



IES ROAD REPORT
PHOTOMETRIC FILENAME : AX-30-40-5-C.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 12593999.07
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 11/19/2018
[MANUFAC] Express Imaging Systems LLC dba Evluma
[LUMCAT] AX-30-40-5-C (Scaled from AX-70-50-5-C)
[LUMINAIRE] Gray metal housing, white plastic reflector and cutoff gla
[MORE] ss 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

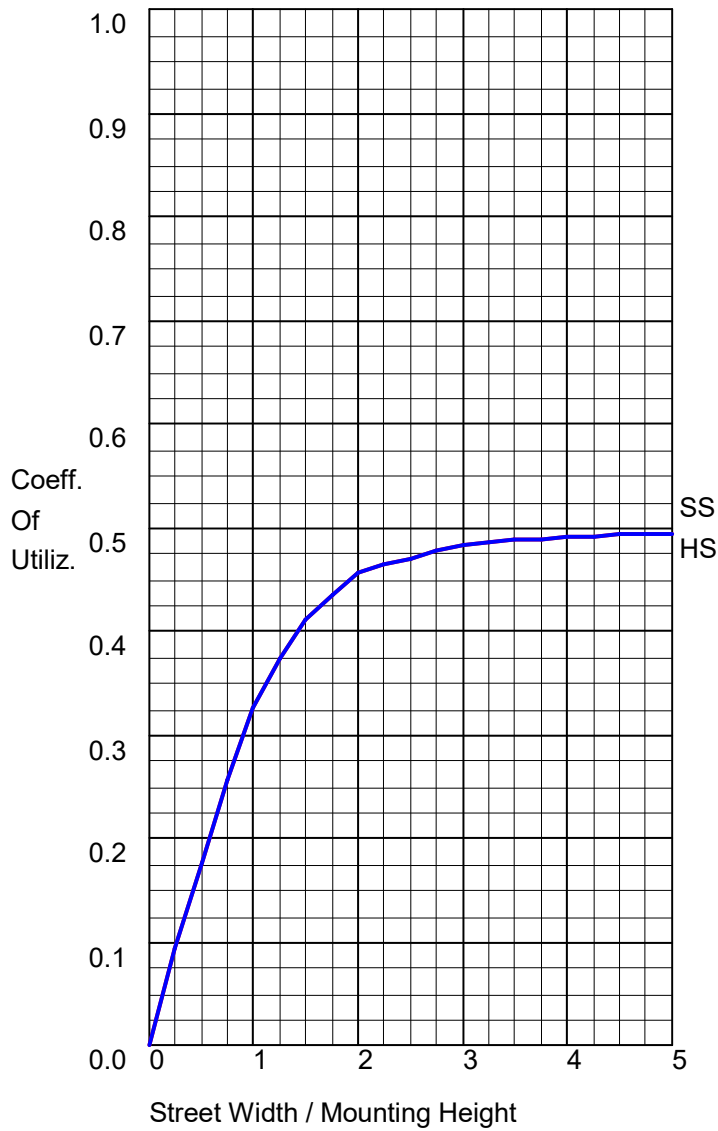
IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4466
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	149
Total Luminaire Watts	30
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1302.313
Maximum Candela Angle	155H 52.5V
Maximum Candela (<90 Degrees Vertical)	1302.313
Maximum Candela Angle (<90 Degrees Vertical)	155H 52.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	177.551 (4.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	303.0	N.A.	6.8
FM - Front-Medium (30-60)	1314.9	N.A.	29.4
FH - Front-High (60-80)	580.4	N.A.	13.0
FVH - Front-Very High (80-90)	34.8	N.A.	0.8
BL - Back-Low (0-30)	303.0	N.A.	6.8
BM - Back-Medium (30-60)	1314.9	N.A.	29.4
BH - Back-High (60-80)	580.4	N.A.	13.0
BVH - Back-Very High (80-90)	34.8	N.A.	0.8
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	4466.2	N.A.	100.0
BUG Rating	B2-U0-G1		

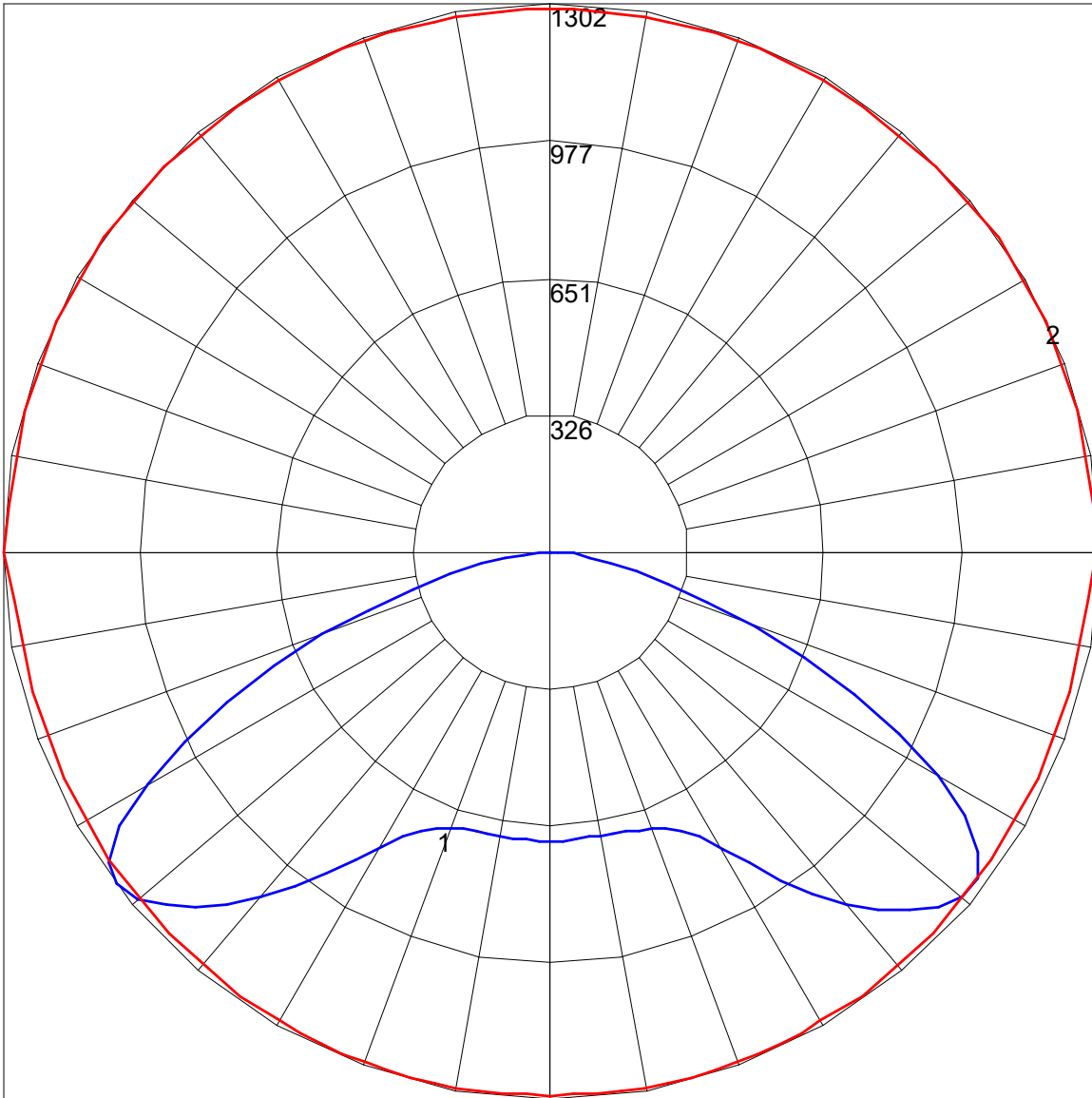
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

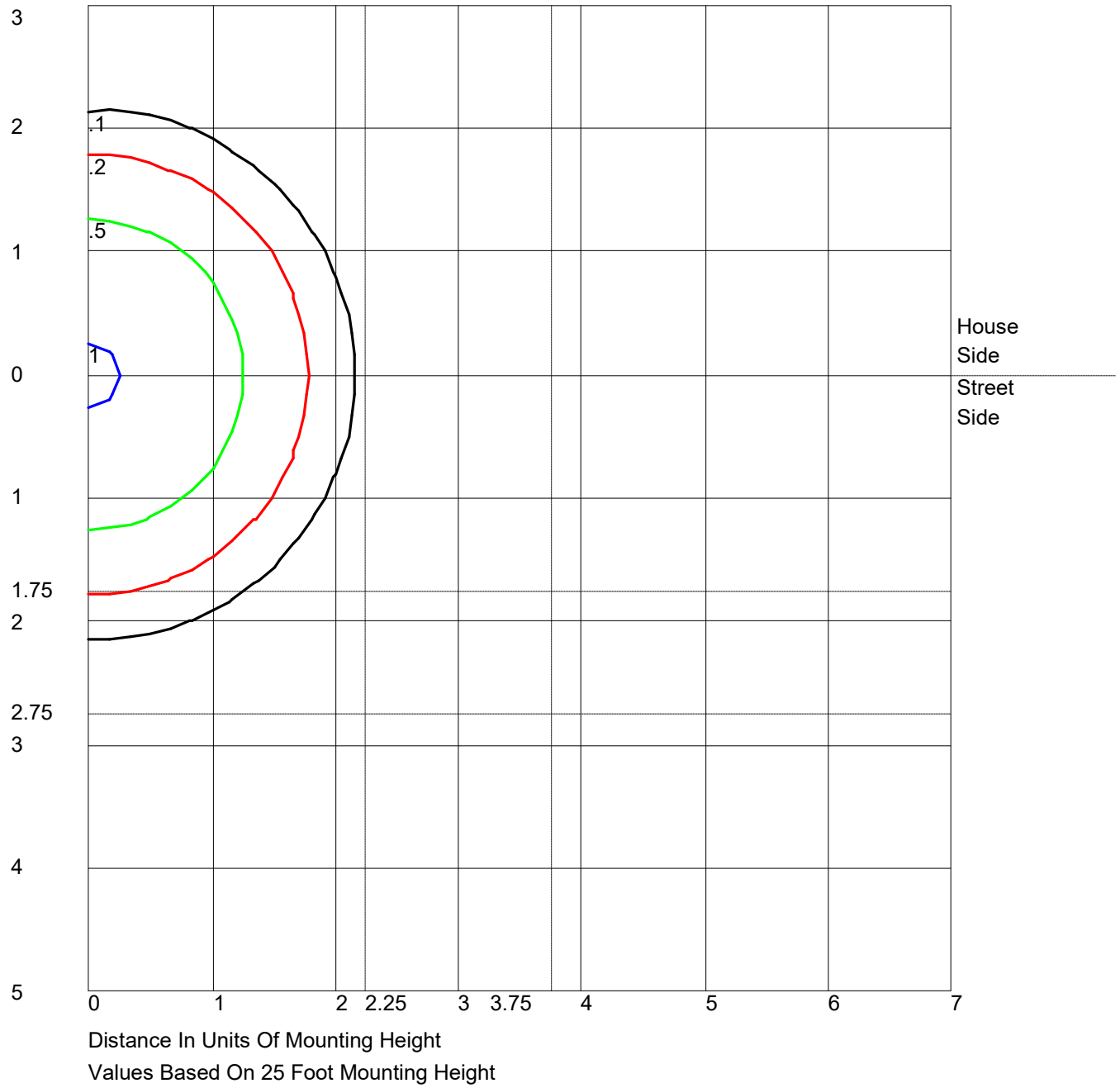
	Lumens	Percent Of Luminaire
Downward Street Side	2233.1	50.0
Downward House Side	2233.1	50.0
Downward Total	4466.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	4466.2	100.0

POLAR GRAPH

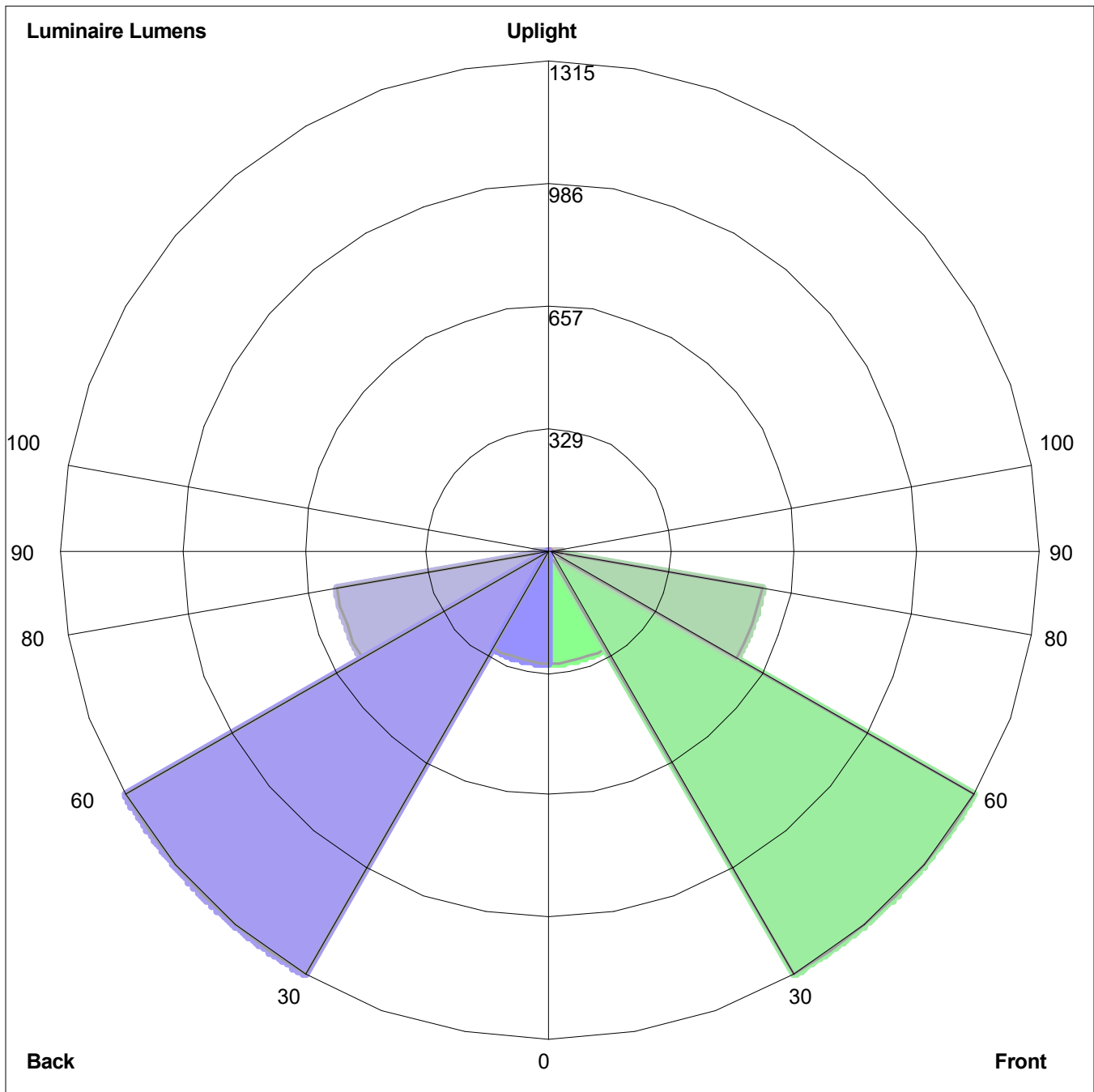


Maximum Candela = 1302.313 Located At Horizontal Angle = 155, Vertical Angle = 52.5
1 - Vertical Plane Through Horizontal Angles (155 - 335) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (52.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
 Front: Low=303.0, Medium=1314.9, High=580.4, Very High=34.8
 Back: Low=303.0, Medium=1314.9, High=580.4, Very High=34.8
 Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G1