

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : COPY\_OMNI-40-27-ME.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] 1234531  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUE DATE] 4/18/2016  
 [MANUFAC] Express Imaging Systems LLC dba Evluma  
 [LUMCAT] OMNI-40-27-ME (Scaled from OMNI-40-30-ME)  
 [LUMINAIRE] Circular white plastic lamp with rubber frosted lens  
 [LAMP] 96 White LEDs  
 [BALLAST] Internal  
 [OTHER] 24.8 C, 120.01 V, 0.3438 A, 40.85 W, 0.9899 PF, 59.99 Hz  
 [OTHER] This test was performed using the calibrated photodetector met  
 [MORE] hod of absolute photometry.

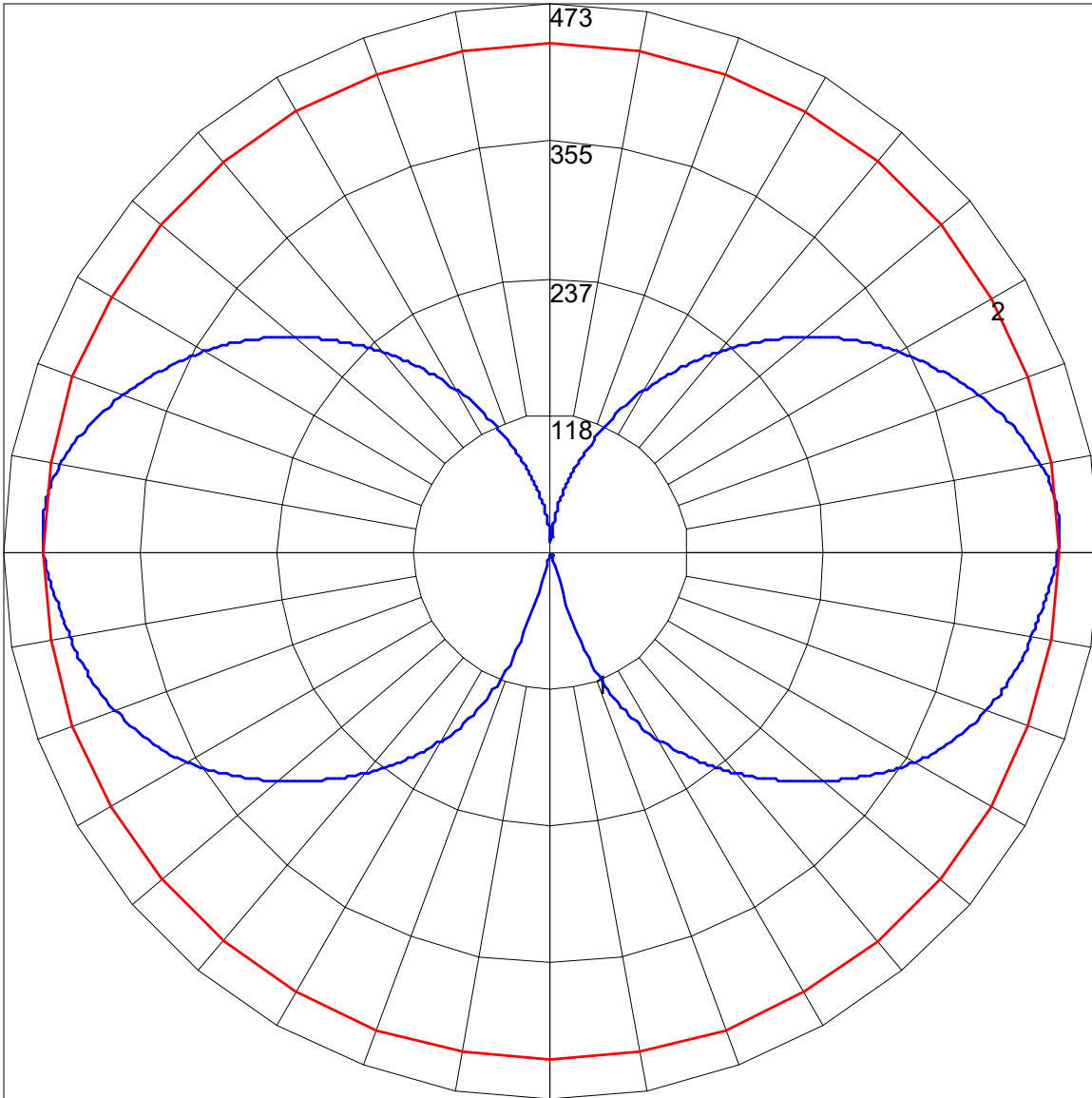
**CHARACTERISTICS**

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4305
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	40.85
Ballast Factor	1.00
Upward Waste Light Ratio	0.49
Maximum Candela	473.091
Maximum Candela Angle	0H 93.5V
Maximum Candela (<90 Degrees Vertical)	470.952
Maximum Candela Angle (<90 Degrees Vertical)	0H 89.5V
Maximum Candela At 90 Degrees Vertical	471.603 (11.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	470.952 (10.9% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

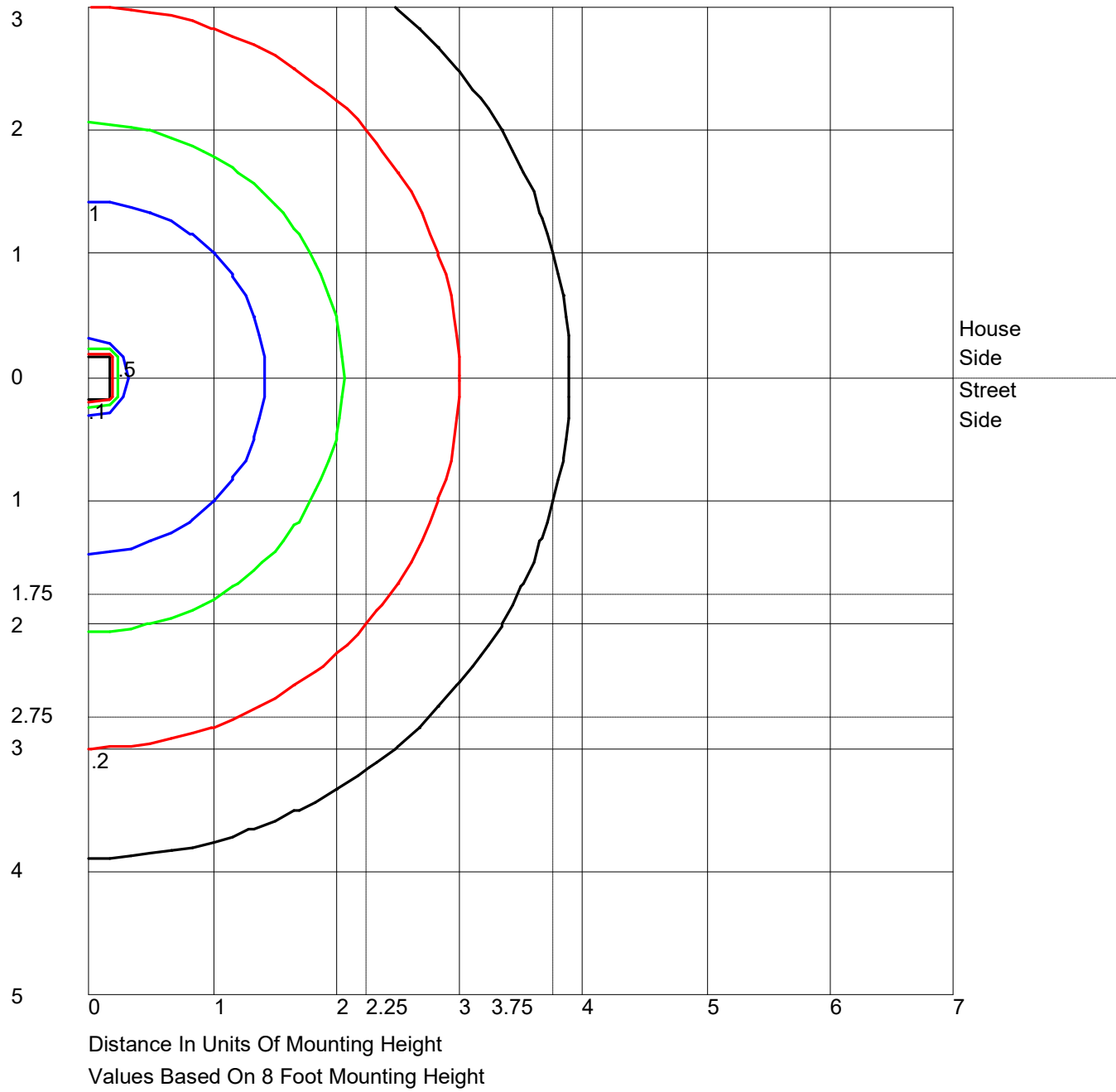
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	43.8	N.A.	1.0
FM - Front-Medium (30-60)	353.8	N.A.	8.2
FH - Front-High (60-80)	439.9	N.A.	10.2
FVH - Front-Very High (80-90)	252.6	N.A.	5.9
BL - Back-Low (0-30)	43.8	N.A.	1.0
BM - Back-Medium (30-60)	353.8	N.A.	8.2
BH - Back-High (60-80)	439.9	N.A.	10.2
BVH - Back-Very High (80-90)	252.6	N.A.	5.9
UL - Uplight-Low (90-100)	513.6	N.A.	11.9
UH - Uplight-High (100-180)	1611.3	N.A.	37.4
Total	4305.1	N.A.	100.0
BUG Rating	B1-U5-G3		

POLAR GRAPH

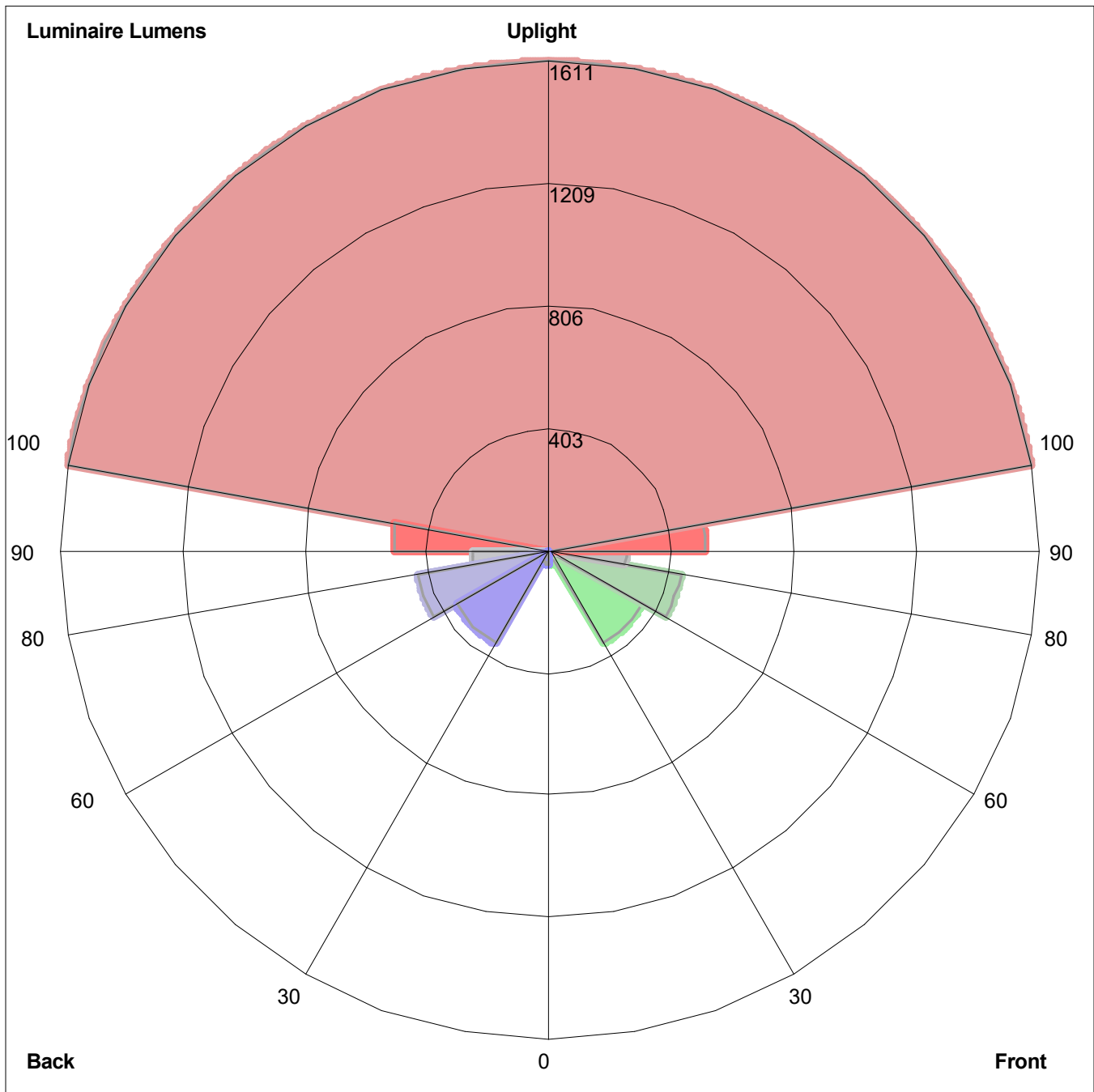


Maximum Candela = 473.091 Located At Horizontal Angle = 0, Vertical Angle = 93.5  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (93.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=43.8, Medium=353.8, High=439.9, Very High=252.6  
Back: Low=43.8, Medium=353.8, High=439.9, Very High=252.6  
Uplight: Low=513.6, High=1611.3

BUG Rating : B1-U5-G3