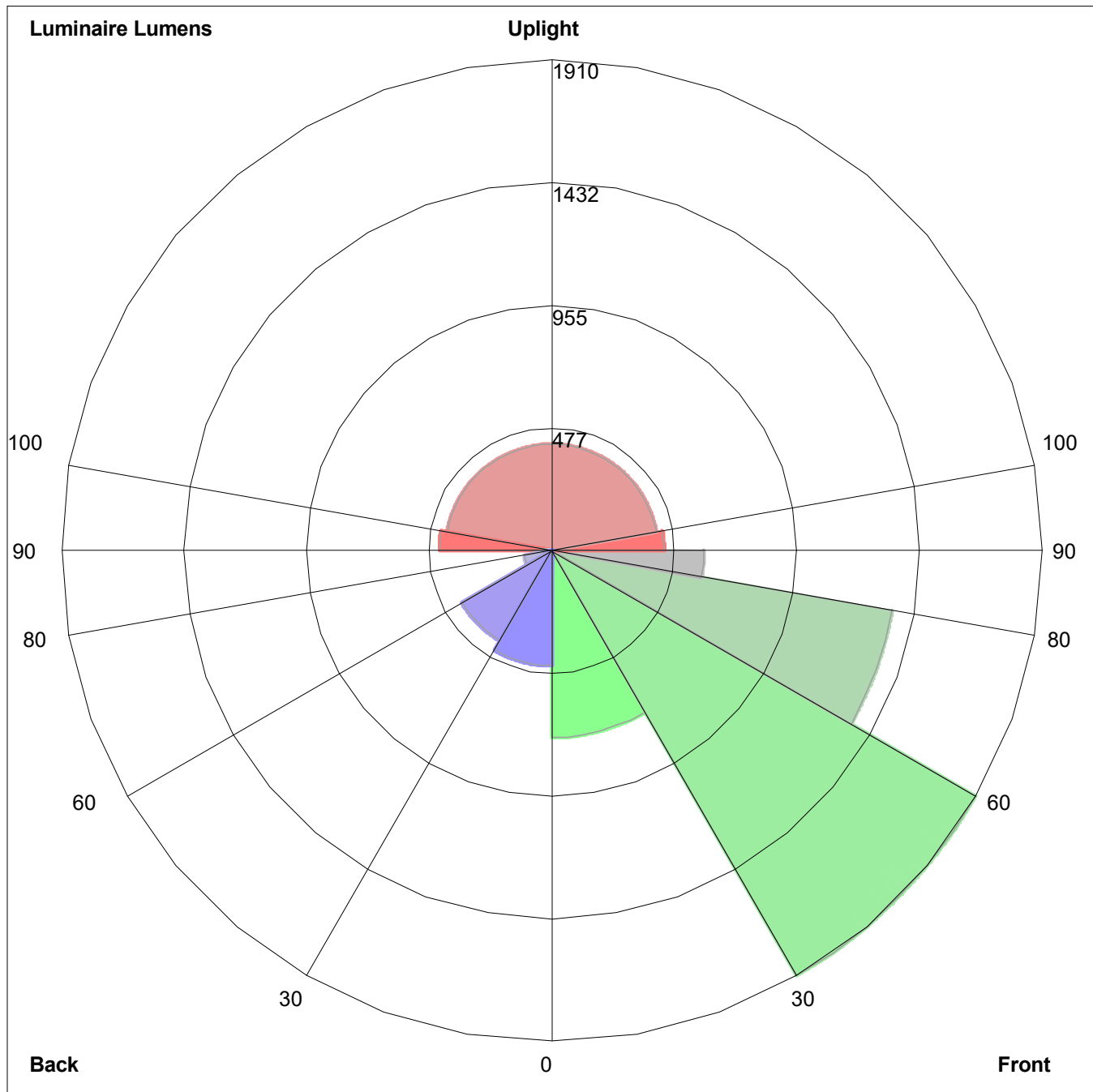


Maximum Candela = 2852.45 Located At Horizontal Angle = 360, Vertical Angle = 36
1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (36) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=726.8, Medium=1909.7, High=1347.3, Very High=592.4
Back: Low=447.4, Medium=404.2, High=109.2, Very High=24.7
Uplight: Low=438.1, High=413.7

BUG Rating : B1-U3-G4