



**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : GCJ0-15H-MV-CW-3-XX-390 S.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TESTLAB] Scaled from GCJ0-15H-MV-CW-3-XX-490, L091604008R01  
[ISSUEDATE] 9/27/2016  
[MANUFAC] Leotek Electronics USA, LLC  
[LUMCAT] GCJ0-15H-MV-CW-3-XX-390 S  
[LUMINAIRE] 18.25"L. X 9.5"W. X 4.5"H. LED STREET LIGHT

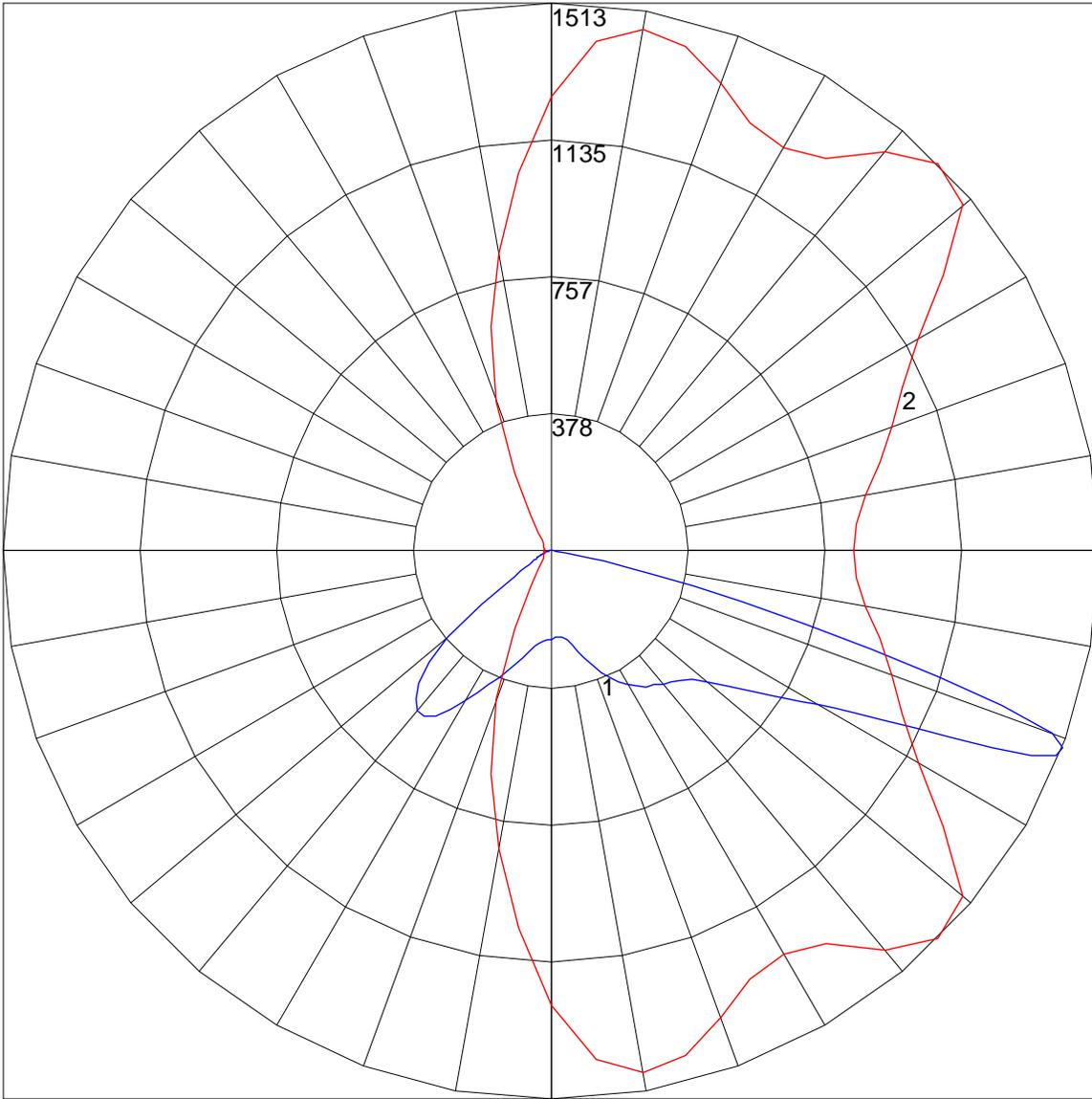
**CHARACTERISTICS**

IES Classification	Type III
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2472
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	128
Total Luminaire Watts	19.3
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1513.32
Maximum Candela Angle	45H 69V
Maximum Candela (<90 Degrees Vertical)	1513.32
Maximum Candela Angle (<90 Degrees Vertical)	45H 69V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	127.122 (5.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

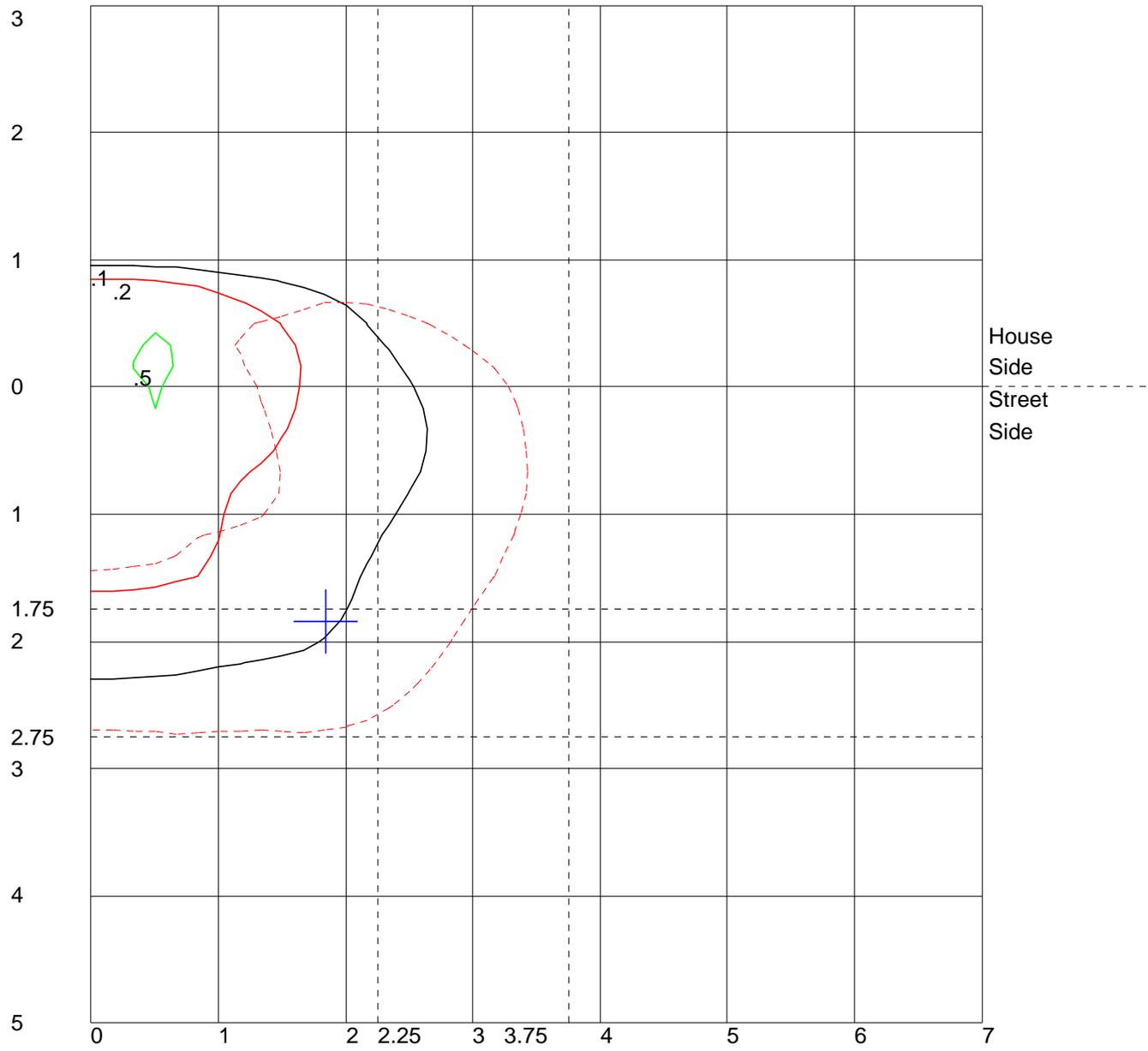
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	143.1	N.A.	5.8
FM - Front-Medium (30-60)	684.8	N.A.	27.7
FH - Front-High (60-80)	812.1	N.A.	32.9
FVH - Front-Very High (80-90)	11.9	N.A.	0.5
BL - Back-Low (0-30)	149.2	N.A.	6.0
BM - Back-Medium (30-60)	482.6	N.A.	19.5
BH - Back-High (60-80)	184.3	N.A.	7.5
BVH - Back-Very High (80-90)	3.4	N.A.	0.1
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	2471.4	N.A.	100.0
BUG Rating	B1-U0-G1		

POLAR GRAPH



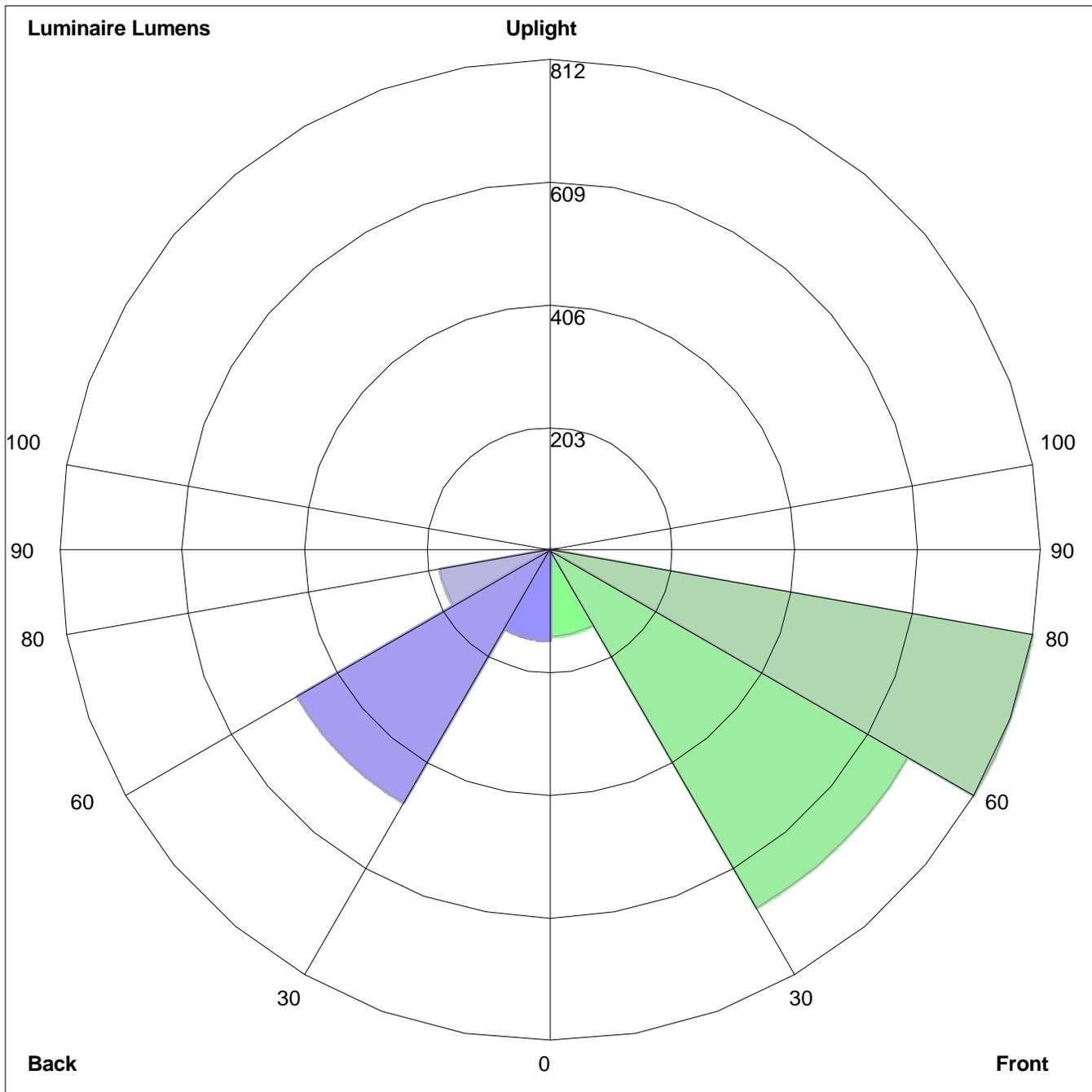
Maximum Candela = 1513.32 Located At Horizontal Angle = 45, Vertical Angle = 69  
# 1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (69) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height  
 Values Based On 25 Foot Mounting Height  
 1/2 Maximum Candela Trace Shown As Dashed Curve  
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=143.1, Medium=684.8, High=812.1, Very High=11.9  
Back: Low=149.2, Medium=482.6, High=184.3, Very High=3.4  
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G1