



IES ROAD REPORT
PHOTOMETRIC FILENAME : AX-100-40-5-C.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 12652884.01
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 12/28/2018
[MANUFAC] Express Imaging Systems LLC dba Evluma
[LUMCAT] AX-100-40-5-C (Scaled from AX-100-27-5-C)
[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

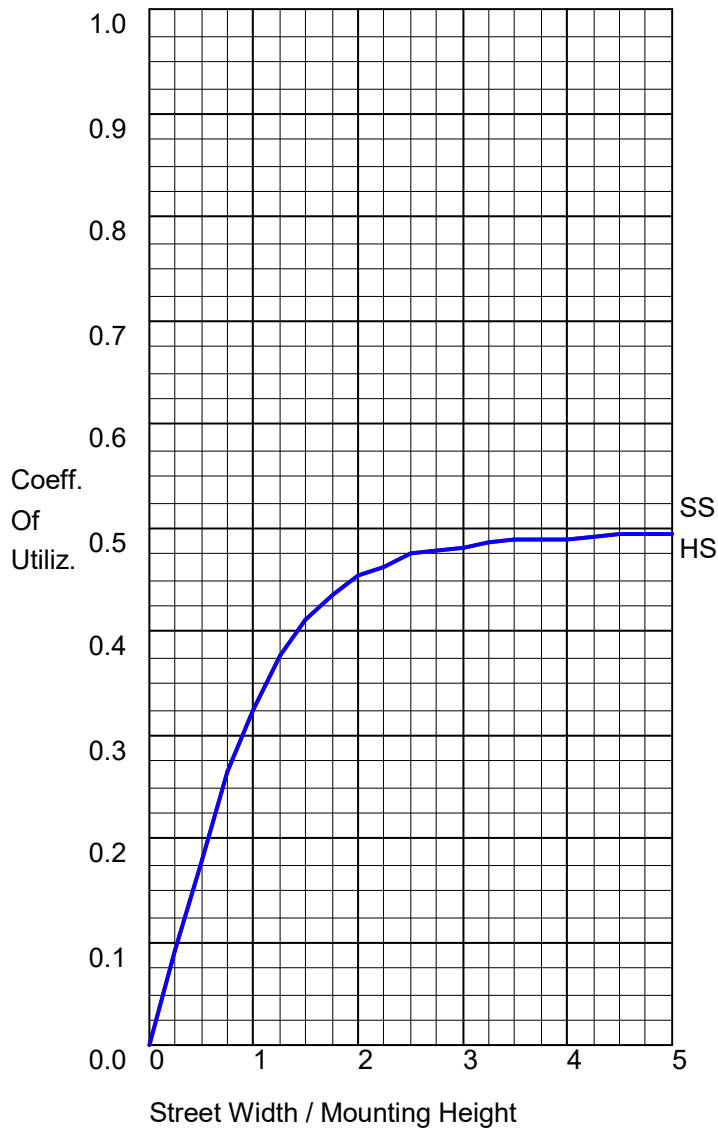
IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	12243
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	100
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	3581.433
Maximum Candela Angle	65H 50V
Maximum Candela (<90 Degrees Vertical)	3581.433
Maximum Candela Angle (<90 Degrees Vertical)	65H 50V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	412.029 (3.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	839.0	N.A.	6.9
FM - Front-Medium (30-60)	3664.1	N.A.	29.9
FH - Front-High (60-80)	1525.2	N.A.	12.5
FVH - Front-Very High (80-90)	93.1	N.A.	0.8
BL - Back-Low (0-30)	839.0	N.A.	6.9
BM - Back-Medium (30-60)	3664.1	N.A.	29.9
BH - Back-High (60-80)	1525.2	N.A.	12.5
BVH - Back-Very High (80-90)	93.1	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	12242.8	N.A.	100.0
BUG Rating	B3-U0-G1		

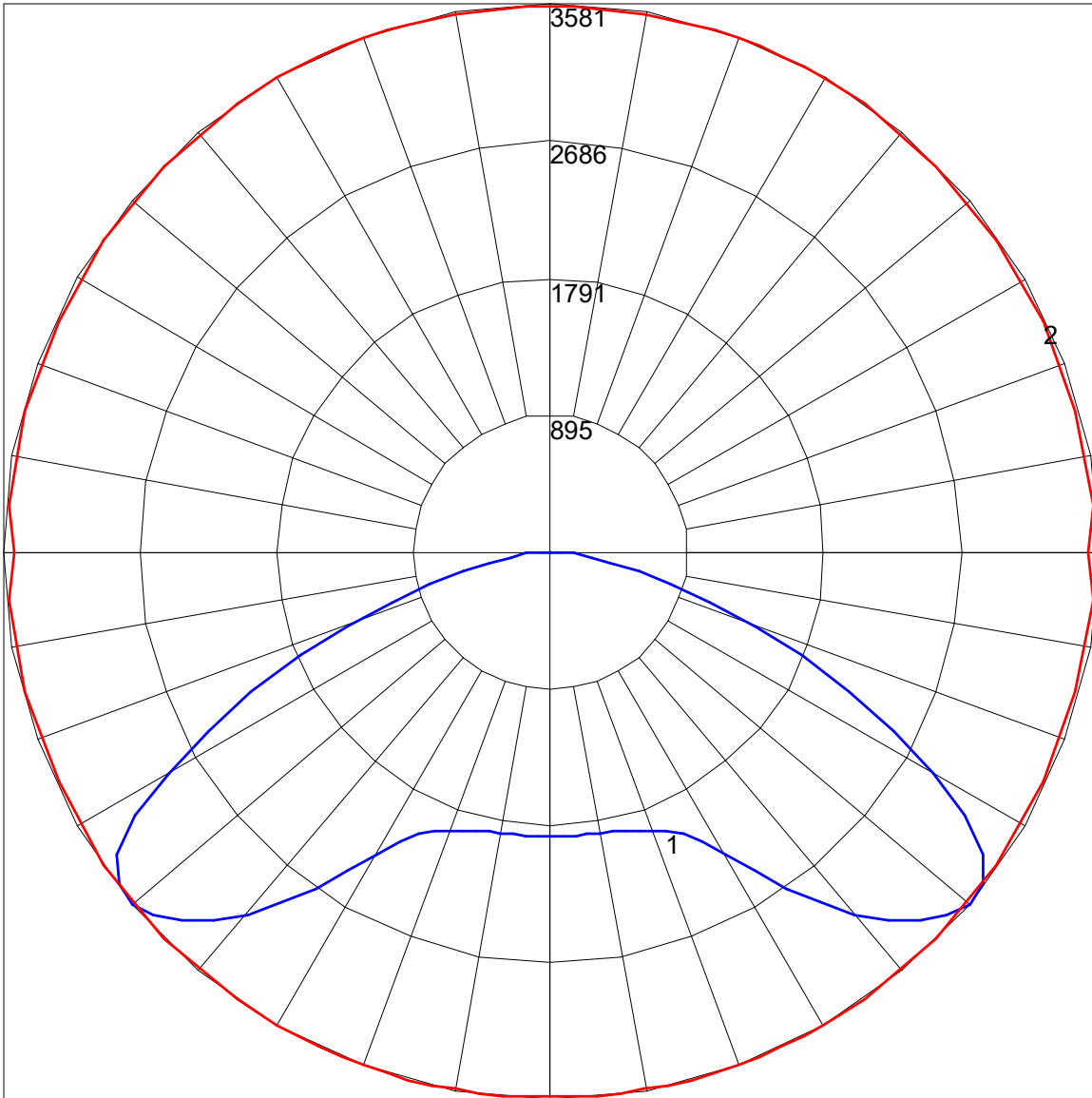
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

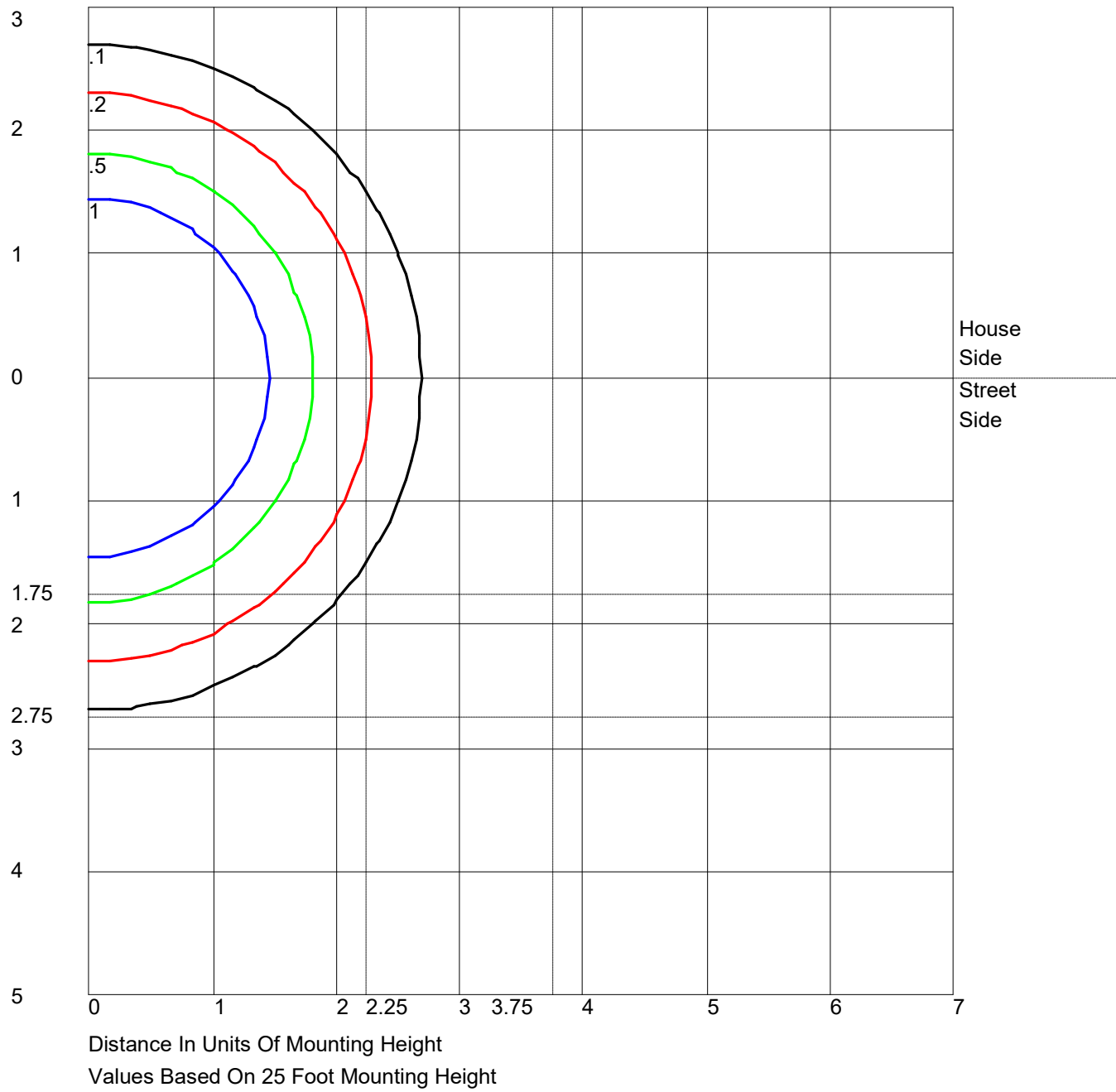
	Lumens	Percent Of Luminaire
Downward Street Side	6121.4	50.0
Downward House Side	6121.4	50.0
Downward Total	12242.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	12242.8	100.0

POLAR GRAPH

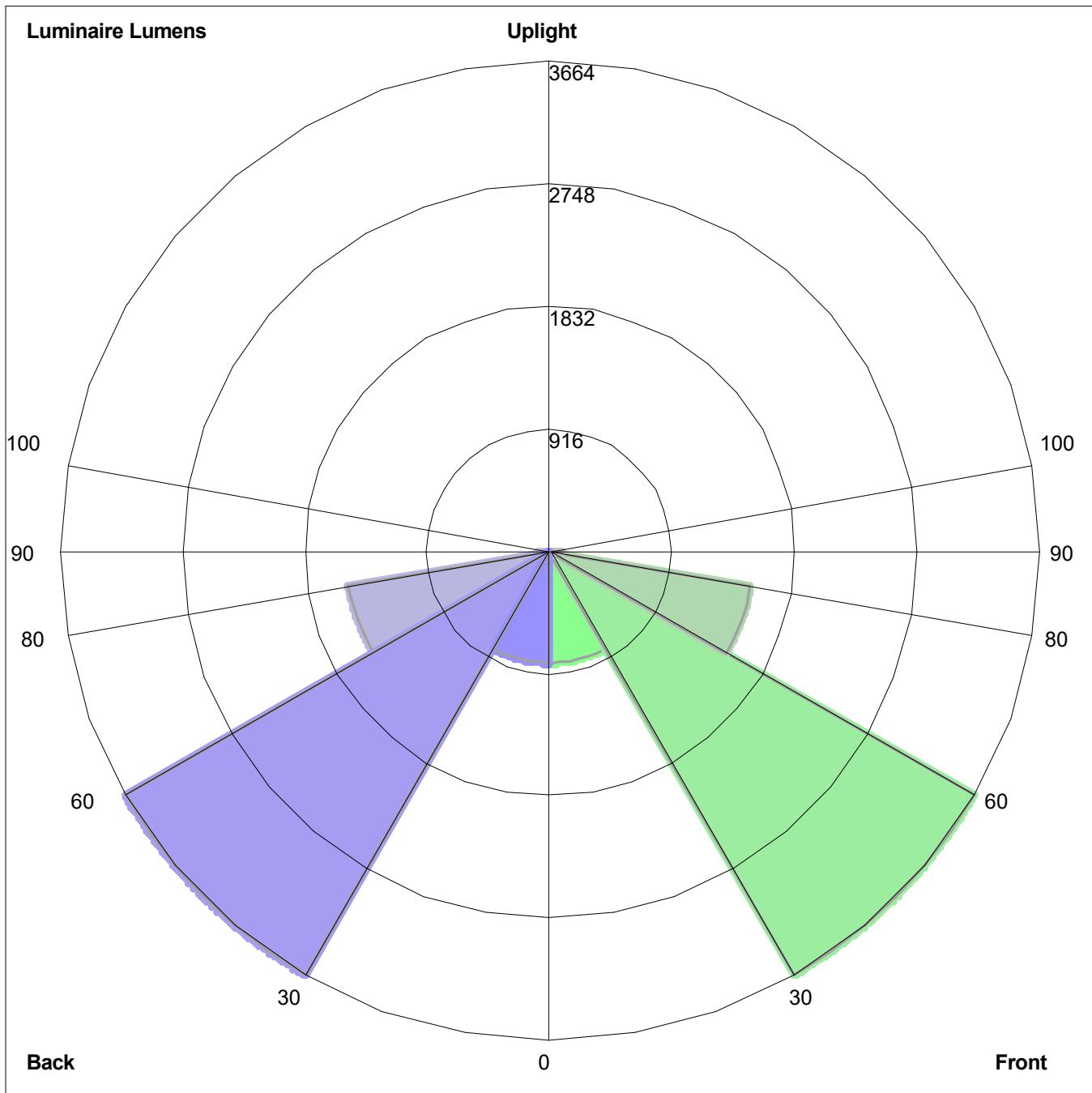


Maximum Candela = 3581.433 Located At Horizontal Angle = 65, Vertical Angle = 50
1 - Vertical Plane Through Horizontal Angles (65 - 245) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (50) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=839.0, Medium=3664.1, High=1525.2, Very High=93.1
Back: Low=839.0, Medium=3664.1, High=1525.2, Very High=93.1
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G1