

IES ROAD REPORT
PHOTOMETRIC FILENAME : OMNI-70-27-ME.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 1234535
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 4/18/2016
 [MANUFAC] Express Imaging Systems LLC dba Evluma
 [LUMCAT] OMNI-70-27-ME (Scaled from OMNI-70-30-ME)
 [LUMINAIRE] Circular white plastic lamp with rubber frosted lens
 [LAMP] 96 White LEDs
 [BALLAST] Internal
 [OTHER] 24.8 C, 120.06 V, 0.5971 A, 70.68 W, 0.9859 PF, 59.99 Hz
 [OTHER] This test was performed using the calibrated photodetector met
 [MORE] hod of absolute photometry.

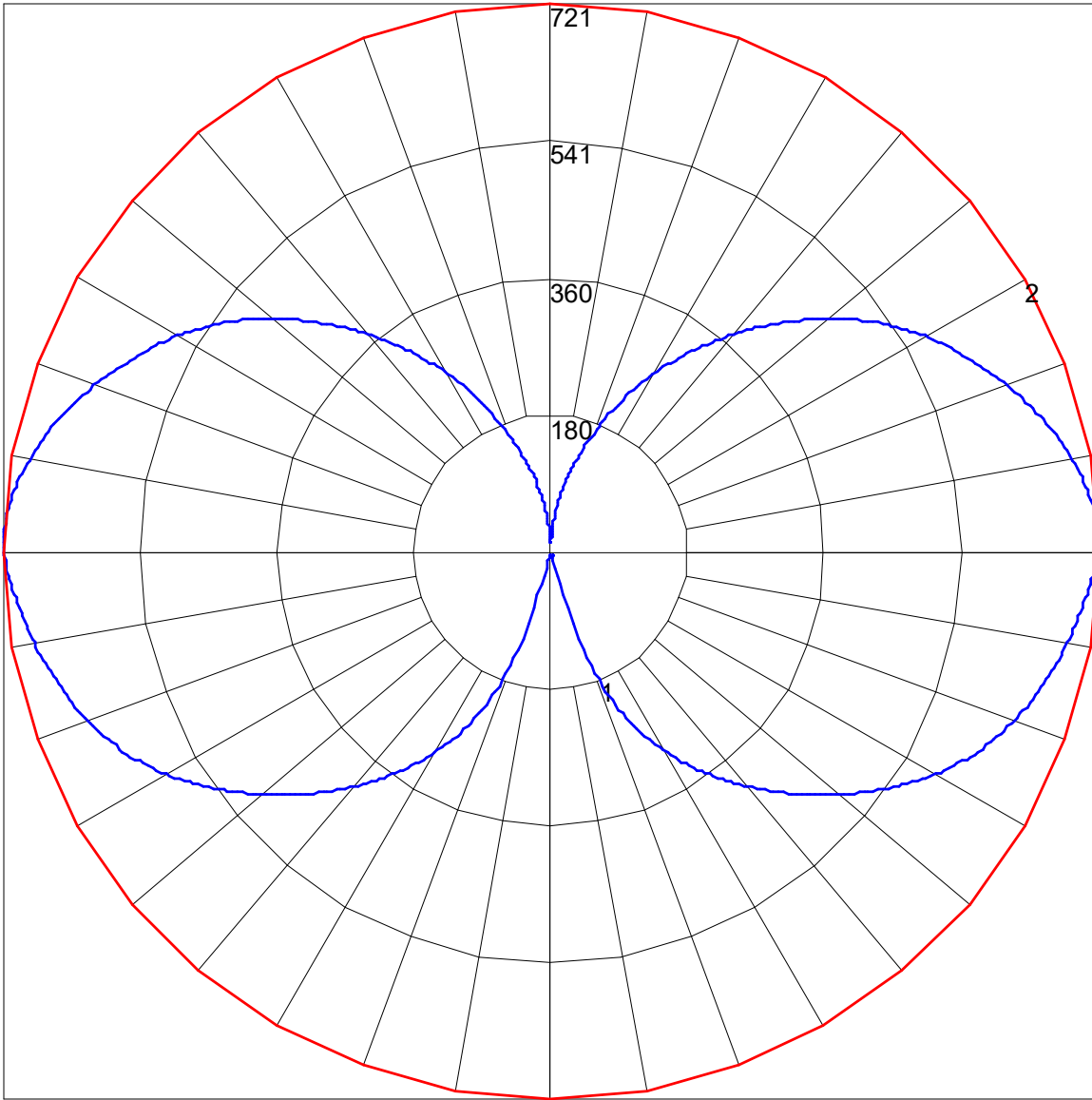
CHARACTERISTICS

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6534
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	70.68
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	720.936
Maximum Candela Angle	0H 91.5V
Maximum Candela (<90 Degrees Vertical)	719.82
Maximum Candela Angle (<90 Degrees Vertical)	0H 89.5V
Maximum Candela At 90 Degrees Vertical	720.378 (11.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	719.82 (11.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

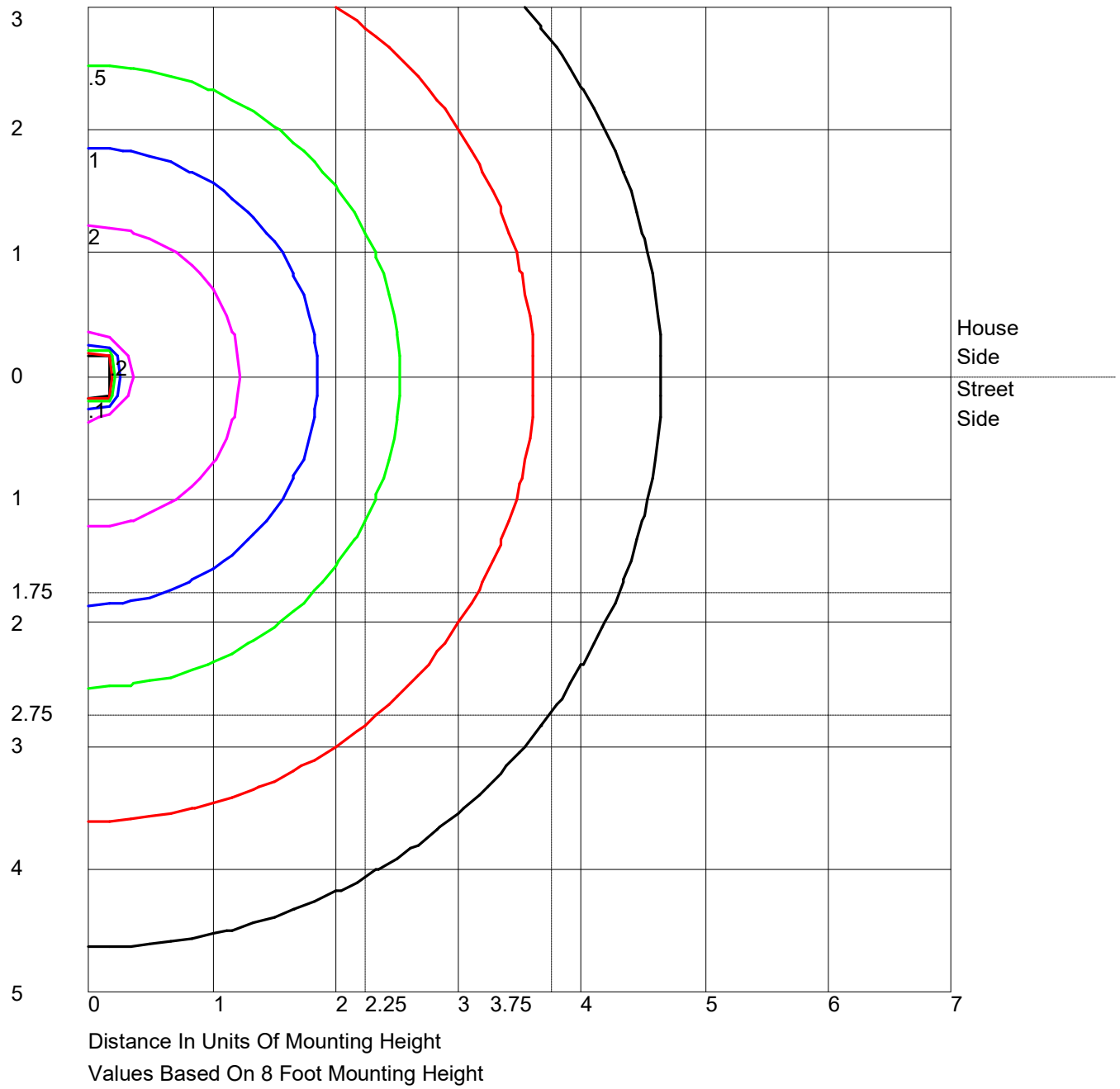
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	66.6	N.A.	1.0
FM - Front-Medium (30-60)	530.9	N.A.	8.1
FH - Front-High (60-80)	663.7	N.A.	10.2
FVH - Front-Very High (80-90)	385.8	N.A.	5.9
BL - Back-Low (0-30)	66.6	N.A.	1.0
BM - Back-Medium (30-60)	530.9	N.A.	8.1
BH - Back-High (60-80)	663.7	N.A.	10.2
BVH - Back-Very High (80-90)	385.8	N.A.	5.9
UL - Uplight-Low (90-100)	779.0	N.A.	11.9
UH - Uplight-High (100-180)	2461.3	N.A.	37.7
Total	6534.3	N.A.	100.0
BUG Rating	B2-U5-G3		

POLAR GRAPH

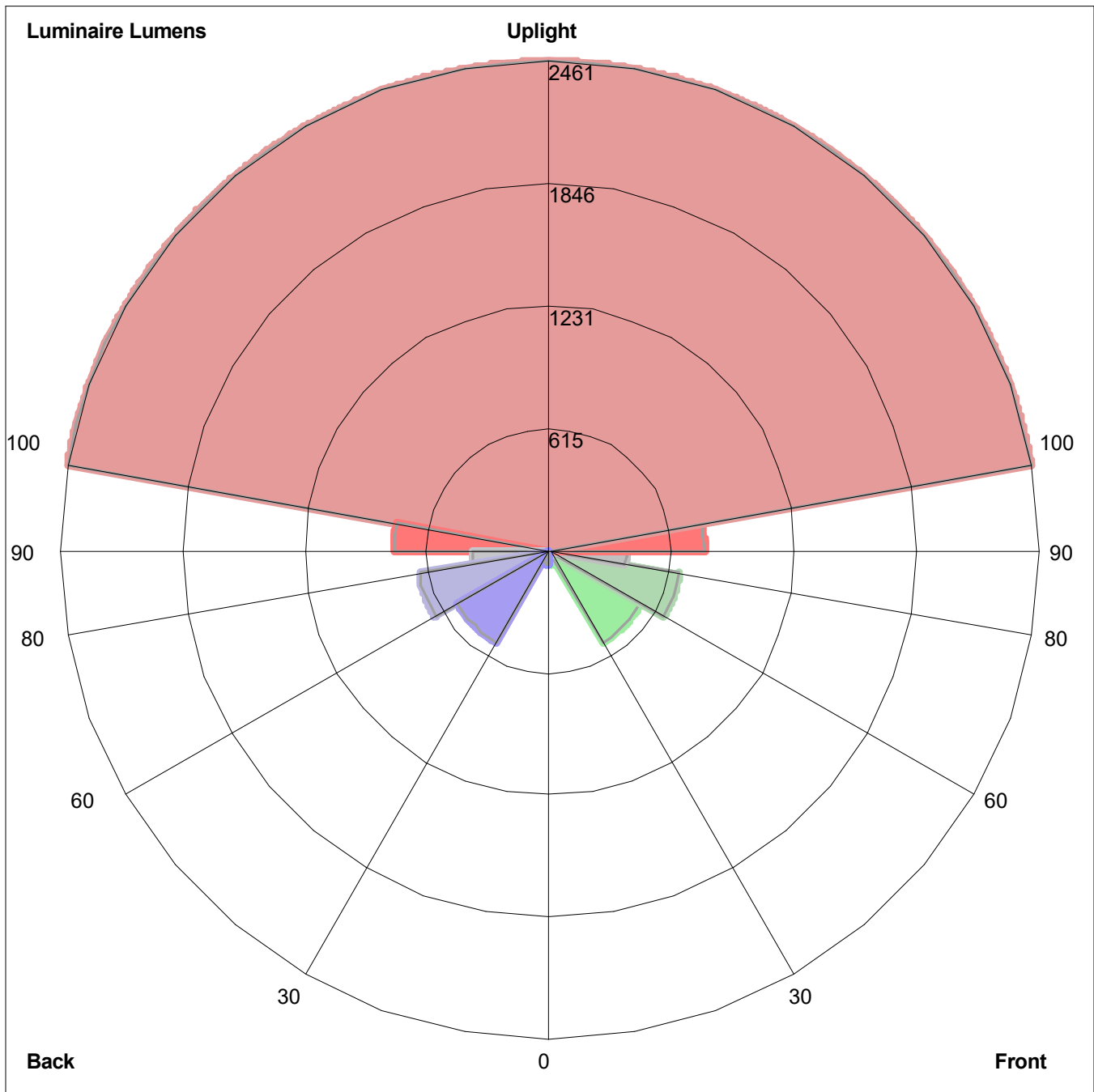


Maximum Candela = 720.936 Located At Horizontal Angle = 0, Vertical Angle = 91.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (91.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=66.6, Medium=530.9, High=663.7, Very High=385.8
Back: Low=66.6, Medium=530.9, High=663.7, Very High=385.8
Uplight: Low=779.0, High=2461.3

BUG Rating : B2-U5-G3