



IES ROAD REPORT
PHOTOMETRIC FILENAME : AX-30-50-3-D.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 12500748.06
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 9/18/2018
[MANUFAC] Express Imaging Systems LLC dba Evluma
[LUMCAT] AX-30-50-3-D (Scaled from AX-70-50-3-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

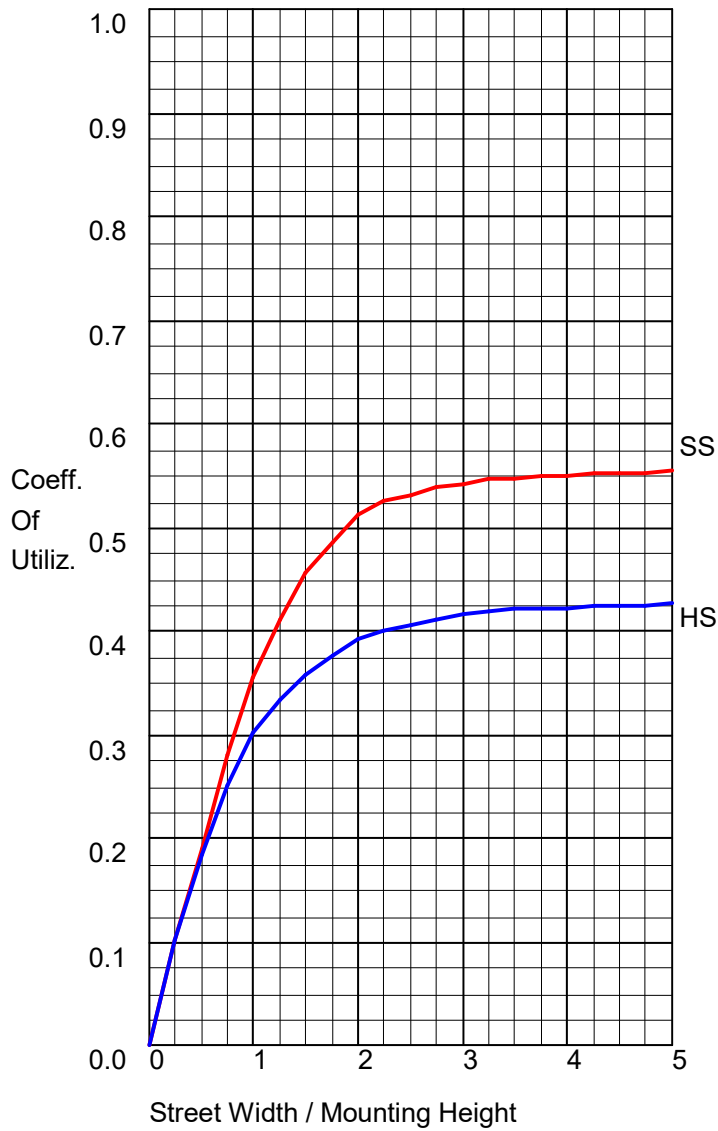
IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4673
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	156
Total Luminaire Watts	30
Ballast Factor	1.00
Upward Waste Light Ratio	0.01
Maximum Candela	1737.567
Maximum Candela Angle	62.5H 65V
Maximum Candela (<90 Degrees Vertical)	1737.567
Maximum Candela Angle (<90 Degrees Vertical)	62.5H 65V
Maximum Candela At 90 Degrees Vertical	143.129 (3.1% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	758.989 (16.2% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT
PHOTOMETRIC FILENAME : AX-30-50-3-D.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	385.1	N.A.	8.2
FM - Front-Medium (30-60)	1208.3	N.A.	25.9
FH - Front-High (60-80)	930.6	N.A.	19.9
FVH - Front-Very High (80-90)	98.8	N.A.	2.1
BL - Back-Low (0-30)	414.3	N.A.	8.9
BM - Back-Medium (30-60)	964.6	N.A.	20.6
BH - Back-High (60-80)	577.0	N.A.	12.3
BVH - Back-Very High (80-90)	66.9	N.A.	1.4
UL - Uplight-Low (90-100)	25.4	N.A.	0.5
UH - Uplight-High (100-180)	2.0	N.A.	0.0
Total	4673.0	N.A.	100.0
BUG Rating	B2-U2-G2		

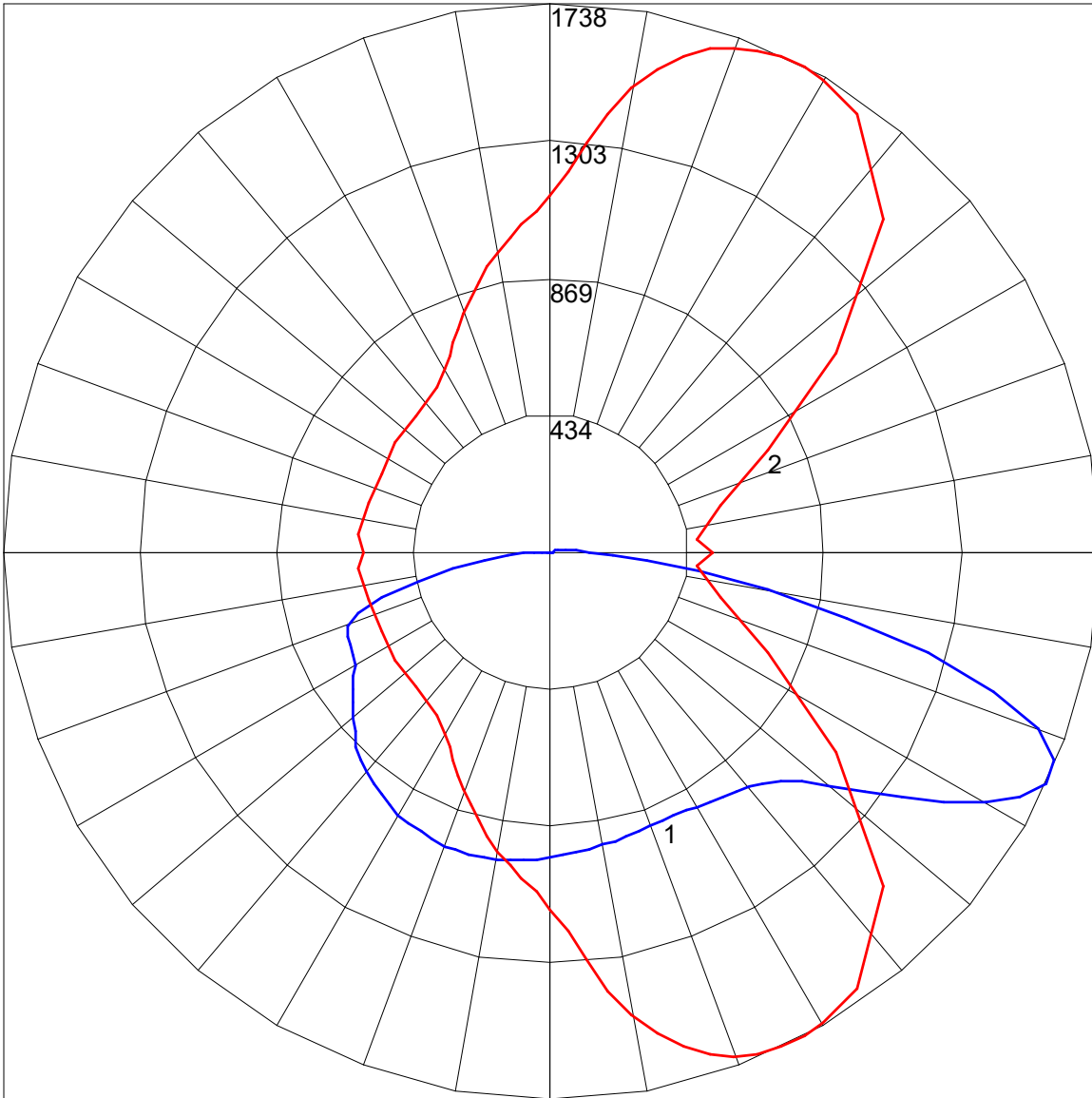
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

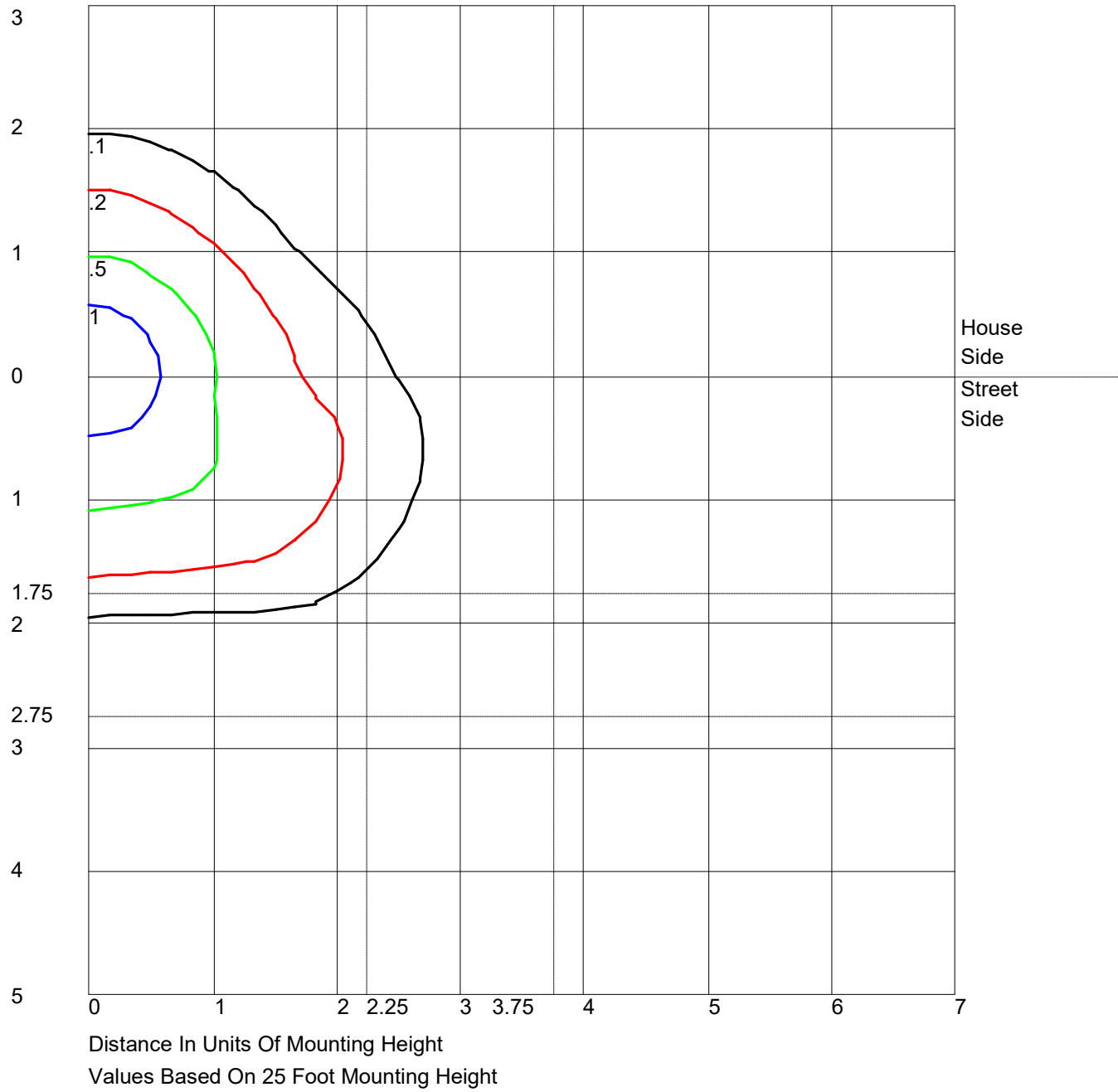
	Lumens	Percent Of Luminaire
Downward Street Side	2622.8	56.1
Downward House Side	2022.8	43.3
Downward Total	4645.6	99.4
Upward Street Side	17.3	0.4
Upward House Side	10.0	0.2
Upward Total	27.3	0.6
Total Flux	4672.9	100.0

POLAR GRAPH

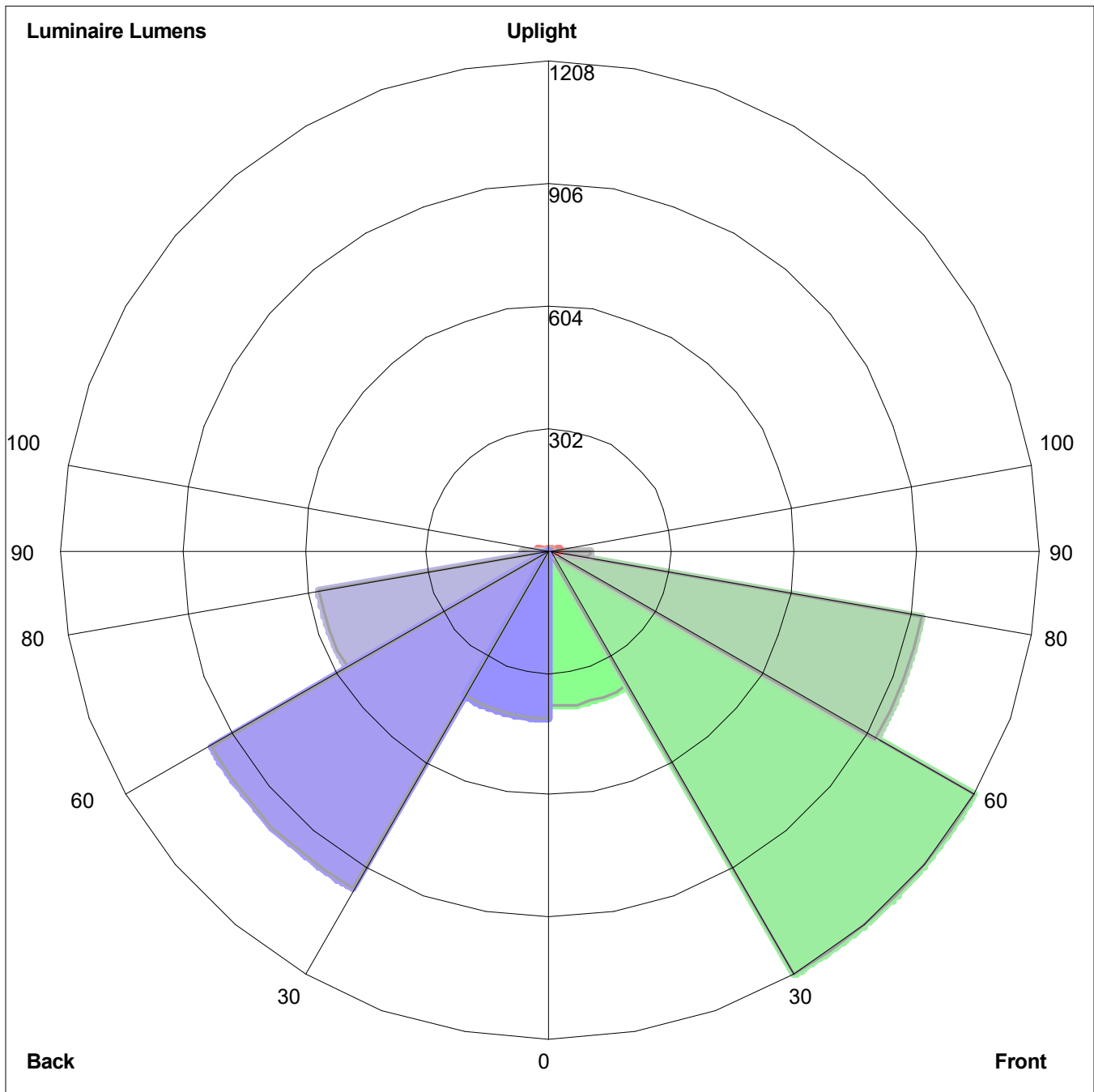


Maximum Candela = 1737.567 Located At Horizontal Angle = 62.5, Vertical Angle = 65
1 - Vertical Plane Through Horizontal Angles (62.5 - 242.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (65) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=385.1, Medium=1208.3, High=930.6, Very High=98.8
Back: Low=414.3, Medium=964.6, High=577.0, Very High=66.9
Uplight: Low=25.4, High=2.0

BUG Rating : B2-U2-G2