

IES ROAD REPORT

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

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] R2DG200807056-10
[TESTLAB] BACL
[TESTDATE] 2020-08-03
[ISSUEDATE] 2020-10-21 16:46:52
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[MANUFAC] LumenFocus, LLC.
[LUMINAIRE] EPN v2 VH F UV TBG 740
[LUMCAT] EPN v2 VH F UV TBG 740
[LAMP] N/A

CHARACTERISTICS

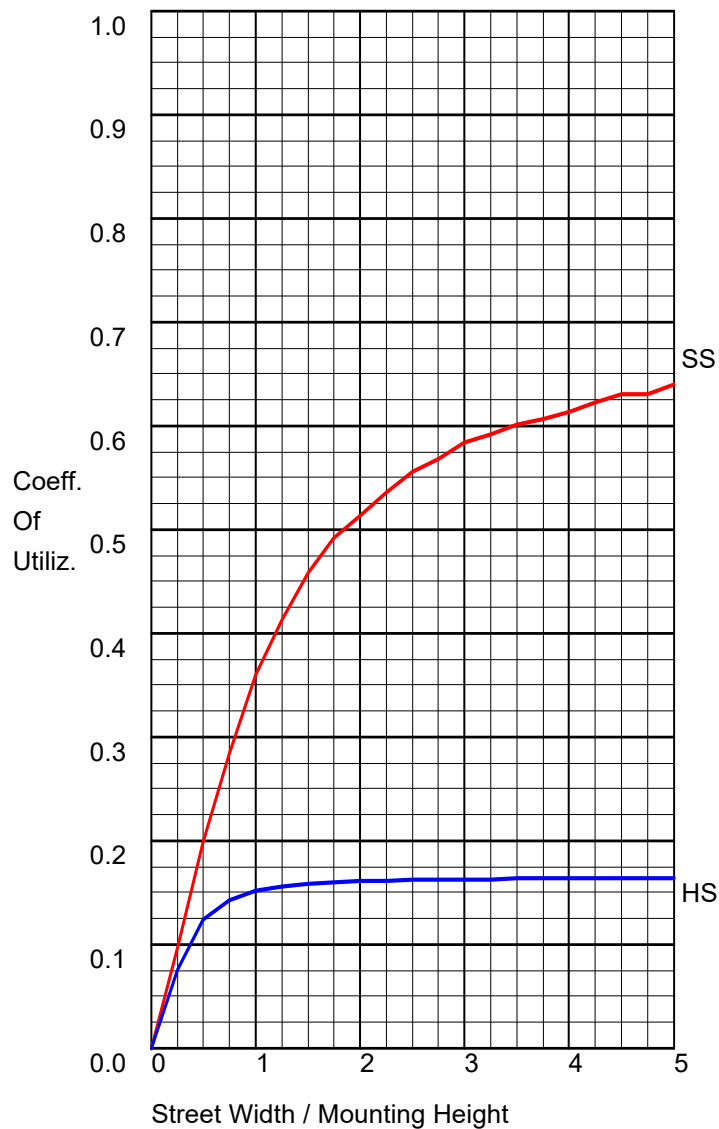
IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	15552
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	110.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.12
Maximum Candela	6104.45
Maximum Candela Angle	360H 38V
Maximum Candela (<90 Degrees Vertical)	6104.45
Maximum Candela Angle (<90 Degrees Vertical)	360H 38V
Maximum Candela At 90 Degrees Vertical	4455.98 (28.7% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4974.75 (32.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1770.6	N.A.	11.4
FM - Front-Medium (30-60)	4674.1	N.A.	30.1
FH - Front-High (60-80)	3298.9	N.A.	21.2
FVH - Front-Very High (80-90)	1338.6	N.A.	8.6
BL - Back-Low (0-30)	1146.0	N.A.	7.4
BM - Back-Medium (30-60)	1092.2	N.A.	7.0
BH - Back-High (60-80)	271.3	N.A.	1.7
BVH - Back-Very High (80-90)	55.6	N.A.	0.4
UL - Uplight-Low (90-100)	1008.4	N.A.	6.5
UH - Uplight-High (100-180)	896.2	N.A.	5.8
Total	15551.9	N.A.	100.0
BUG Rating	B3-U5-G5		

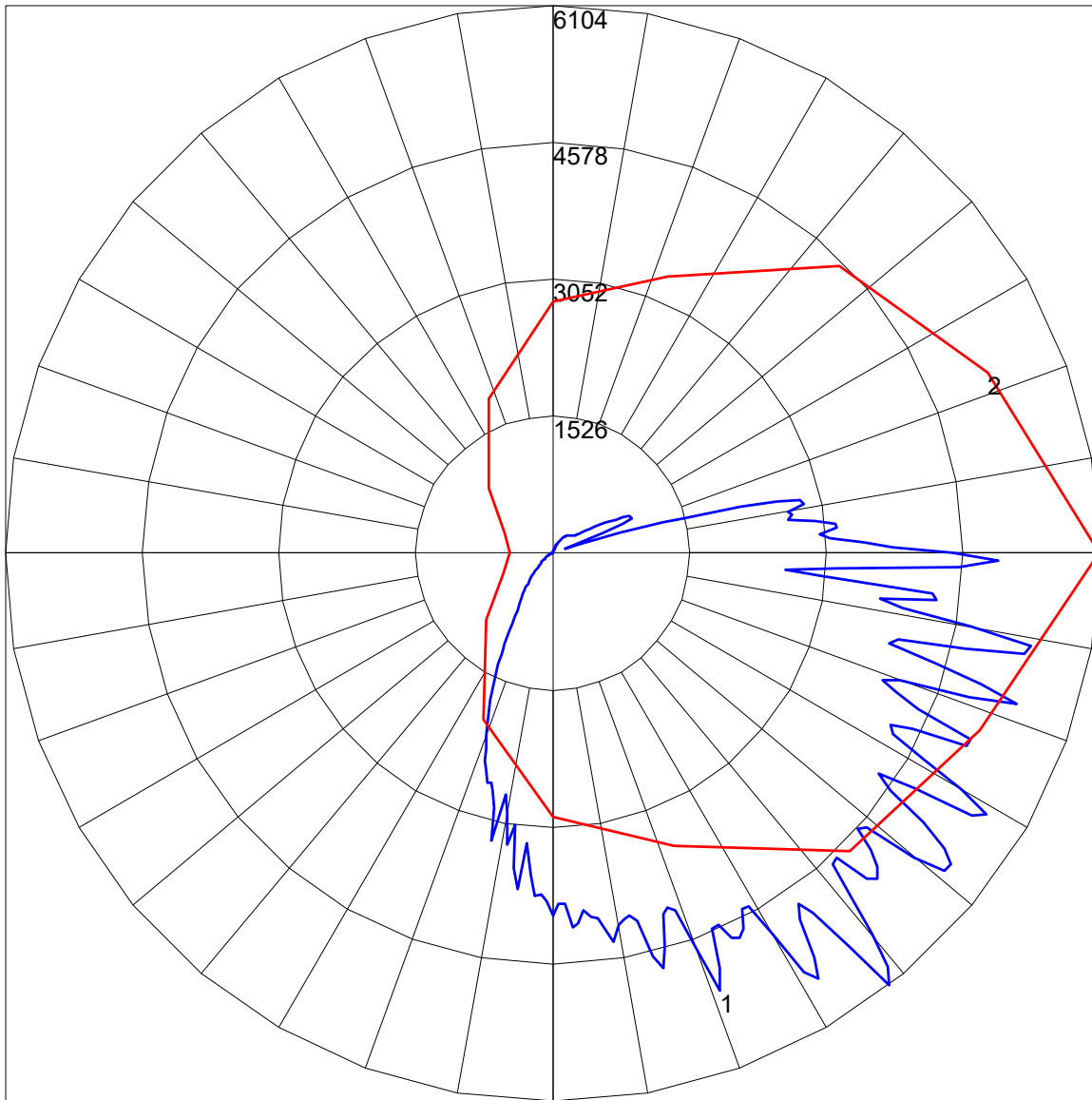
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

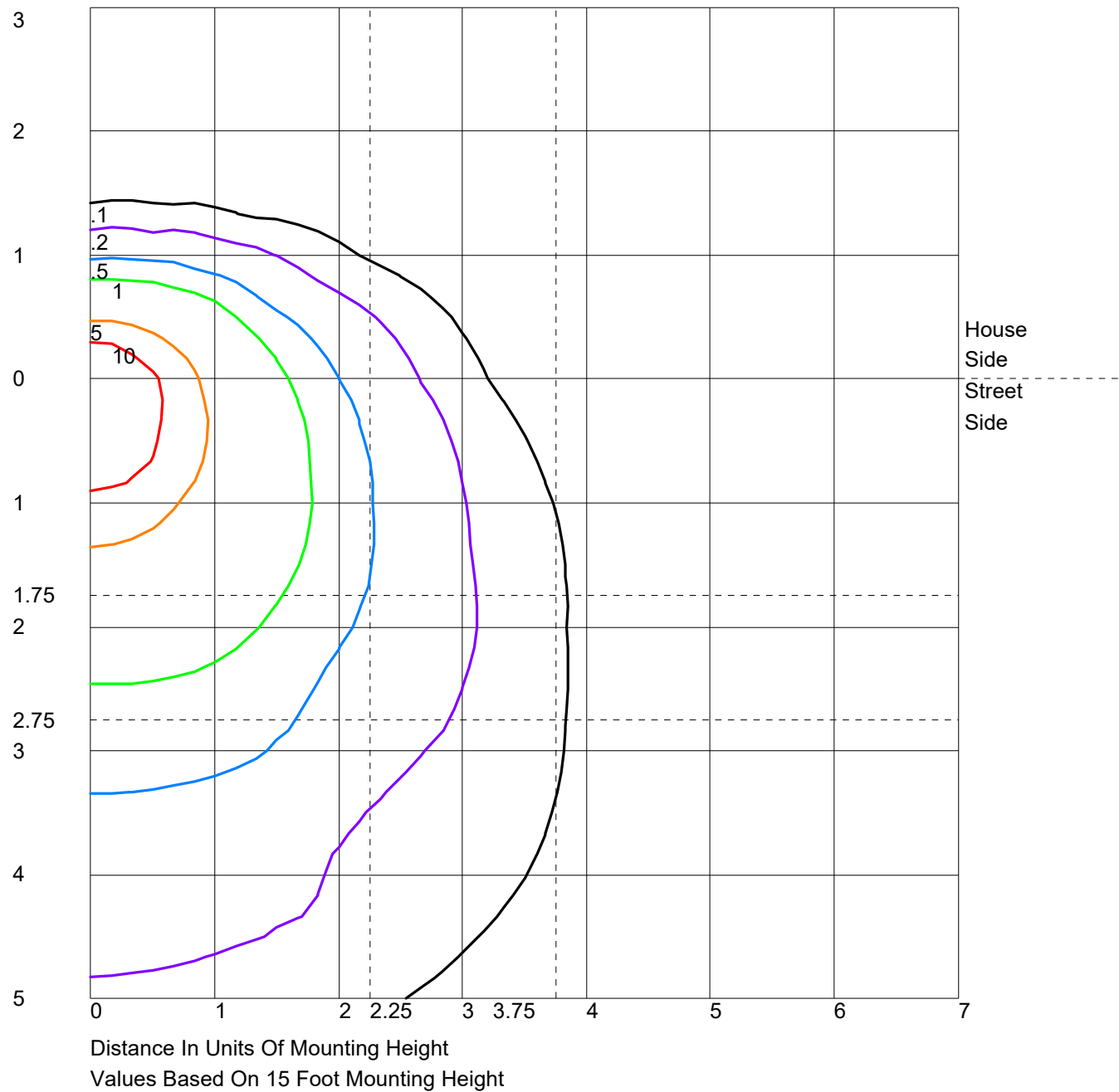
	Lumens	Percent Of Luminaire
Downward Street Side	11082.3	71.3
Downward House Side	2565.0	16.5
Downward Total	13647.3	87.8
Upward Street Side	1810.4	11.6
Upward House Side	94.2	0.6
Upward Total	1904.6	12.2
Total Flux	15551.9	100.0

POLAR GRAPH

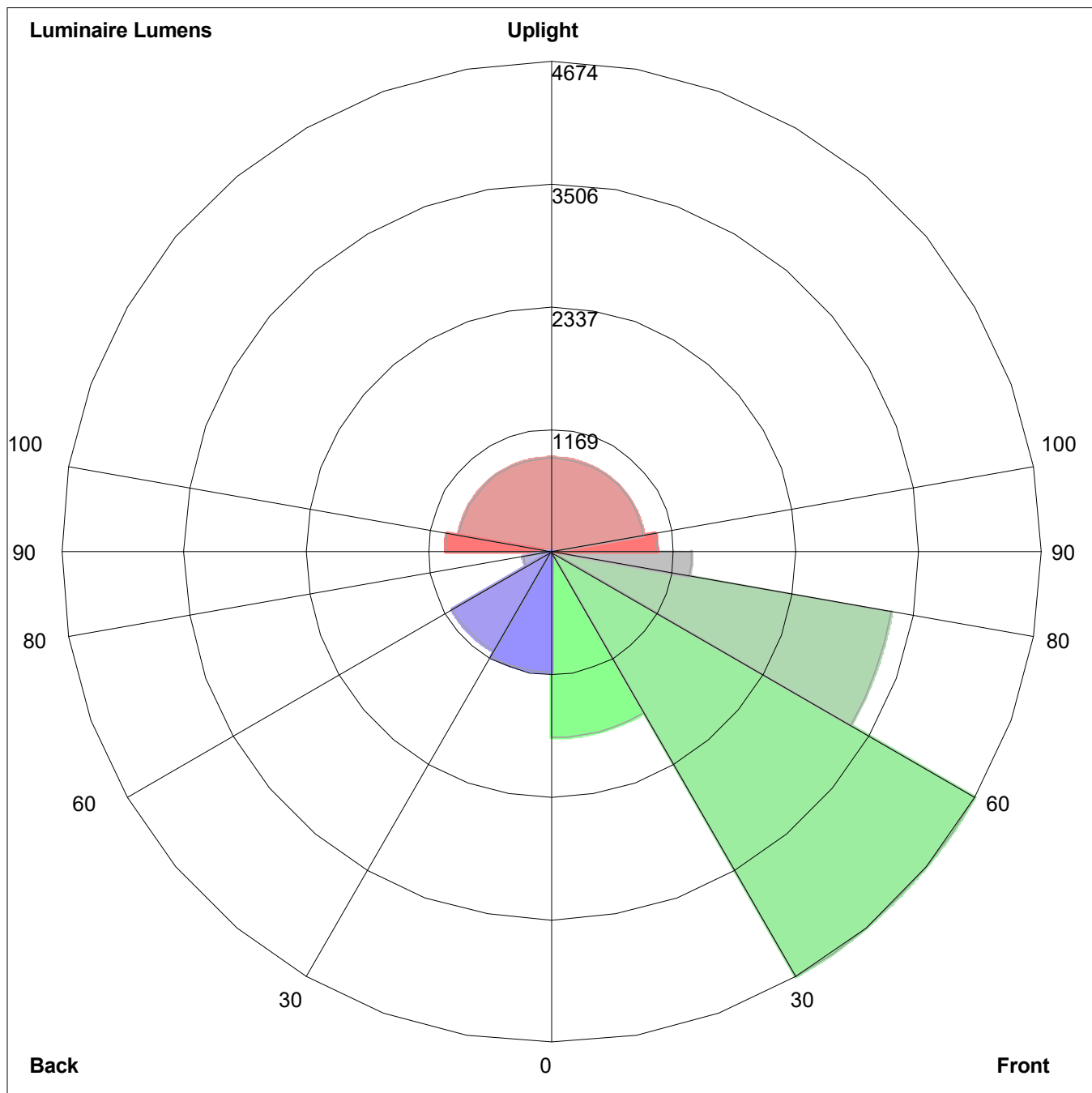


Maximum Candela = 6104.45 Located At Horizontal Angle = 360, Vertical Angle = 38
1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (38) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1770.6, Medium=4674.1, High=3298.9, Very High=1338.6
Back: Low= 1146.0, Medium=1092.2, High=271.3, Very High=55.6
Uplight: Low=1008.4, High=896.2

BUG Rating : B3-U5-G5