

## IES ROAD REPORT

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

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] R2DG200807054-10  
[TESTLAB] BACL  
[TESTDATE] 2020-08-03  
[ISSUEDATE] 2020-10-21 16:37:48  
[LAMPPOSITION] 0,0  
[OTHER] EVERFINE GO-R5000\_V2 SYSTEM  
[MANUFAC] LumenFocus, LLC.  
[LUMINAIRE] EPN v2 MD F UV TBG 740  
[LAMPCAT] EPN v2 MD F UV TBG 740  
[LAMP] N/A

### CHARACTERISTICS

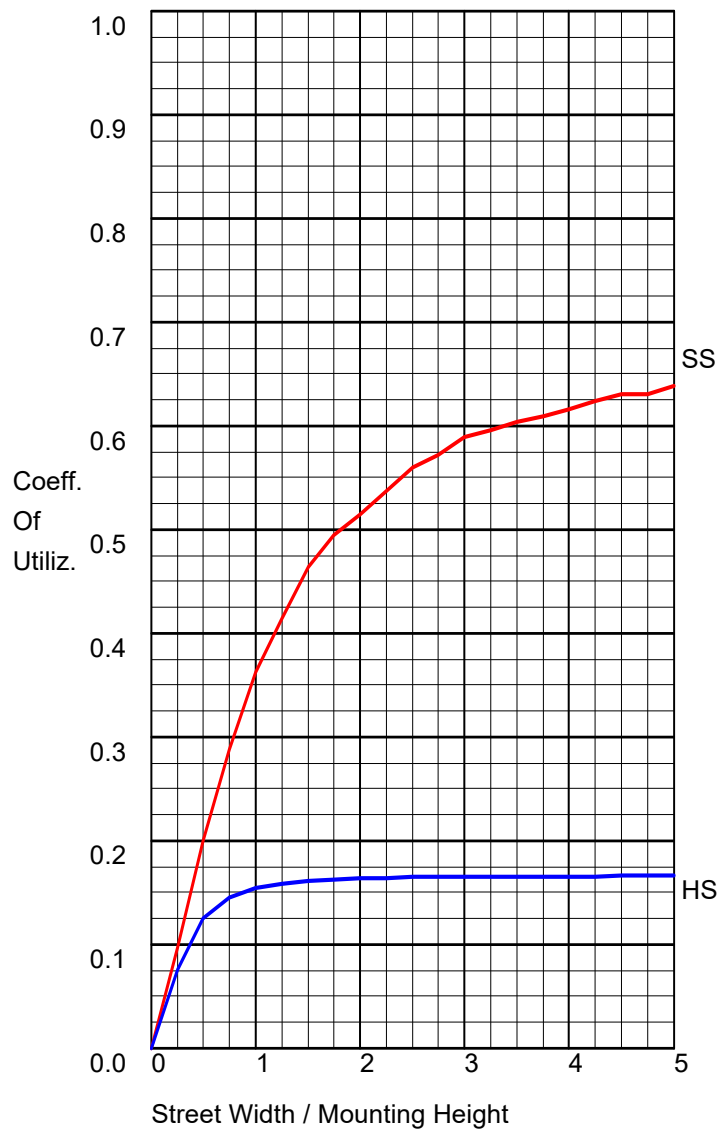
IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	9972
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	146
Total Luminaire Watts	68.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.12
Maximum Candela	4609.72
Maximum Candela Angle	360H 54V
Maximum Candela (<90 Degrees Vertical)	4609.72
Maximum Candela Angle (<90 Degrees Vertical)	360H 54V
Maximum Candela At 90 Degrees Vertical	2113.99 (21.2% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3723.11 (37.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1154.1	N.A.	11.6
FM - Front-Medium (30-60)	3028.7	N.A.	30.4
FH - Front-High (60-80)	2060.4	N.A.	20.7
FVH - Front-Very High (80-90)	882.5	N.A.	8.8
BL - Back-Low (0-30)	752.2	N.A.	7.5
BM - Back-Medium (30-60)	702.7	N.A.	7.0
BH - Back-High (60-80)	176.8	N.A.	1.8
BVH - Back-Very High (80-90)	36.6	N.A.	0.4
UL - Uplight-Low (90-100)	628.0	N.A.	6.3
UH - Uplight-High (100-180)	549.9	N.A.	5.5
Total	9971.9	N.A.	100.0
BUG Rating	B2-U4-G5		

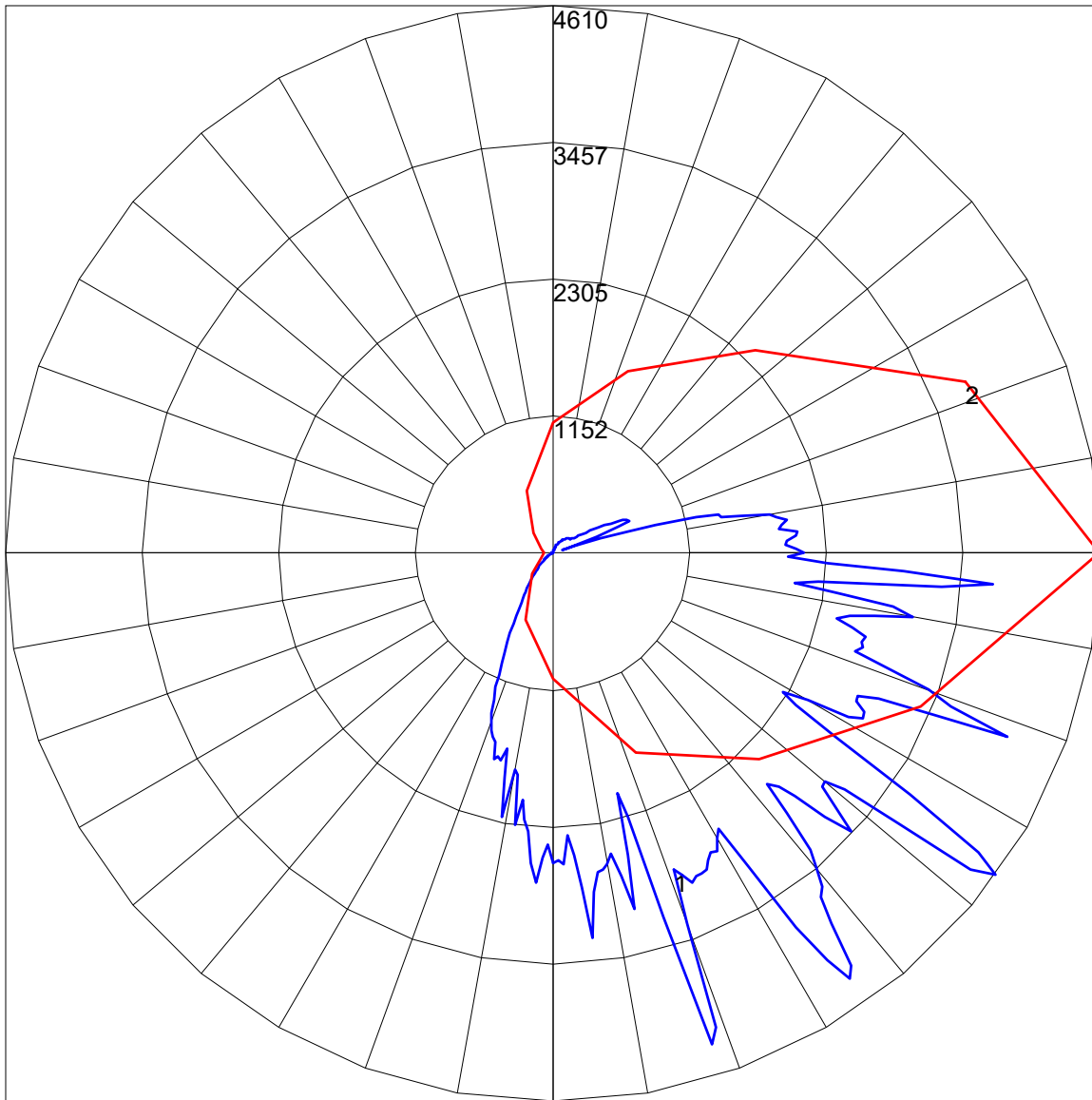
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

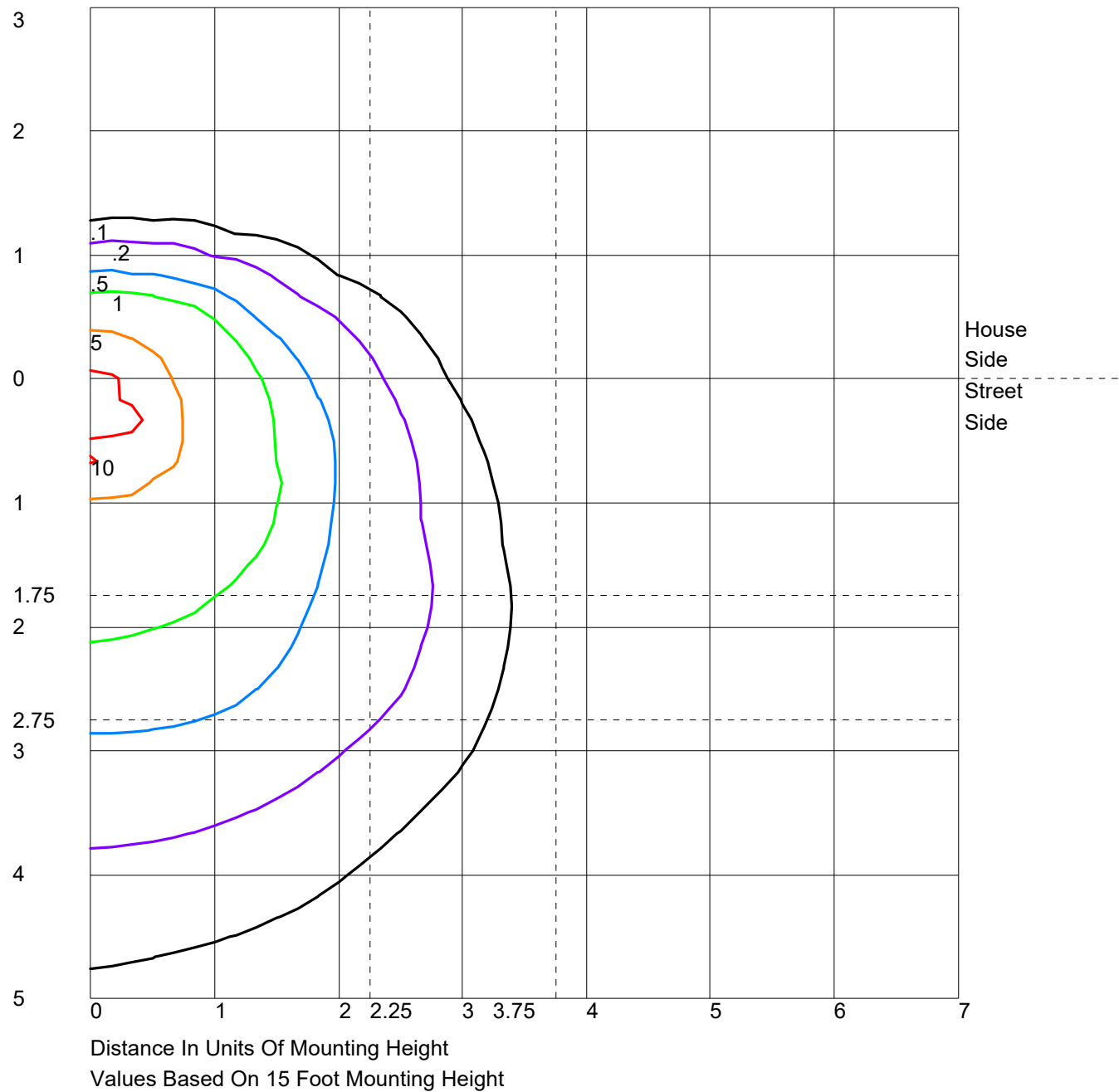
	Lumens	Percent Of Luminaire
Downward Street Side	7125.7	71.5
Downward House Side	1668.3	16.7
Downward Total	8794.0	88.2
Upward Street Side	1116.3	11.2
Upward House Side	61.6	0.6
Upward Total	1177.9	11.8
Total Flux	9971.9	100.0

POLAR GRAPH

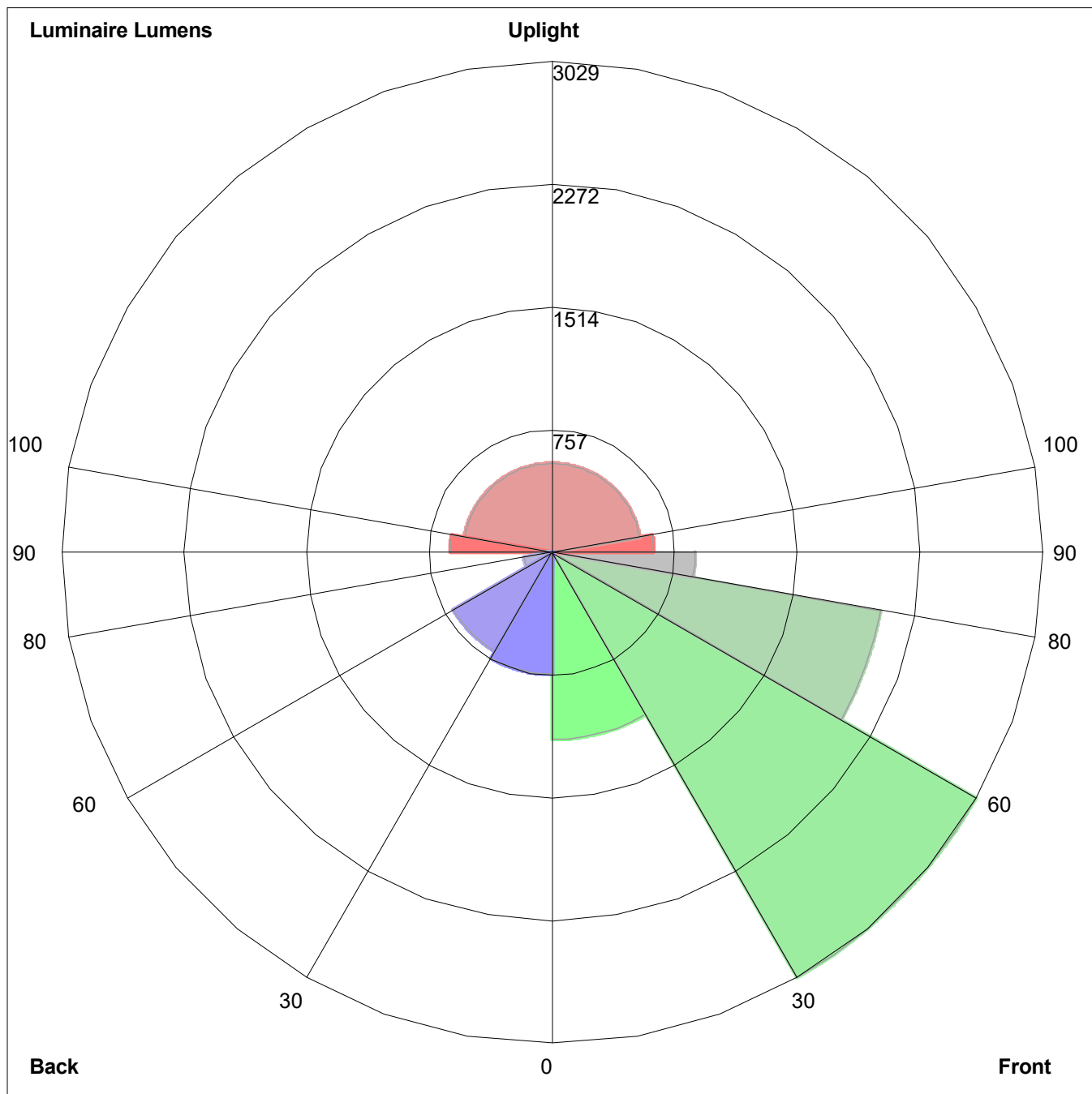


Maximum Candela = 4609.72 Located At Horizontal Angle = 360, Vertical Angle = 54  
# 1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (54) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1154.1, Medium=3028.7, High=2060.4, Very High=882.5  
Back: Low=752.2, Medium=702.7, High=176.8, Very High=36.6  
Uplight: Low=628.0, High=549.9

BUG Rating : B2-U4-G5