



IES ROAD REPORT

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

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] R2DG200807055-10
[TESTLAB] BACL
[TESTDATE] 2020-08-03
[ISSUEDATE] 2020-10-21 16:41:20
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[MANUFAC] LumenFocus, LLC.
[LUMINAIRE] EPN v2 HI F UV TBG 740
[LAMPCAT] EPN v2 HI F UV TBG 740
[LAMP] N/A

CHARACTERISTICS

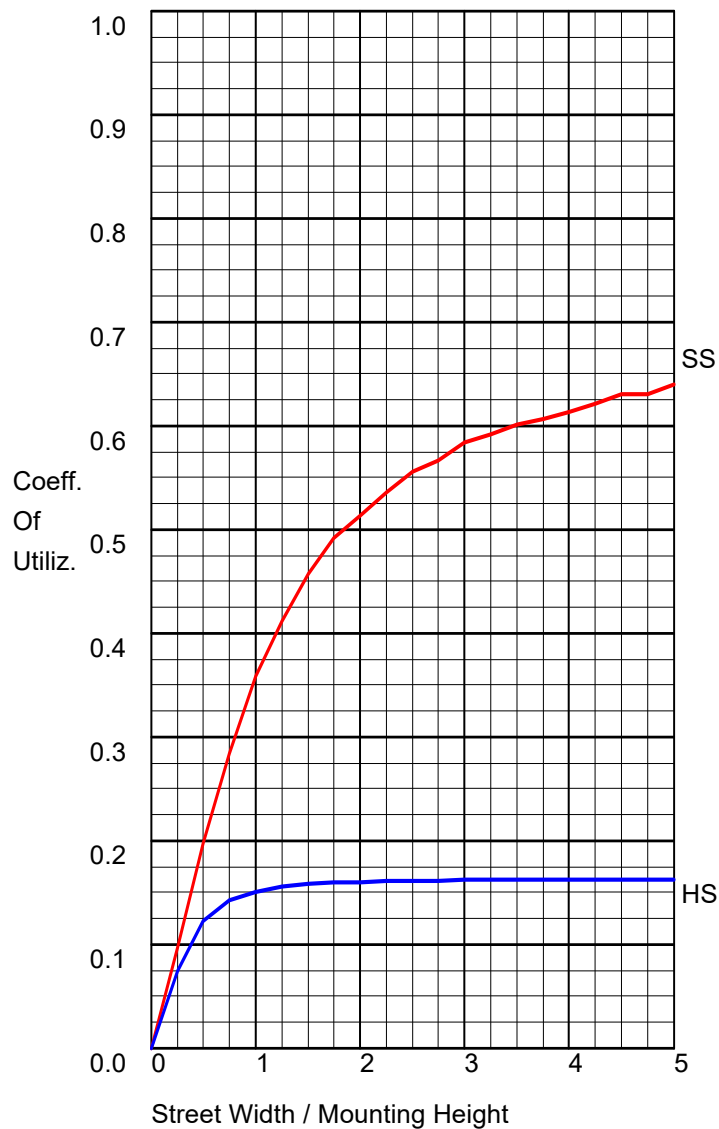
IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	12186
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	147
Total Luminaire Watts	83.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.12
Maximum Candela	5065.6
Maximum Candela Angle	360H 37V
Maximum Candela (<90 Degrees Vertical)	5065.6
Maximum Candela Angle (<90 Degrees Vertical)	360H 37V
Maximum Candela At 90 Degrees Vertical	3257.37 (26.7% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3917.61 (32.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1387.2	N.A.	11.4
FM - Front-Medium (30-60)	3670.8	N.A.	30.1
FH - Front-High (60-80)	2587.4	N.A.	21.2
FVH - Front-Very High (80-90)	1044.5	N.A.	8.6
BL - Back-Low (0-30)	897.4	N.A.	7.4
BM - Back-Medium (30-60)	842.8	N.A.	6.9
BH - Back-High (60-80)	214.5	N.A.	1.8
BVH - Back-Very High (80-90)	44.6	N.A.	0.4
UL - Uplight-Low (90-100)	775.7	N.A.	6.4
UH - Uplight-High (100-180)	720.6	N.A.	5.9
Total	12185.5	N.A.	100.0
BUG Rating	B2-U4-G5		

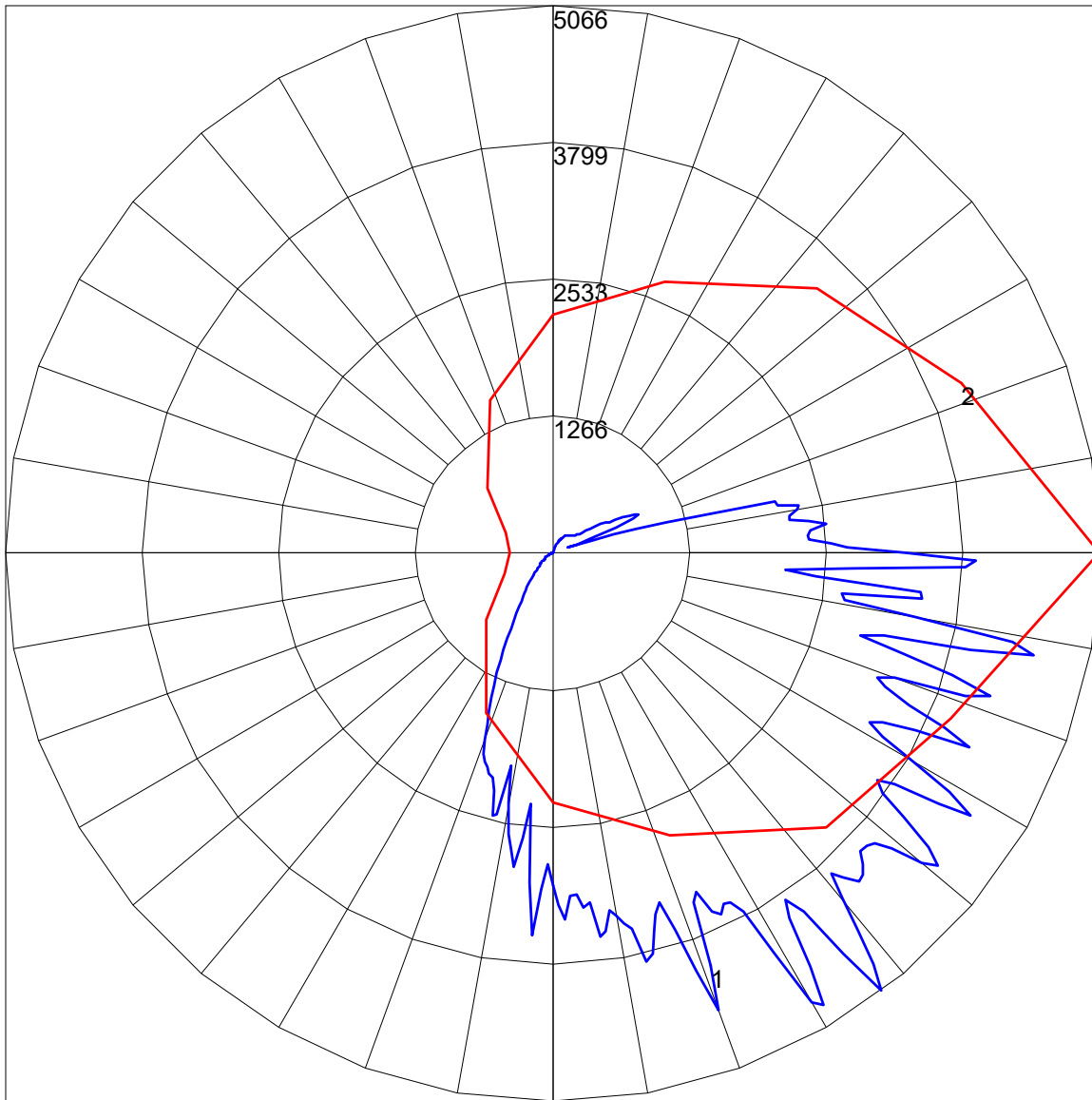
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

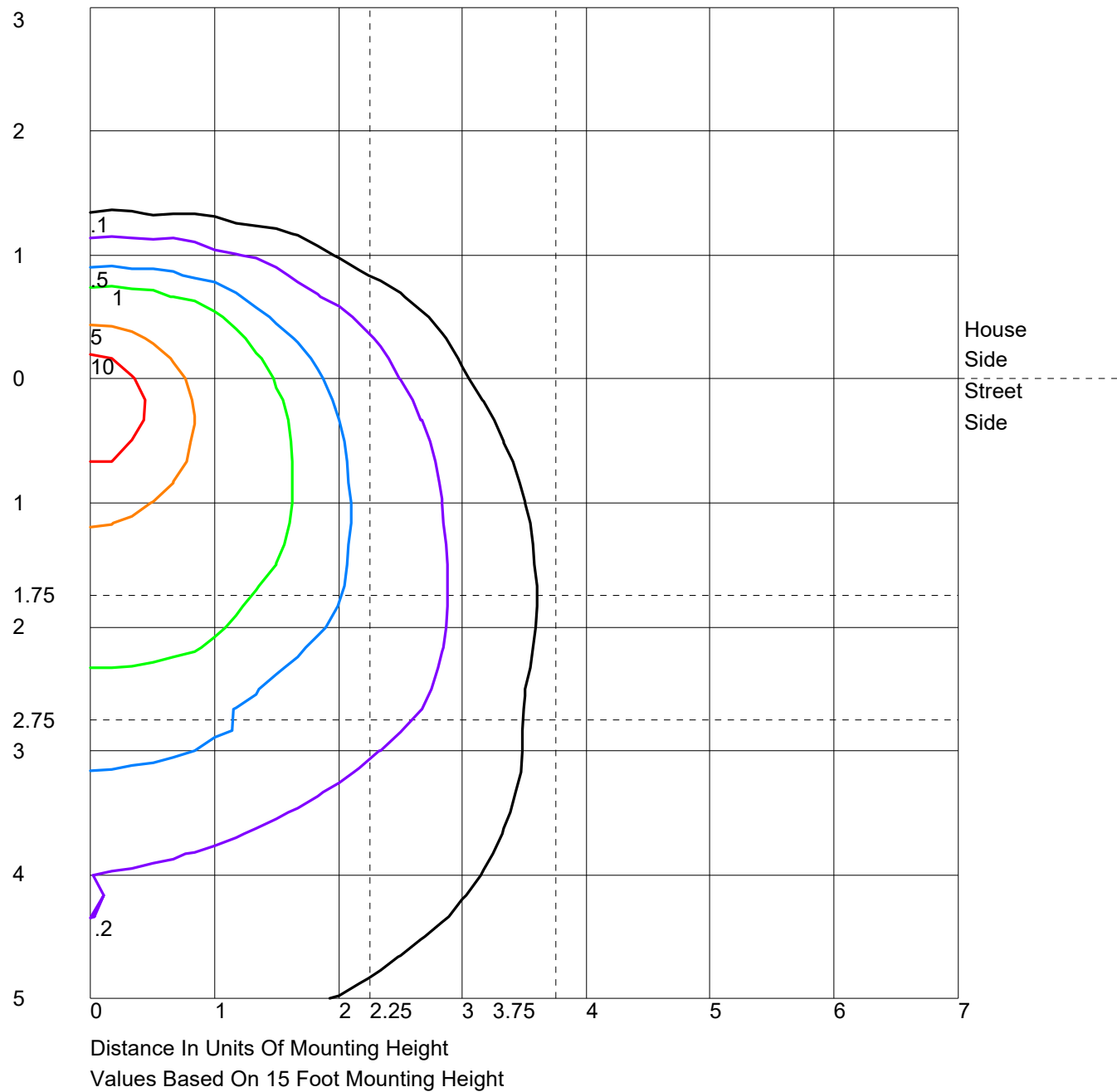
	Lumens	Percent Of Luminaire
Downward Street Side	8689.9	71.3
Downward House Side	1999.4	16.4
Downward Total	10689.3	87.7
Upward Street Side	1421.9	11.7
Upward House Side	74.3	0.6
Upward Total	1496.2	12.3
Total Flux	12185.5	100.0

POLAR GRAPH

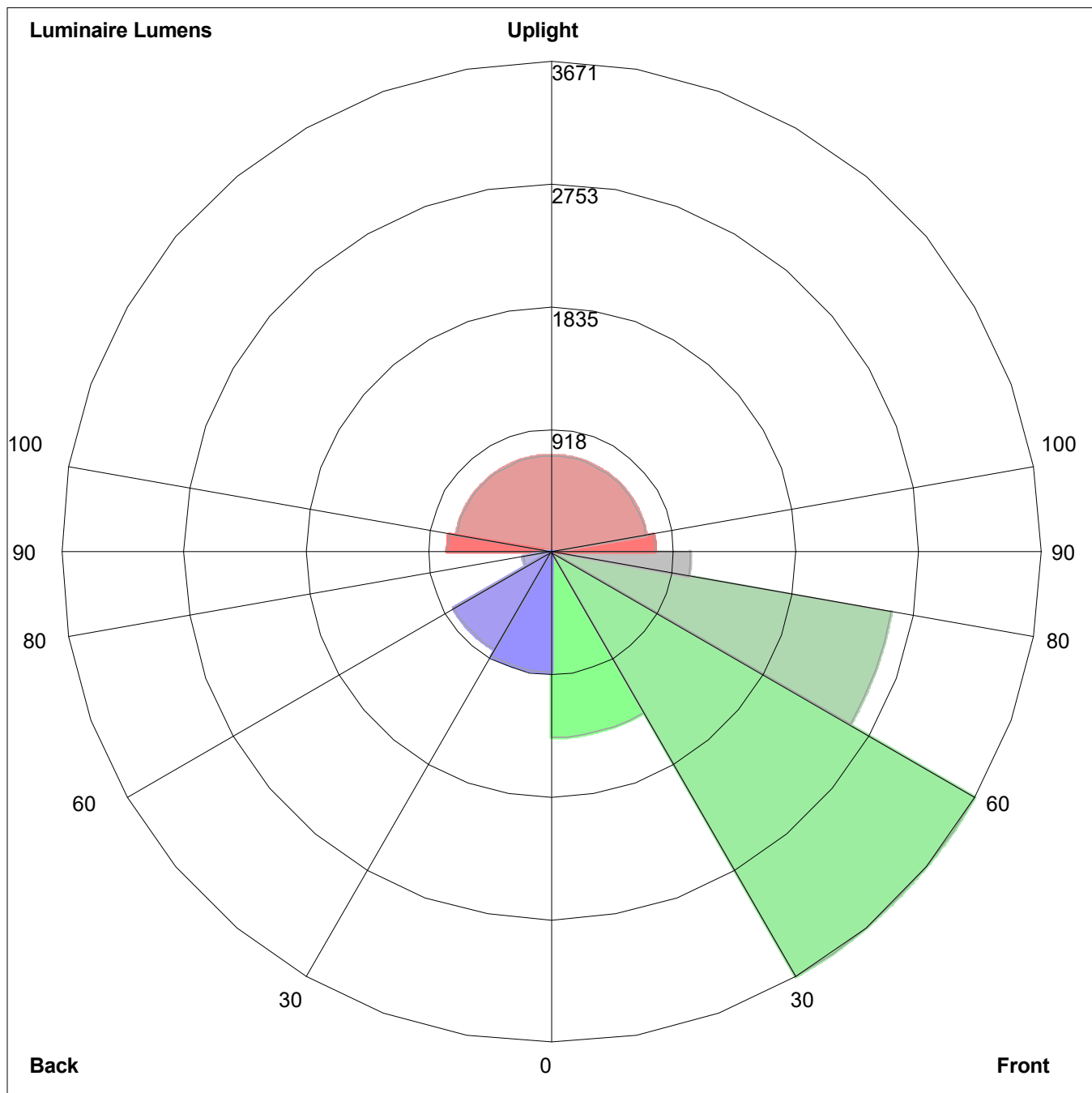


Maximum Candela = 5065.6 Located At Horizontal Angle = 360, Vertical Angle = 37
1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (37) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1387.2, Medium=3670.8, High=2587.4, Very High=1044.5
Back: Low=897.4, Medium=842.8, High=214.5, Very High=44.6
Uplight: Low=775.7, High=720.6

BUG Rating : B2-U4-G5