

IES ROAD REPORT

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

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] R2DG200807053-10
[TESTLAB] BACL
[TESTDATE] 2020-08-03
[ISSUEDATE] 2020-10-21 16:36:57
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[MANUFAC] LumenFocus, LLC.
[LUMINAIRE] EPN v2 LW F UV TBG 740
[LUMCAT] EPN v2 LW F UV TBG 740
[LAMP] N/A

CHARACTERISTICS

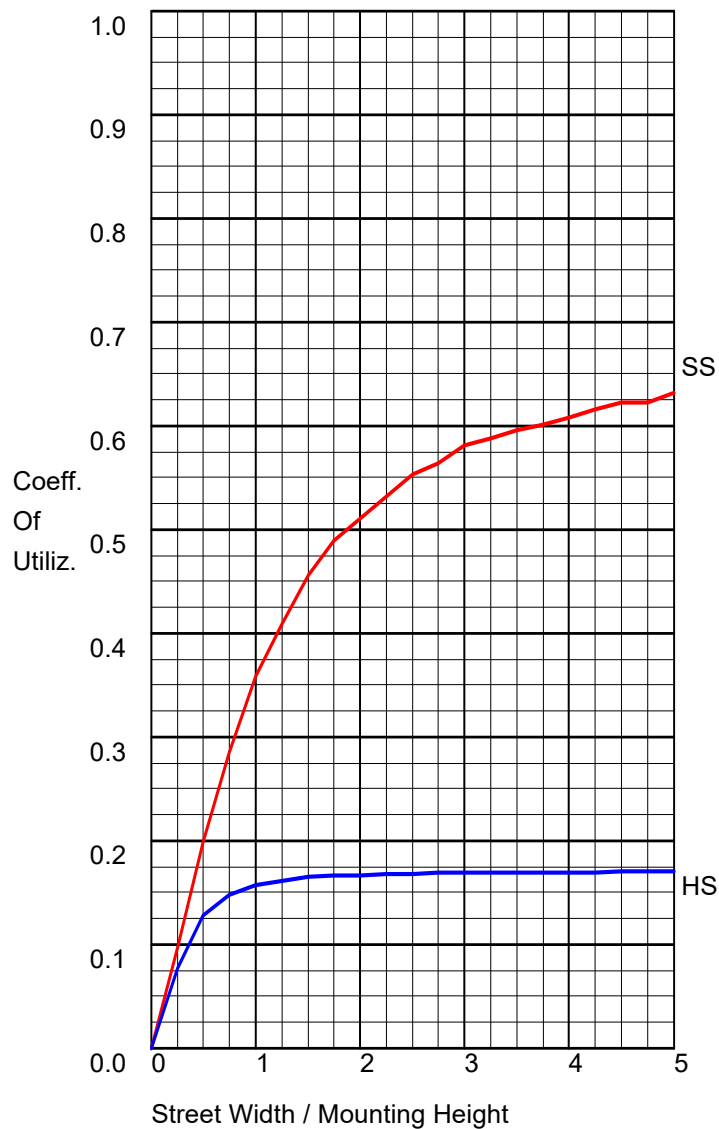
IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8275
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	147
Total Luminaire Watts	56.3
Ballast Factor	1.00
Upward Waste Light Ratio	0.12
Maximum Candela	3625.92
Maximum Candela Angle	360H 53V
Maximum Candela (<90 Degrees Vertical)	3625.92
Maximum Candela Angle (<90 Degrees Vertical)	360H 53V
Maximum Candela At 90 Degrees Vertical	1748.22 (21.1% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2885.92 (34.9% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT
PHOTOMETRIC FILENAME : EPN V2 LW F UV TBG 740.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	921.5	N.A.	11.1
FM - Front-Medium (30-60)	2483.7	N.A.	30.0
FH - Front-High (60-80)	1706.8	N.A.	20.6
FVH - Front-Very High (80-90)	721.2	N.A.	8.7
BL - Back-Low (0-30)	631.6	N.A.	7.6
BM - Back-Medium (30-60)	598.0	N.A.	7.2
BH - Back-High (60-80)	155.2	N.A.	1.9
BVH - Back-Very High (80-90)	32.2	N.A.	0.4
UL - Uplight-Low (90-100)	544.2	N.A.	6.6
UH - Uplight-High (100-180)	480.5	N.A.	5.8
Total	8274.9	N.A.	100.0
BUG Rating	B2-U4-G4		

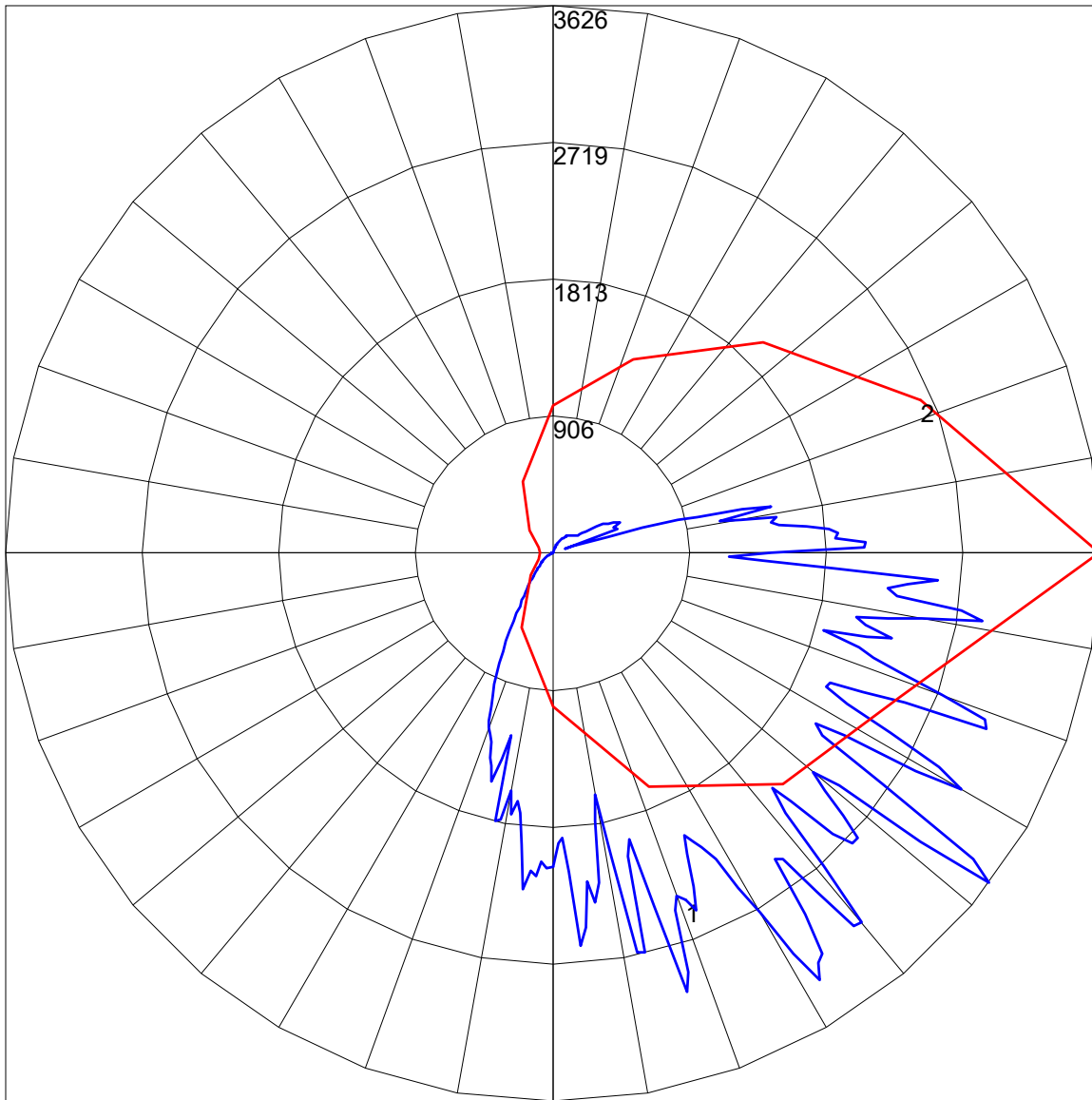
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

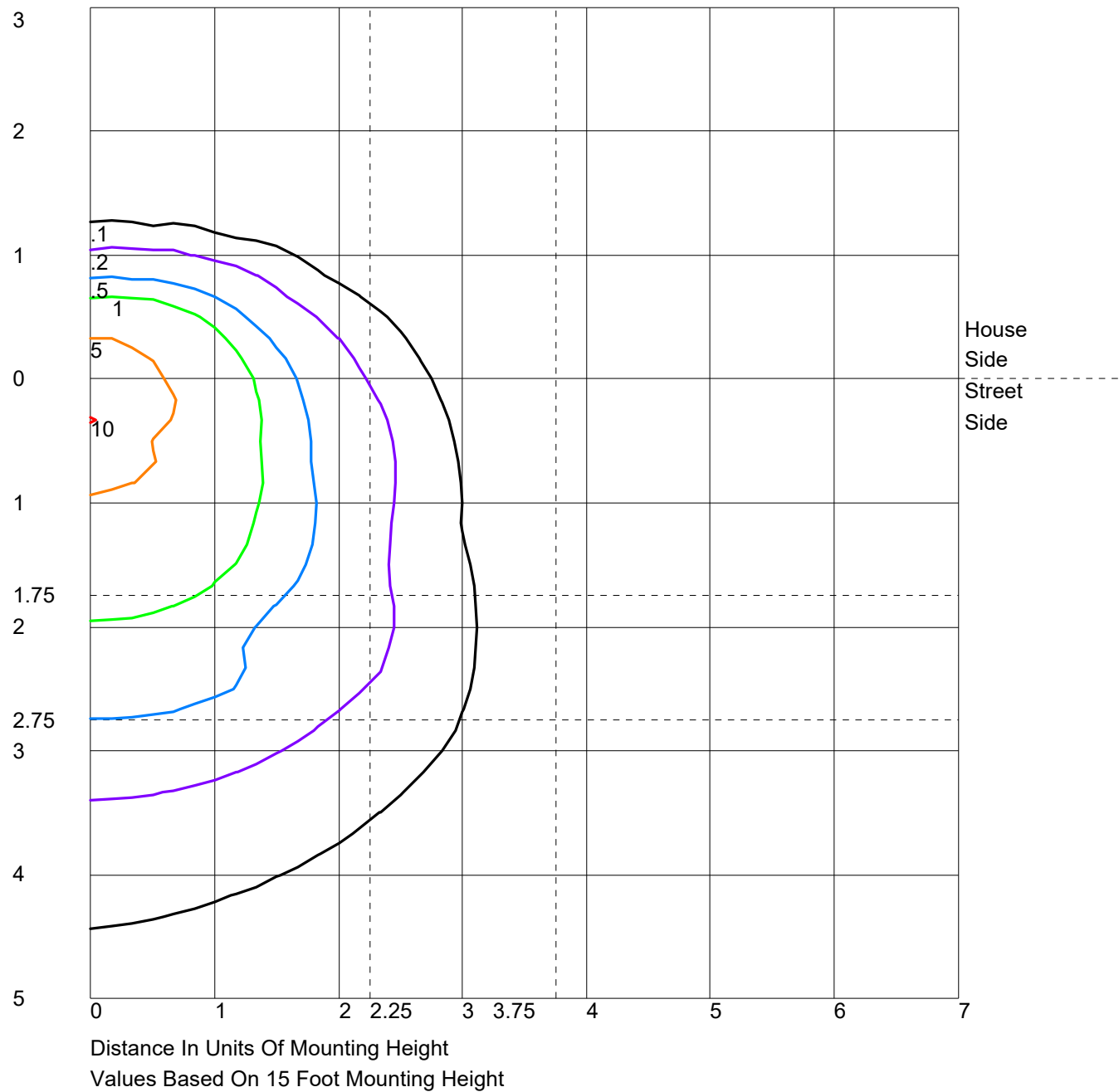
	Lumens	Percent Of Luminaire
Downward Street Side	5833.1	70.5
Downward House Side	1417.0	17.1
Downward Total	7250.1	87.6
Upward Street Side	971.9	11.7
Upward House Side	52.8	0.6
Upward Total	1024.7	12.4
Total Flux	8274.8	100.0

POLAR GRAPH

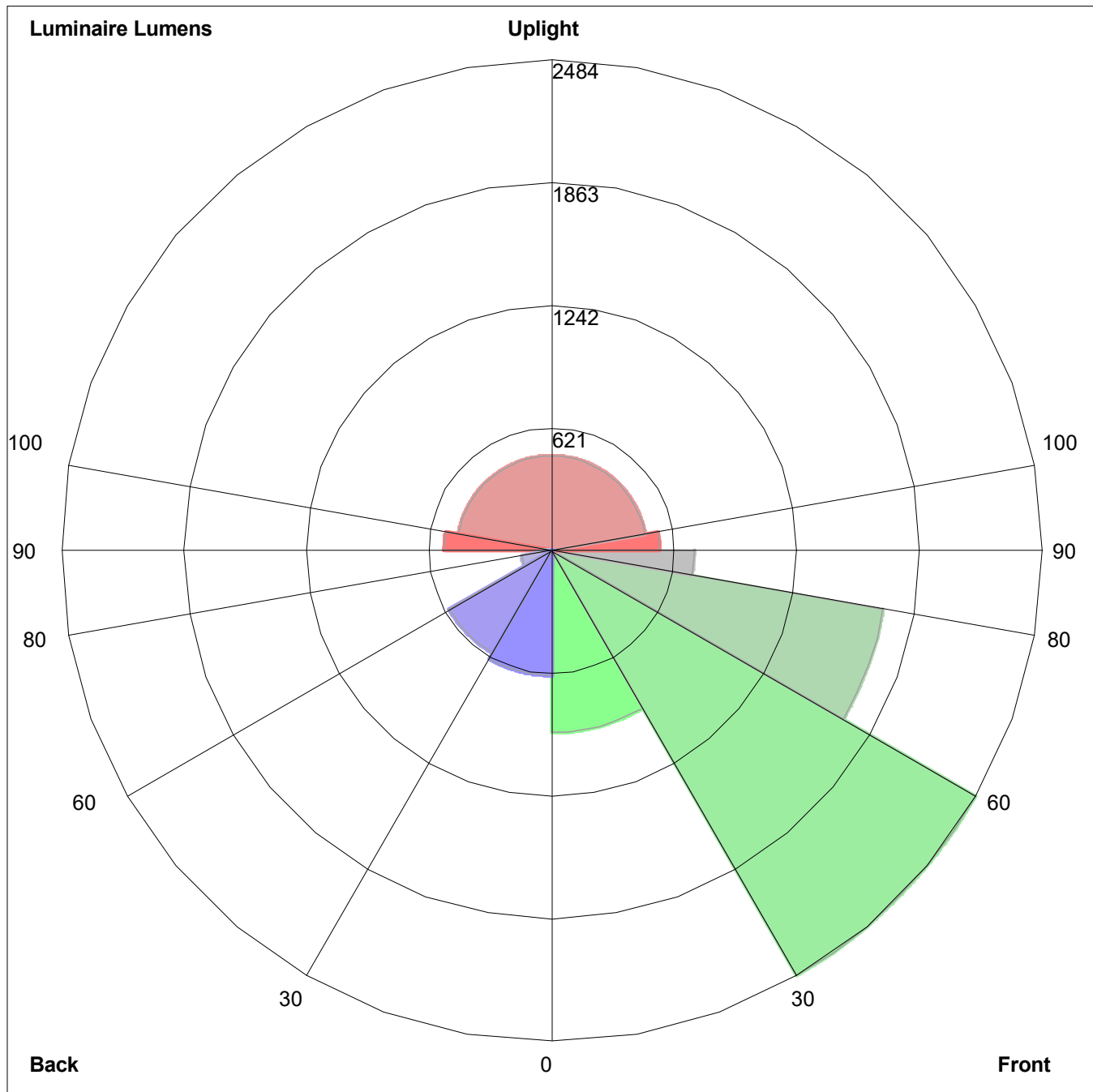


Maximum Candela = 3625.92 Located At Horizontal Angle = 360, Vertical Angle = 53
1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (53) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=921.5, Medium=2483.7, High=1706.8, Very High=721.2
Back: Low=631.6, Medium=598.0, High=155.2, Very High=32.2
Uplight: Low=544.2, High=480.5

BUG Rating : B2-U4-G4