



IES ROAD REPORT
PHOTOMETRIC FILENAME : AX-55-27-5-D.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 12500748.01
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 9/18/2018
[MANUFAC] Express Imaging Systems LLC dba Evluma
[LUMCAT] AX-55-27-5-D (Scaled from AX-55-50-5-D)
[LUMINAIRE] Gray metal housing, white plastic reflector and dome glass
[MORE] lens
[LAMP] One (1) white LED with optic below
[BALLAST] Internal
[OTHER] This test was performed using the calibrated photodetector met
[MORE] hod of absolute photometry.

CHARACTERISTICS

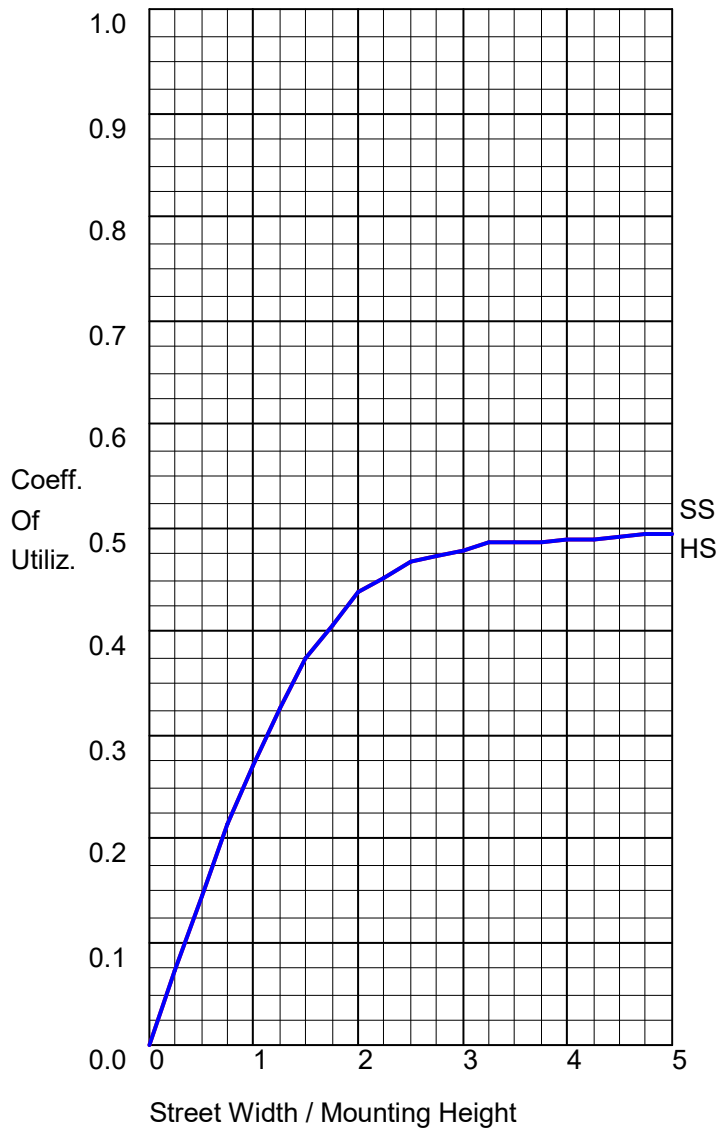
IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6548
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	119
Total Luminaire Watts	55
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	2310.849
Maximum Candela Angle	0H 60V
Maximum Candela (<90 Degrees Vertical)	2310.849
Maximum Candela Angle (<90 Degrees Vertical)	0H 60V
Maximum Candela At 90 Degrees Vertical	32.4 (0.5% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	172.287 (2.6% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	285.0	N.A.	4.4
FM - Front-Medium (30-60)	1668.6	N.A.	25.5
FH - Front-High (60-80)	1262.9	N.A.	19.3
FVH - Front-Very High (80-90)	45.7	N.A.	0.7
BL - Back-Low (0-30)	285.0	N.A.	4.4
BM - Back-Medium (30-60)	1668.6	N.A.	25.5
BH - Back-High (60-80)	1262.9	N.A.	19.3
BVH - Back-Very High (80-90)	45.7	N.A.	0.7
UL - Uplight-Low (90-100)	17.4	N.A.	0.3
UH - Uplight-High (100-180)	5.7	N.A.	0.1
Total	6547.5	N.A.	100.0
BUG Rating	B3-U2-G1		

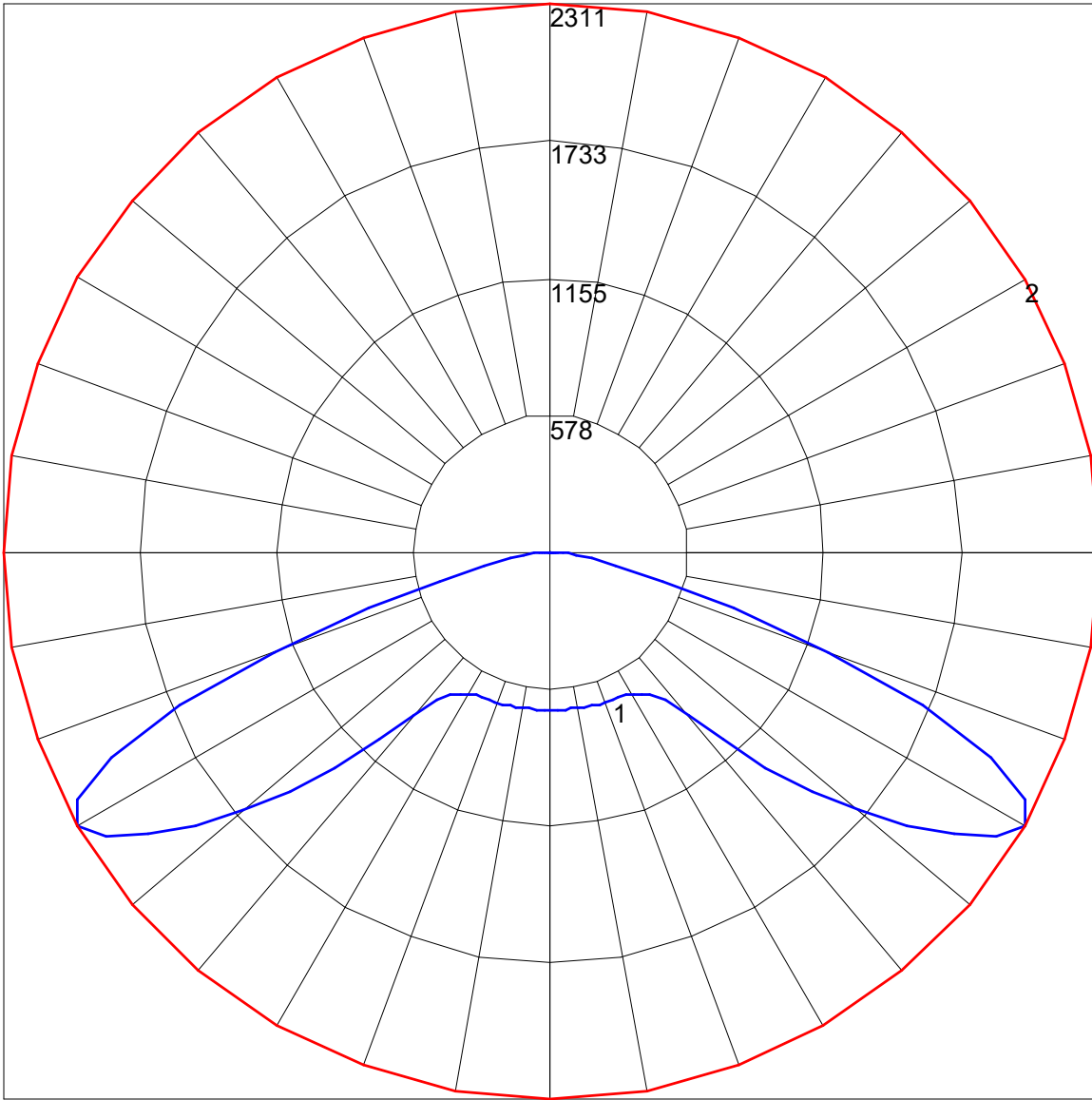
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

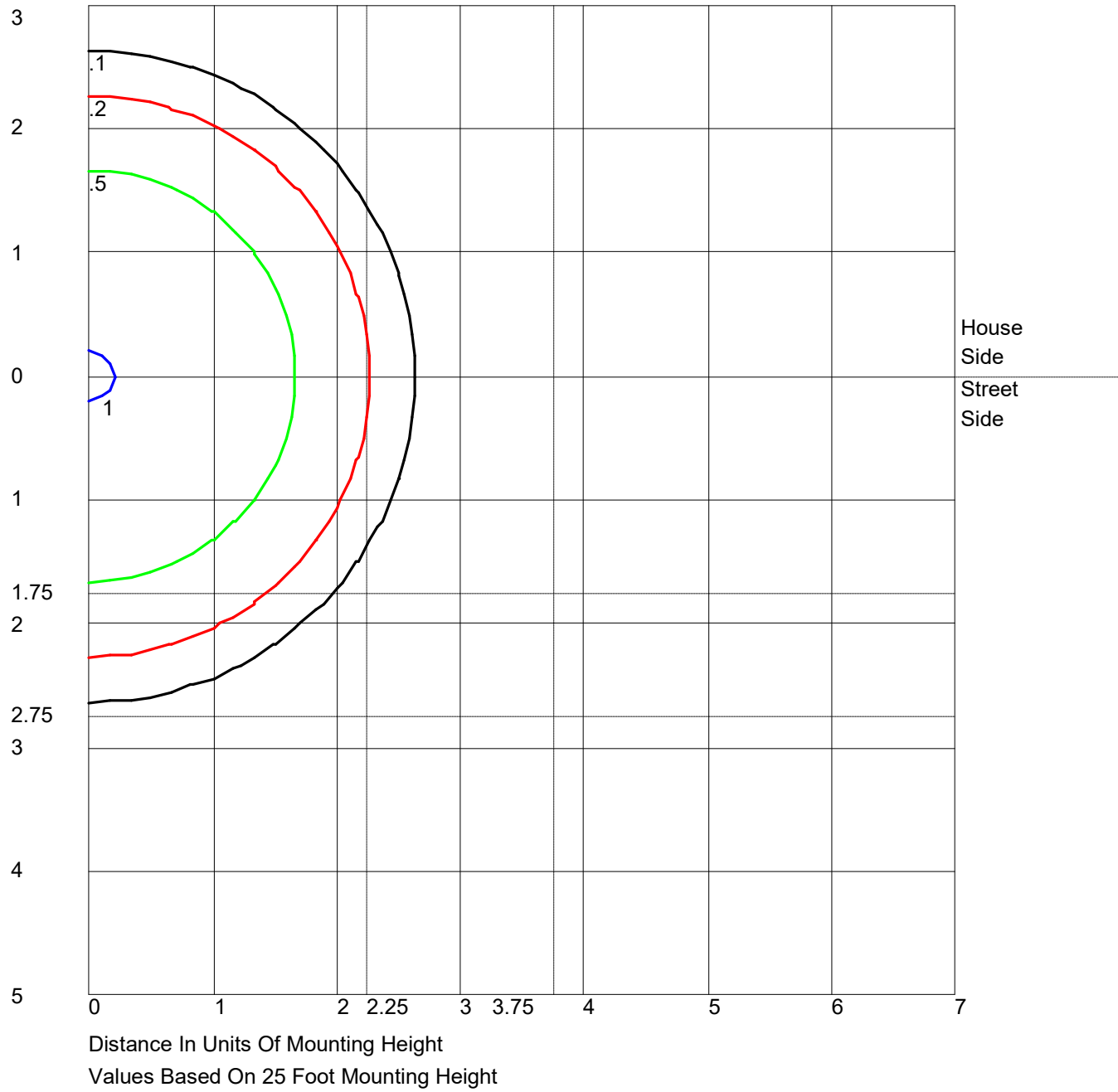
	Lumens	Percent Of Luminaire
Downward Street Side	3262.3	49.8
Downward House Side	3262.3	49.8
Downward Total	6524.6	99.6
Upward Street Side	11.6	0.2
Upward House Side	11.6	0.2
Upward Total	23.2	0.4
Total Flux	6547.8	100.0

POLAR GRAPH

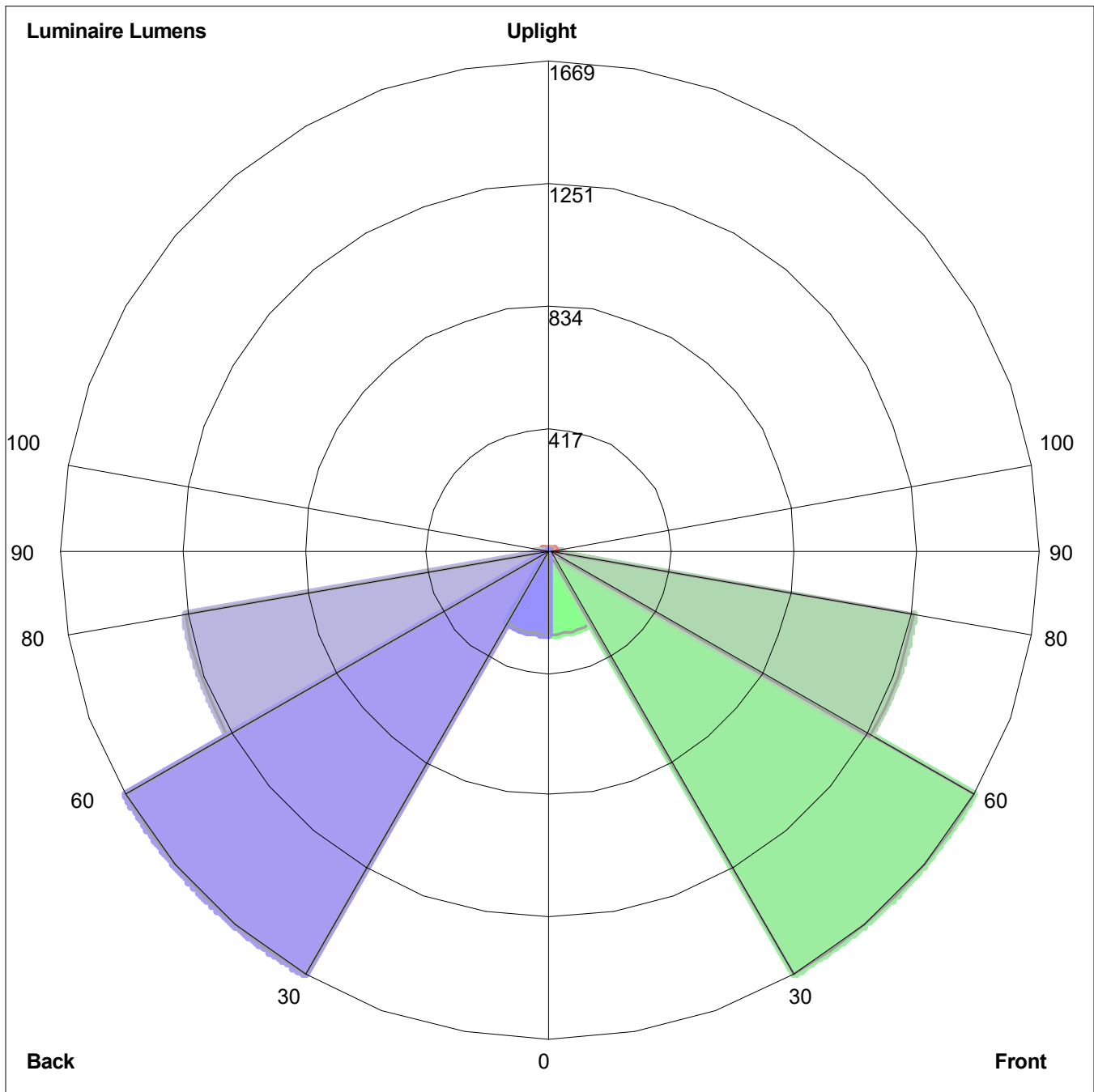


Maximum Candela = 2310.849 Located At Horizontal Angle = 0, Vertical Angle = 60
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (60) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=285.0, Medium=1668.6, High=1262.9, Very High=45.7
Back: Low=285.0, Medium=1668.6, High=1262.9, Very High=45.7
Uplight: Low=17.4, High=5.7

BUG Rating : B3-U2-G1