



## IES ROAD REPORT

PHOTOMETRIC FILENAME : GCJ0-15H-MV-CW-4-XX-390 S.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TESTLAB] Scaled from GCJ0-15H-MV-CW-4-XX-490, L091604009  
[TESTLAB] LIGHT LABORATORY, INC.  
[ISSUEDATE] 9/23/2016  
[MANUFAC] Leotek Electronics USA, LLC  
[LUMCAT] GCJ0-15H-MV-CW-4-XX-390 S  
[LUMINAIRE] 18.25"L. X 9.5"W. X 4.5"H. LED STREET LIGHT

### CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2516
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	19.3
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1235.717
Maximum Candela Angle	80H 69V
Maximum Candela (<90 Degrees Vertical)	1235.717
Maximum Candela Angle (<90 Degrees Vertical)	80H 69V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	85.892 (3.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

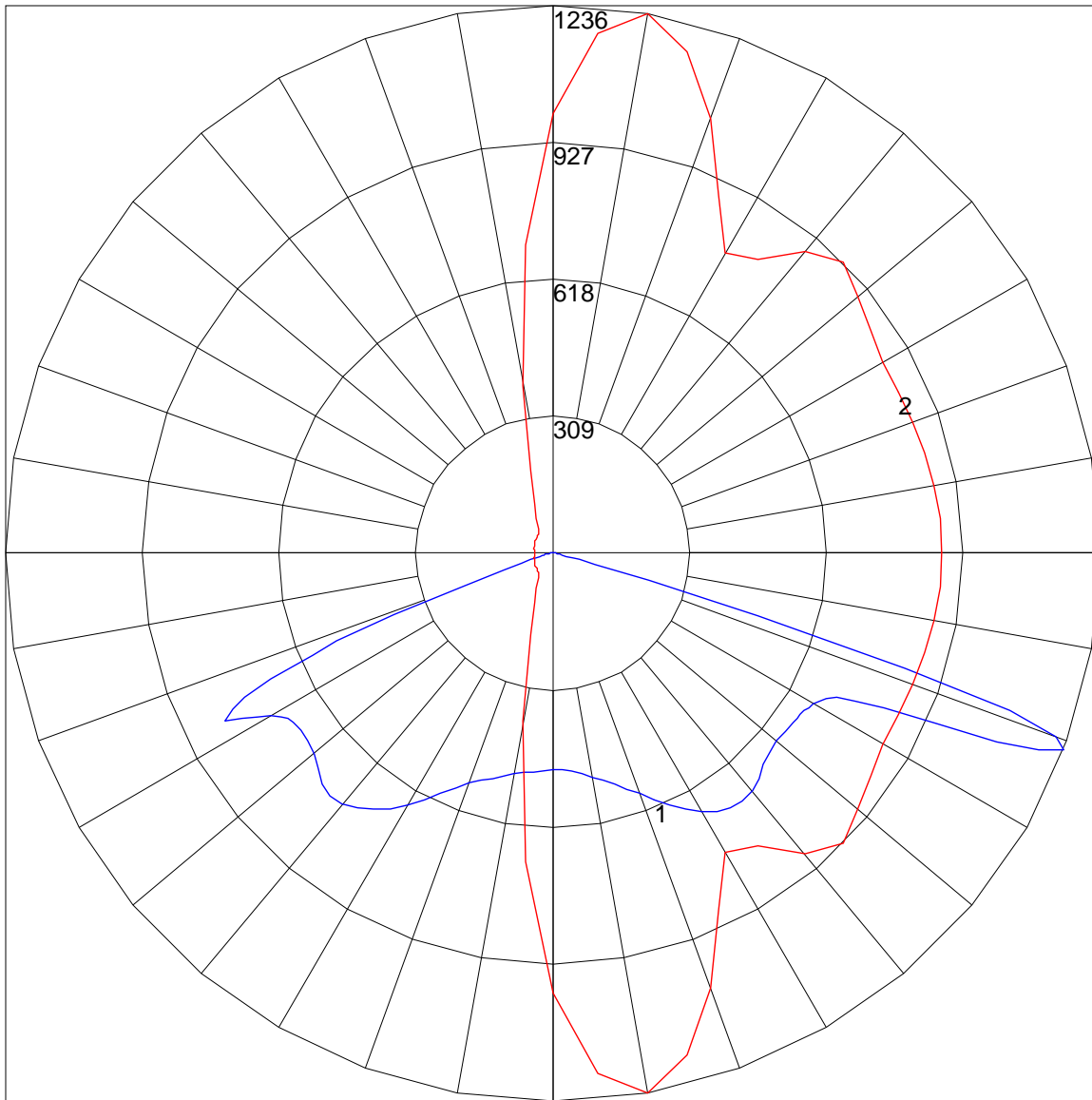
### LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	244.5	N.A.	9.7
FM - Front-Medium (30-60)	694.0	N.A.	27.6
FH - Front-High (60-80)	671.6	N.A.	26.7
FVH - Front-Very High (80-90)	7.6	N.A.	0.3
BL - Back-Low (0-30)	207.4	N.A.	8.2
BM - Back-Medium (30-60)	538.5	N.A.	21.4
BH - Back-High (60-80)	150.6	N.A.	6.0
BVH - Back-Very High (80-90)	2.0	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	2516.2	N.A.	100.0
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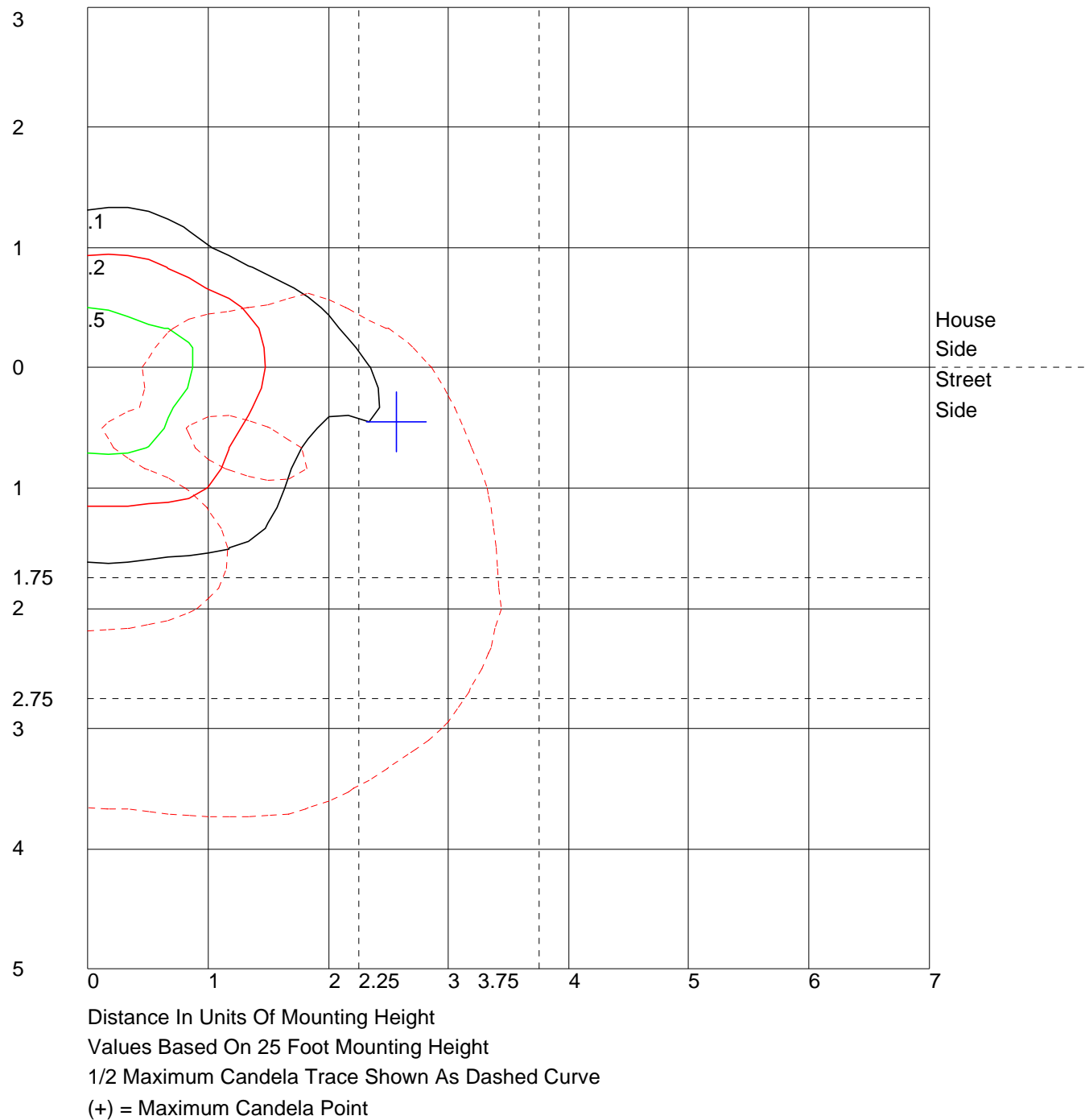
BUG Rating	B1-U0-G1
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POLAR GRAPH

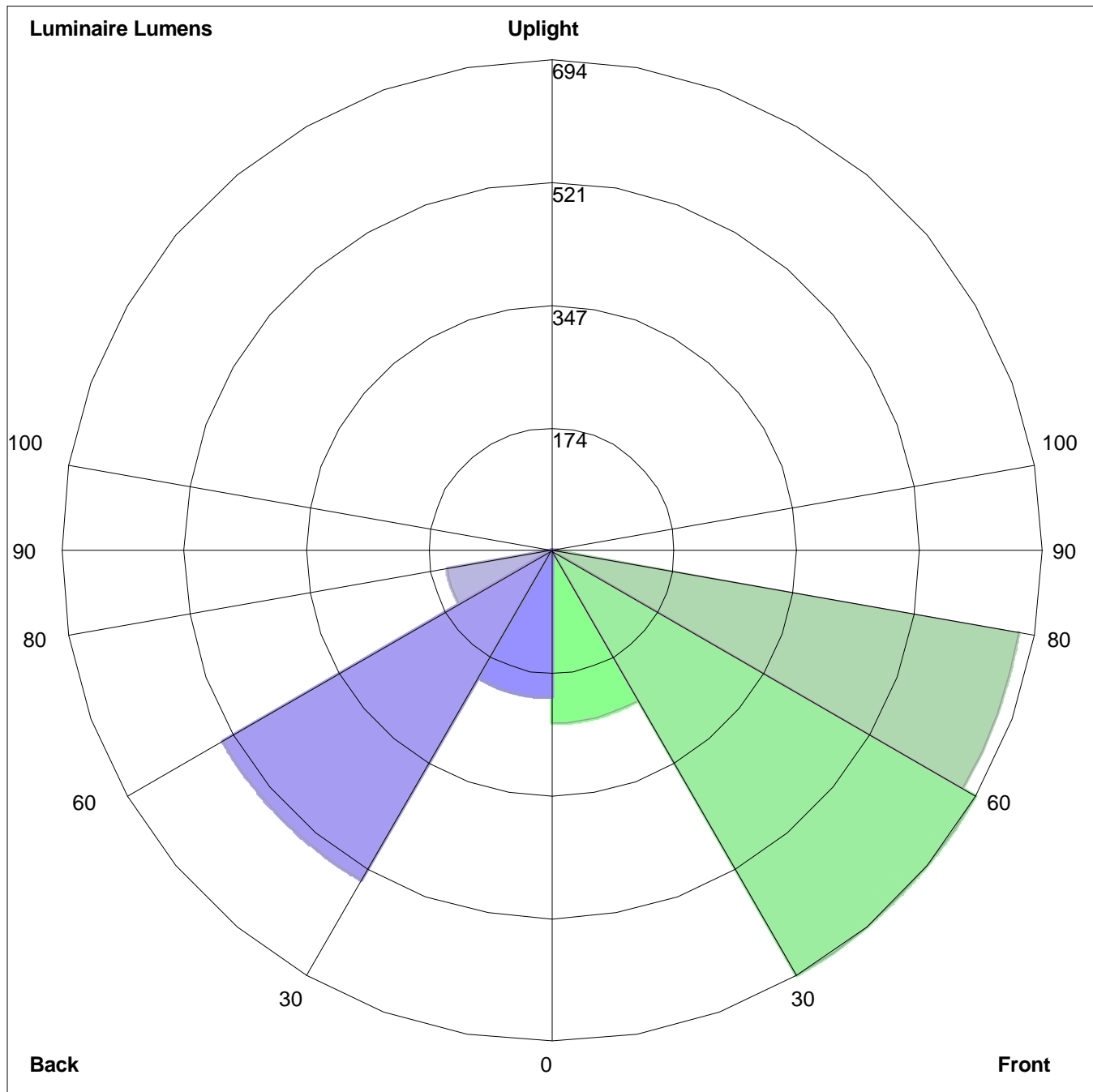


Maximum Candela = 1235.717 Located At Horizontal Angle = 80, Vertical Angle = 69  
# 1 - Vertical Plane Through Horizontal Angles (80 - 260) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (69) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=244.5, Medium=694.0, High=671.6, Very High=7.6  
Back: Low=207.4, Medium=538.5, High=150.6, Very High=2.0  
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G1