



## IES ROAD REPORT

PHOTOMETRIC FILENAME : EPN V2 HI F UV TBG 750.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] P2DG200730062-10  
[TESTLAB] BACL  
[TESTDATE] 2020-08-03  
[ISSUEDATE] 2020-08-14 14:27:18  
[LAMPPOSITION] 0,0  
[OTHER] EVERFINE GO-R5000\_V2 SYSTEM  
[MANUFAC] LumenFocus, LLC.  
[LUMINAIRE] EPN v2 HI F UV TBG 750  
[LUMCAT] EPN v2 HI F UV TBG 750  
[LAMP] N/A

### CHARACTERISTICS

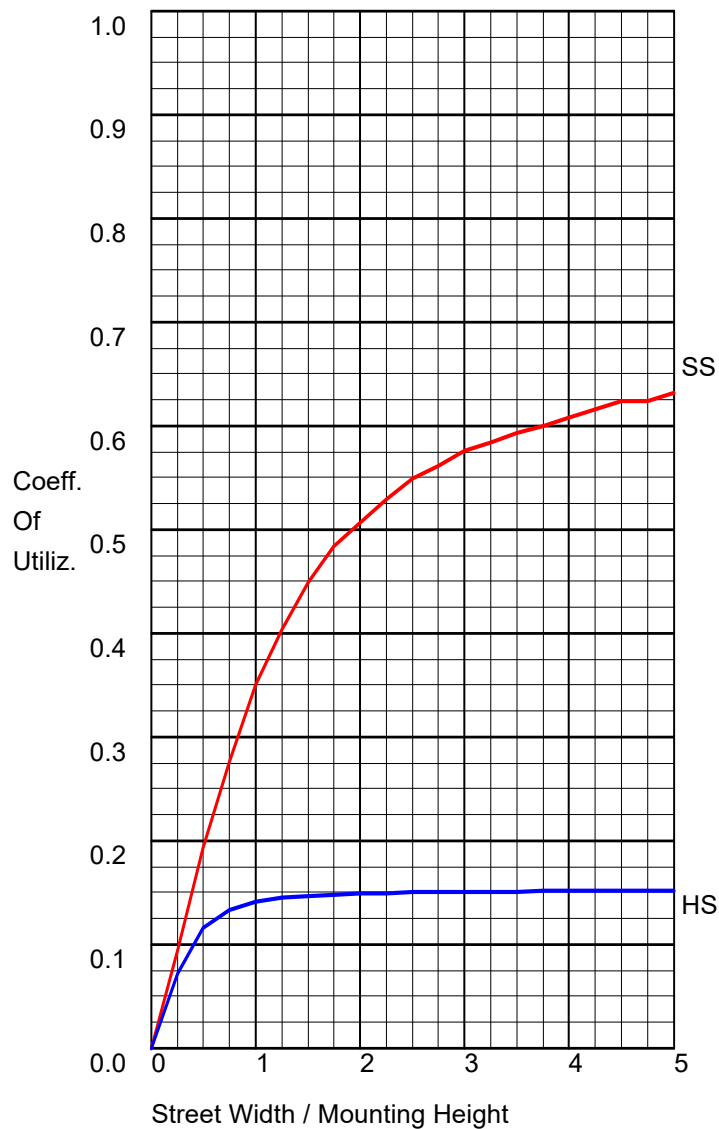
IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	12224
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	148
Total Luminaire Watts	82.8
Ballast Factor	1.00
Upward Waste Light Ratio	0.14
Maximum Candela	4864.38
Maximum Candela Angle	360H 39V
Maximum Candela (<90 Degrees Vertical)	4864.38
Maximum Candela Angle (<90 Degrees Vertical)	360H 39V
Maximum Candela At 90 Degrees Vertical	3239.35 (26.5% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4668.55 (38.2% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1357.4	N.A.	11.1
FM - Front-Medium (30-60)	3617.5	N.A.	29.6
FH - Front-High (60-80)	2580.0	N.A.	21.1
FVH - Front-Very High (80-90)	1106.7	N.A.	9.1
BL - Back-Low (0-30)	842.3	N.A.	6.9
BM - Back-Medium (30-60)	776.1	N.A.	6.3
BH - Back-High (60-80)	206.3	N.A.	1.7
BVH - Back-Very High (80-90)	45.1	N.A.	0.4
UL - Uplight-Low (90-100)	878.7	N.A.	7.2
UH - Uplight-High (100-180)	813.6	N.A.	6.7
Total	12223.7	N.A.	100.0
BUG Rating	B2-U4-G5		

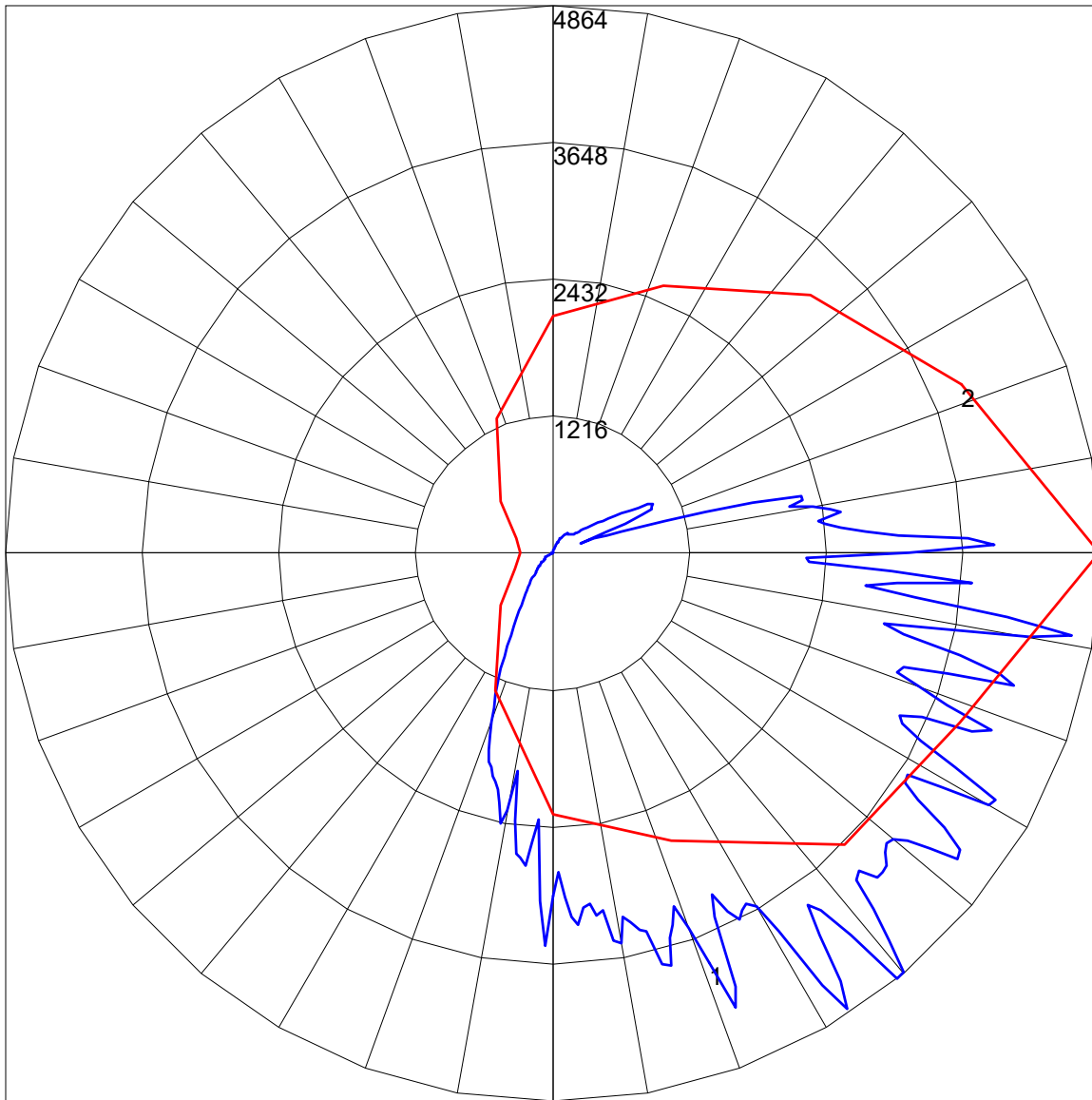
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

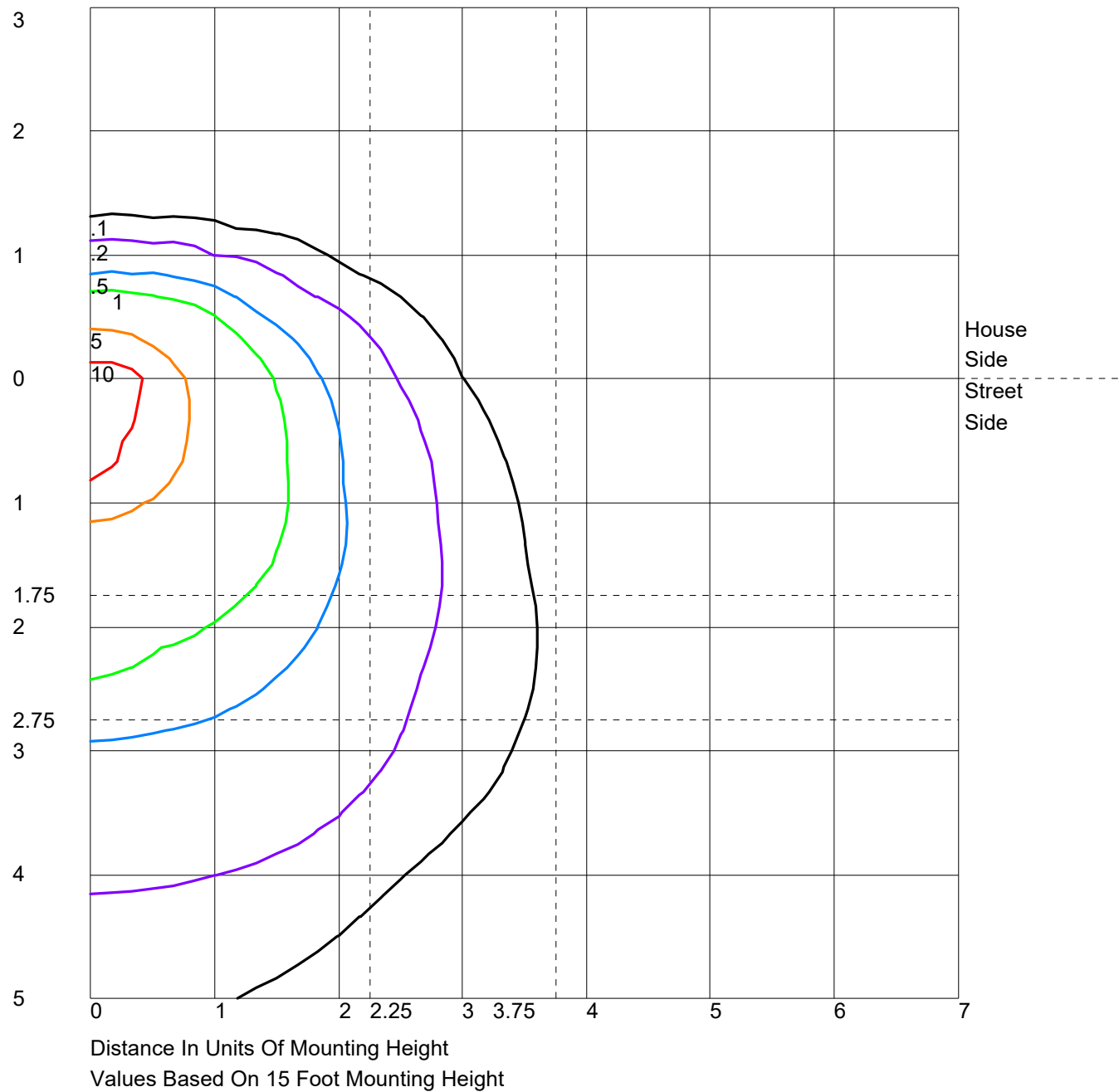
	Lumens	Percent Of Luminaire
Downward Street Side	8661.5	70.9
Downward House Side	1869.7	15.3
Downward Total	10531.2	86.2
Upward Street Side	1613.8	13.2
Upward House Side	78.5	0.6
Upward Total	1692.3	13.8
Total Flux	12223.5	100.0

POLAR GRAPH

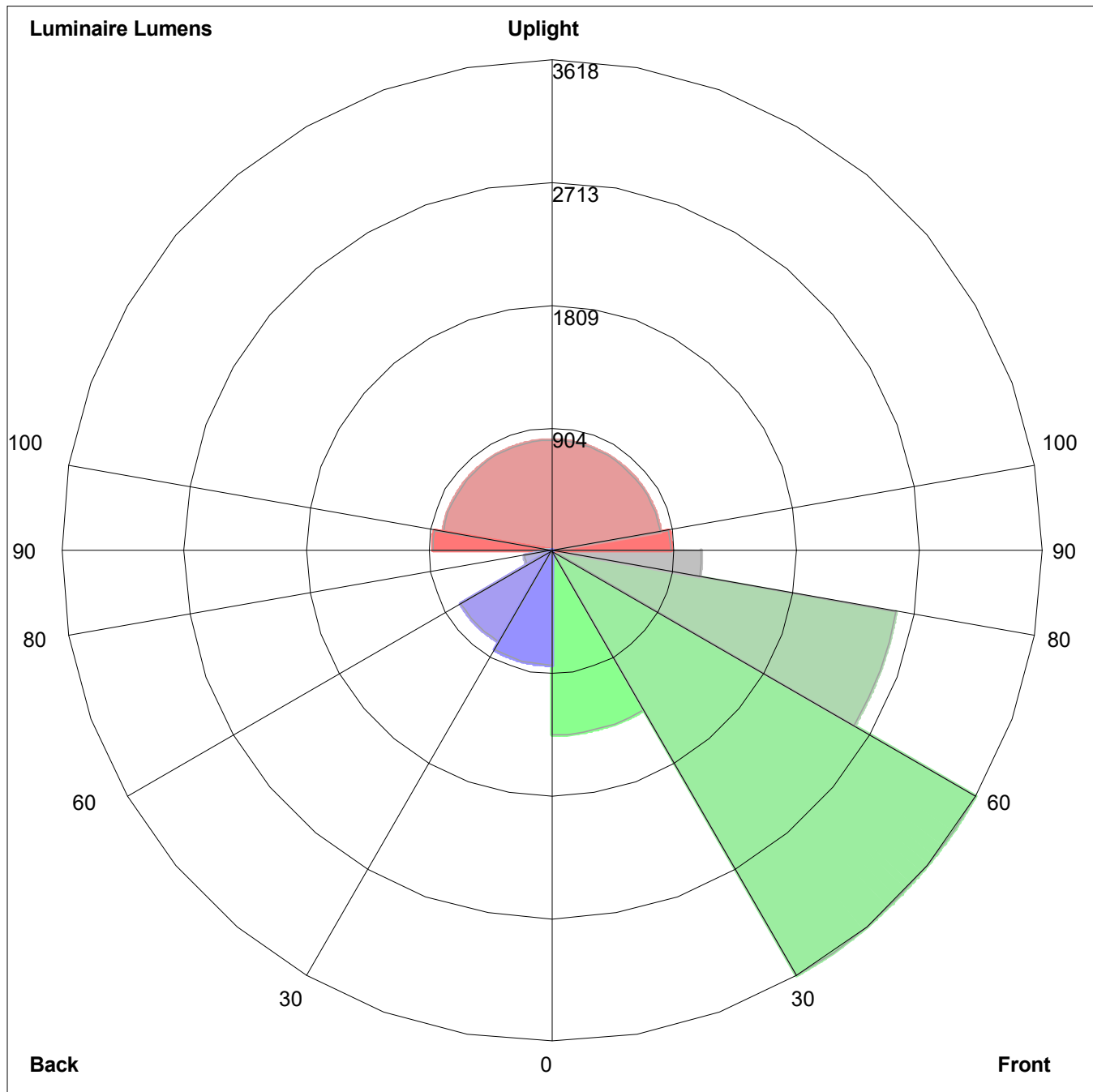


Maximum Candela = 4864.38 Located At Horizontal Angle = 360, Vertical Angle = 39  
# 1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (39) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1357.4, Medium=3617.5, High= 2580.0, Very High=1106.7  
Back: Low=842.3, Medium=776.1, High=206.3, Very High=45.1  
Uplight: Low=878.7, High=813.6

BUG Rating : B2-U4-G5