



IES ROAD REPORT
PHOTOMETRIC FILENAME : AX-55-30-5-D.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 12500748.01
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 9/18/2018
[MANUFAC] Express Imaging Systems LLC dba Evluma
[LUMCAT] AX-55-30-5-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

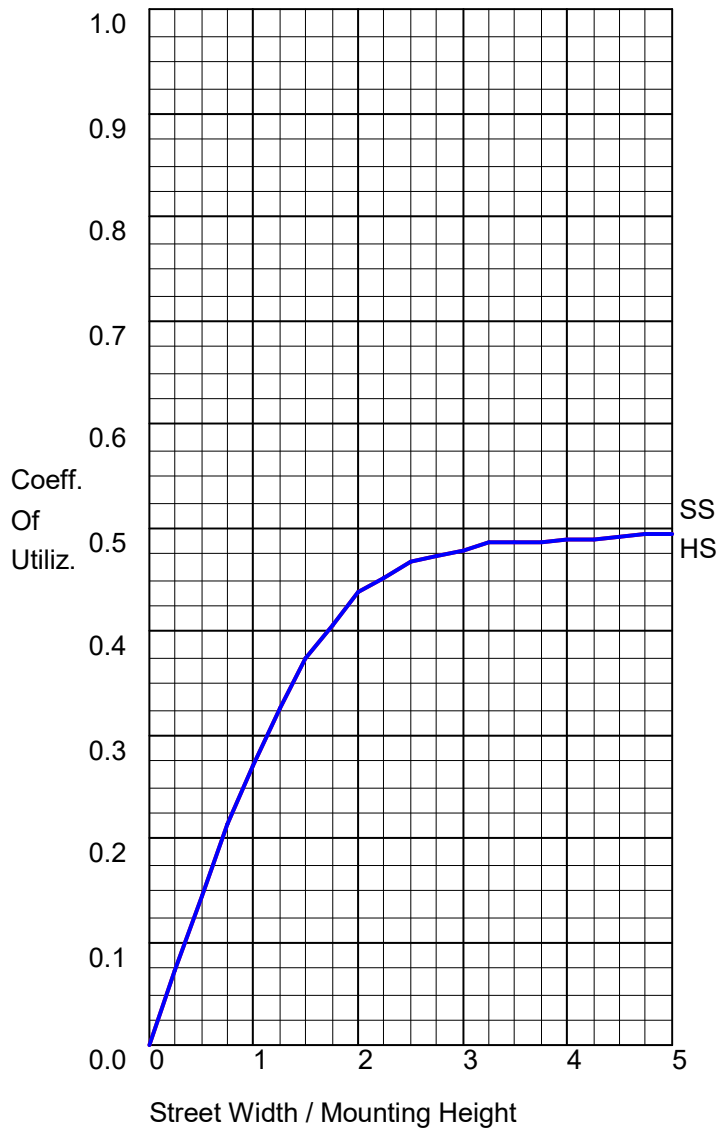
IES Classification	Type V
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7534
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	137
Total Luminaire Watts	55
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	2658.903
Maximum Candela Angle	0H 60V
Maximum Candela (<90 Degrees Vertical)	2658.903
Maximum Candela Angle (<90 Degrees Vertical)	0H 60V
Maximum Candela At 90 Degrees Vertical	37.28 (0.5% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	198.236 (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)	327.9	N.A.	4.4
FM - Front-Medium (30-60)	1920.0	N.A.	25.5
FH - Front-High (60-80)	1453.1	N.A.	19.3
FVH - Front-Very High (80-90)	52.6	N.A.	0.7
BL - Back-Low (0-30)	327.9	N.A.	4.4
BM - Back-Medium (30-60)	1920.0	N.A.	25.5
BH - Back-High (60-80)	1453.1	N.A.	19.3
BVH - Back-Very High (80-90)	52.6	N.A.	0.7
UL - Uplight-Low (90-100)	20.0	N.A.	0.3
UH - Uplight-High (100-180)	6.5	N.A.	0.1
Total	7533.7	N.A.	100.0
BUG Rating	B3-U2-G1		

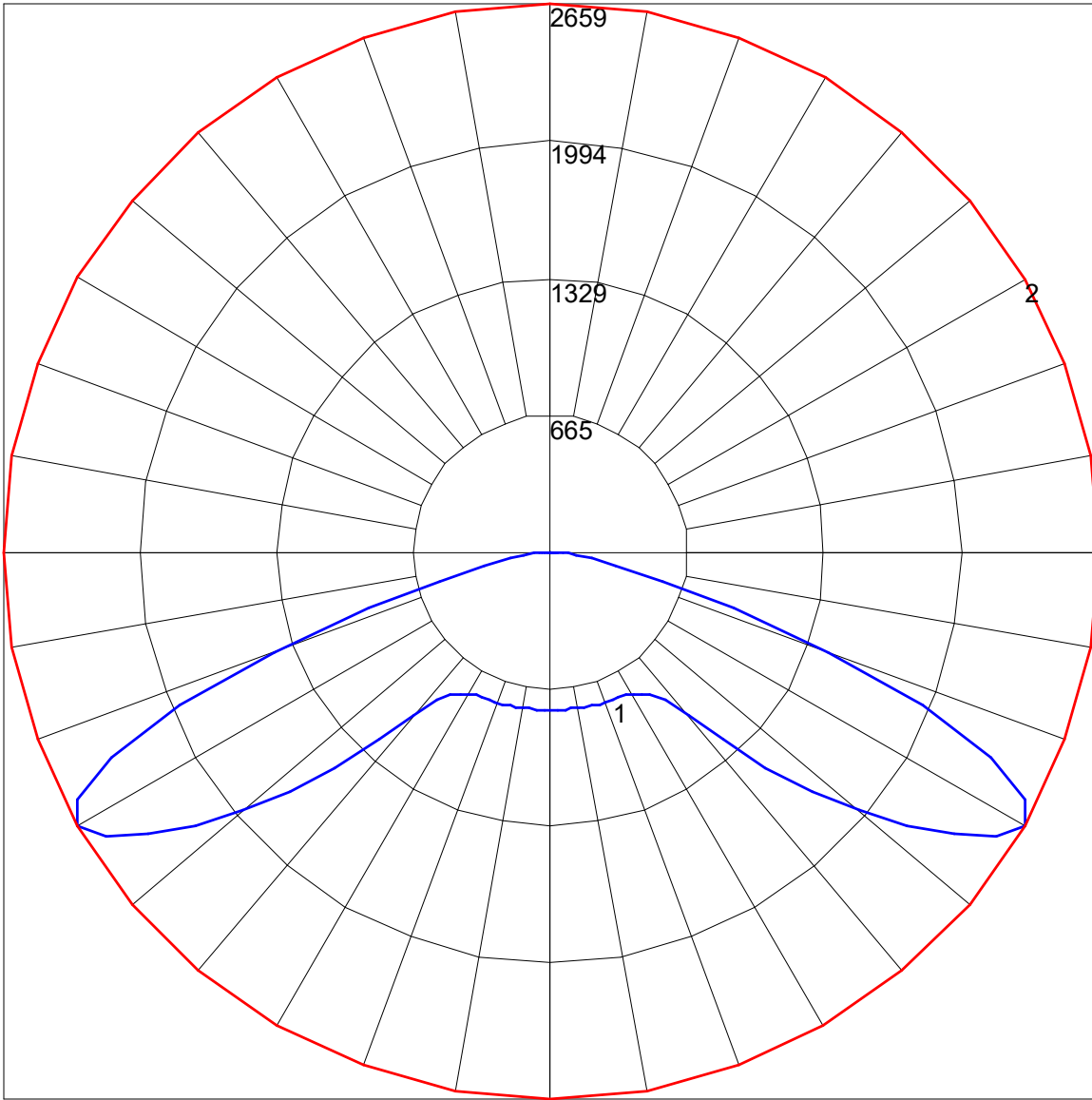
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

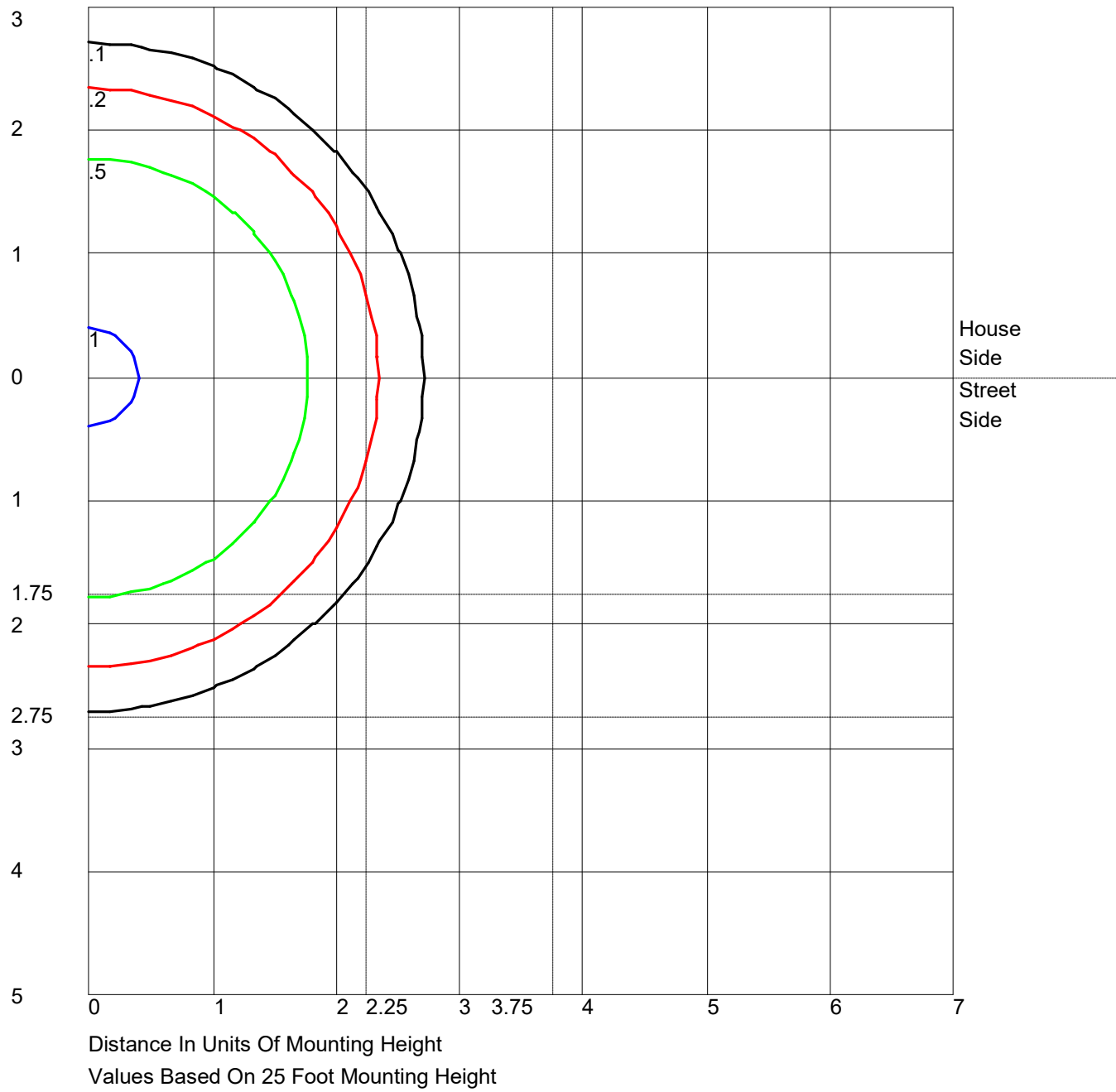
	Lumens	Percent Of Luminaire
Downward Street Side	3753.6	49.8
Downward House Side	3753.6	49.8
Downward Total	7507.2	99.6
Upward Street Side	13.3	0.2
Upward House Side	13.3	0.2
Upward Total	26.6	0.4
Total Flux	7533.8	100.0

POLAR GRAPH

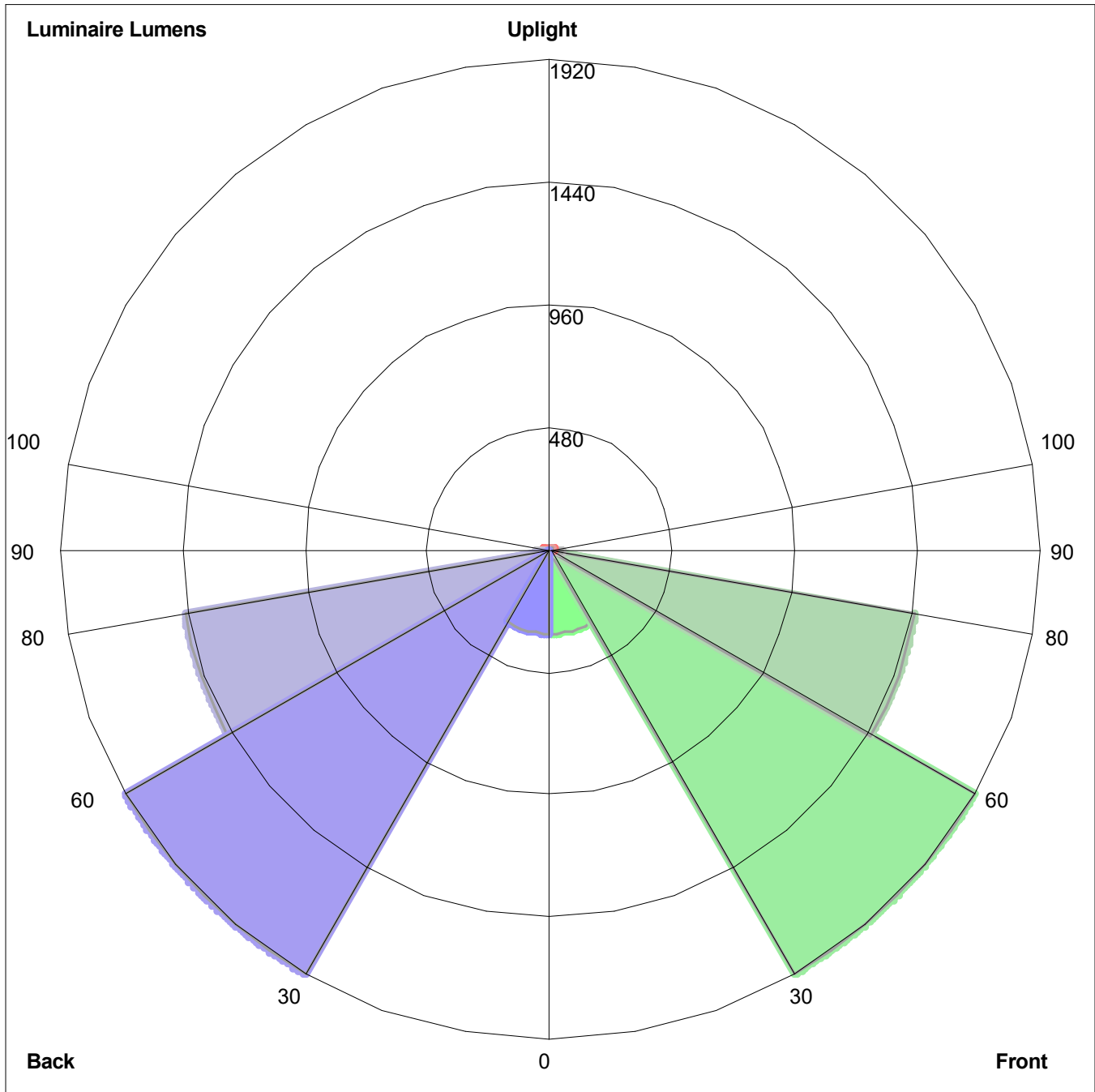


Maximum Candela = 2658.903 Located At Horizontal Angle = 0, Vertical Angle = 60
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (60) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=327.9, Medium= 1920.0, High=1453.1, Very High=52.6
Back: Low=327.9, Medium= 1920.0, High=1453.1, Very High=52.6
Uplight: Low=20.0, High=6.5

BUG Rating : B3-U2-G1