



## IES ROAD REPORT

PHOTOMETRIC FILENAME : GCJ2-20H-MV-CW-4-XX-900 S.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from GCJ2-20H-MV-CW-4-XX-1A, L091603904

[ISSUEDATE] 9/29/2016

[MANUFAC] Leotek Electronics USA, LLC

[LUMCAT] GCJ2-20H-MV-CW-4-XX-900 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	6748
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	58.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	3746.344
Maximum Candela Angle	80H 70.5V
Maximum Candela (<90 Degrees Vertical)	3746.344
Maximum Candela Angle (<90 Degrees Vertical)	80H 70.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	295.764 (4.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

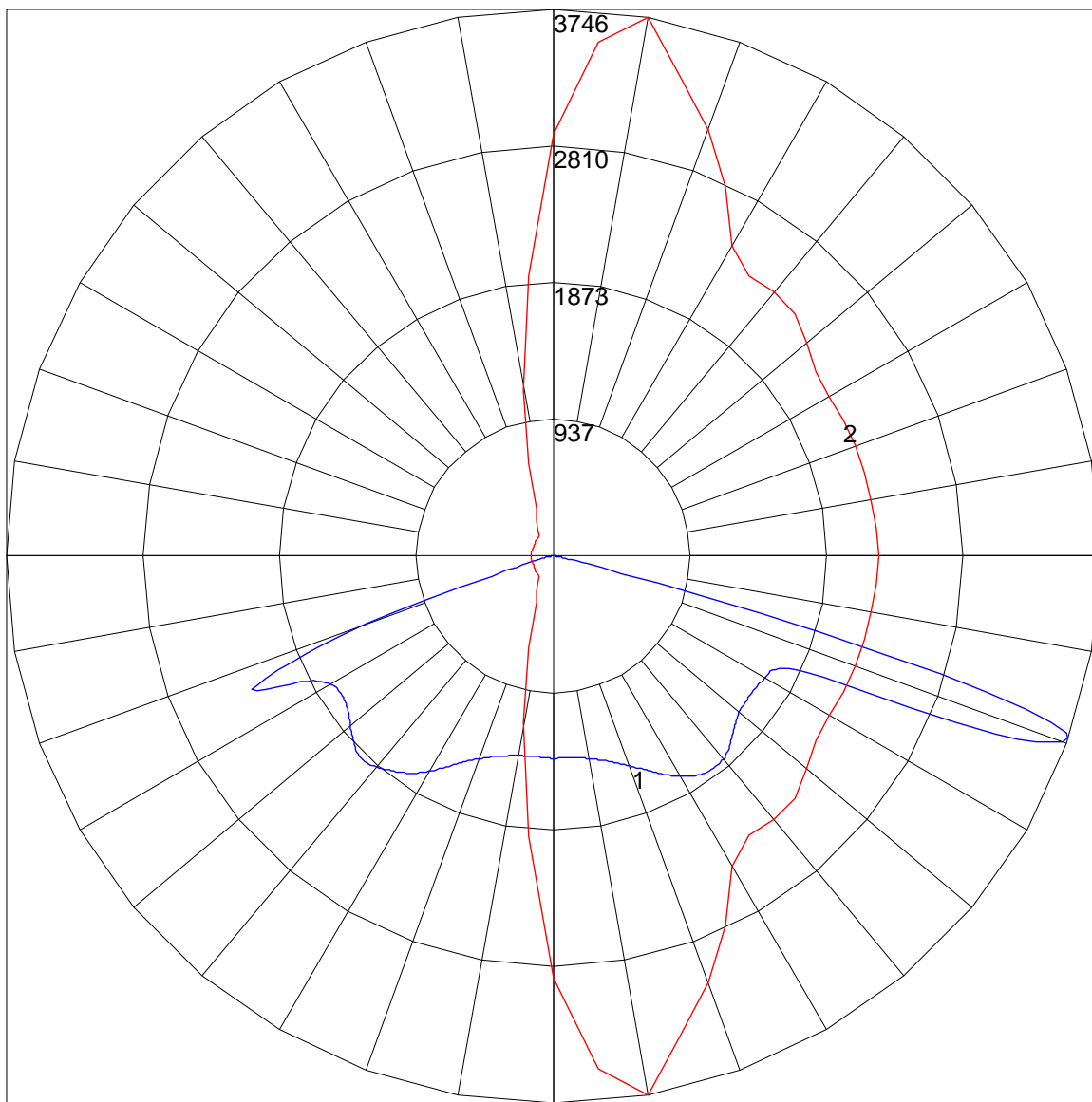
### LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	653.6	N.A.	9.7
FM - Front-Medium (30-60)	1783.1	N.A.	26.4
FH - Front-High (60-80)	1778.1	N.A.	26.4
FVH - Front-Very High (80-90)	22.2	N.A.	0.3
BL - Back-Low (0-30)	566.1	N.A.	8.4
BM - Back-Medium (30-60)	1433.7	N.A.	21.2
BH - Back-High (60-80)	500.8	N.A.	7.4
BVH - Back-Very High (80-90)	10.1	N.A.	0.2
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0

Total	6747.7	N.A.	100.0
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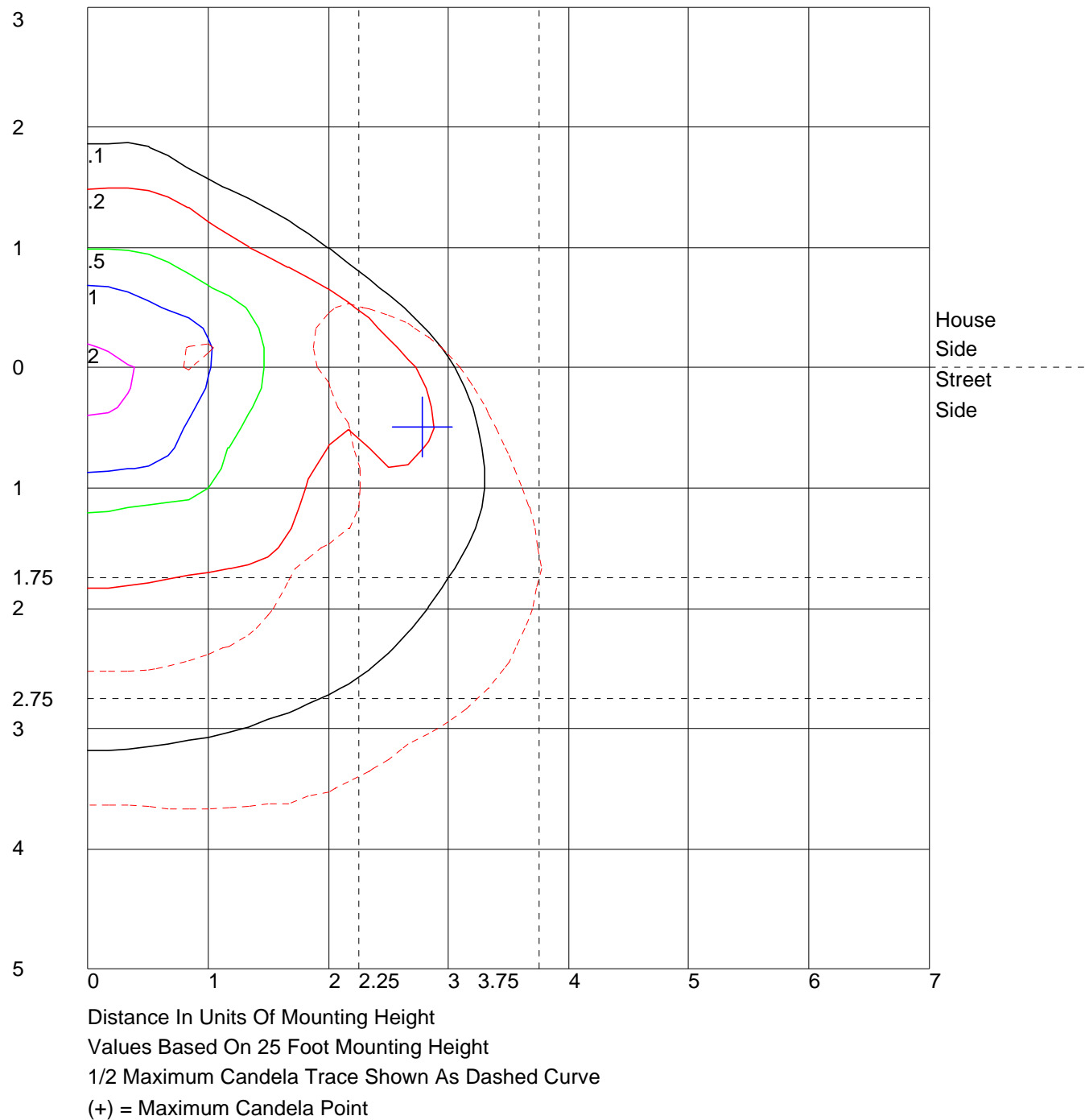
BUG Rating	B2-U0-G2
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POLAR GRAPH

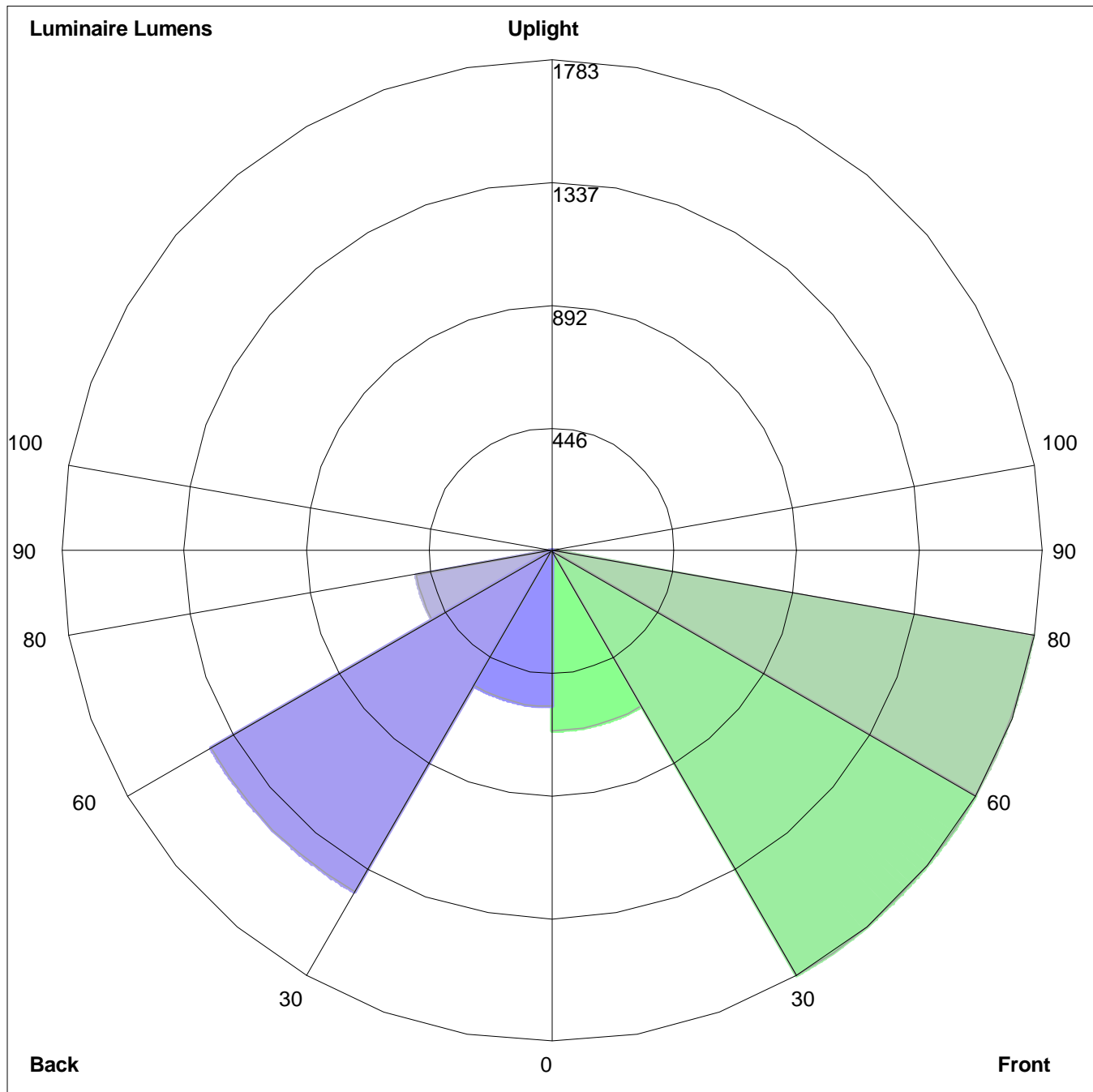


Maximum Candela = 3746.344 Located At Horizontal Angle = 80, Vertical Angle = 70.5  
# 1 - Vertical Plane Through Horizontal Angles (80 - 260) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (70.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=653.6, Medium=1783.1, High=1778.1, Very High=22.2  
Back: Low=566.1, Medium=1433.7, High=500.8, Very High=10.1  
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2