



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCJ2-20H-MV-CW-2R-XX-830 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from GCJ2-20H-MV-CW-2R-XX-700, L091603906

[ISSUE DATE] 9/29/2016

[MANUFAC] Leotek Electronics USA, LLC

[LUMCAT] GCJ2-20H-MV-CW-2R-XX-830 S

[LUMINAIRE] 18.25"L. X 9.5"W. X 4.5"H. LED STREET LIGHT

CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6214
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	53.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	5190.718
Maximum Candela Angle	75H 69V
Maximum Candela (<90 Degrees Vertical)	5190.718
Maximum Candela Angle (<90 Degrees Vertical)	75H 69V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1162.767 (18.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

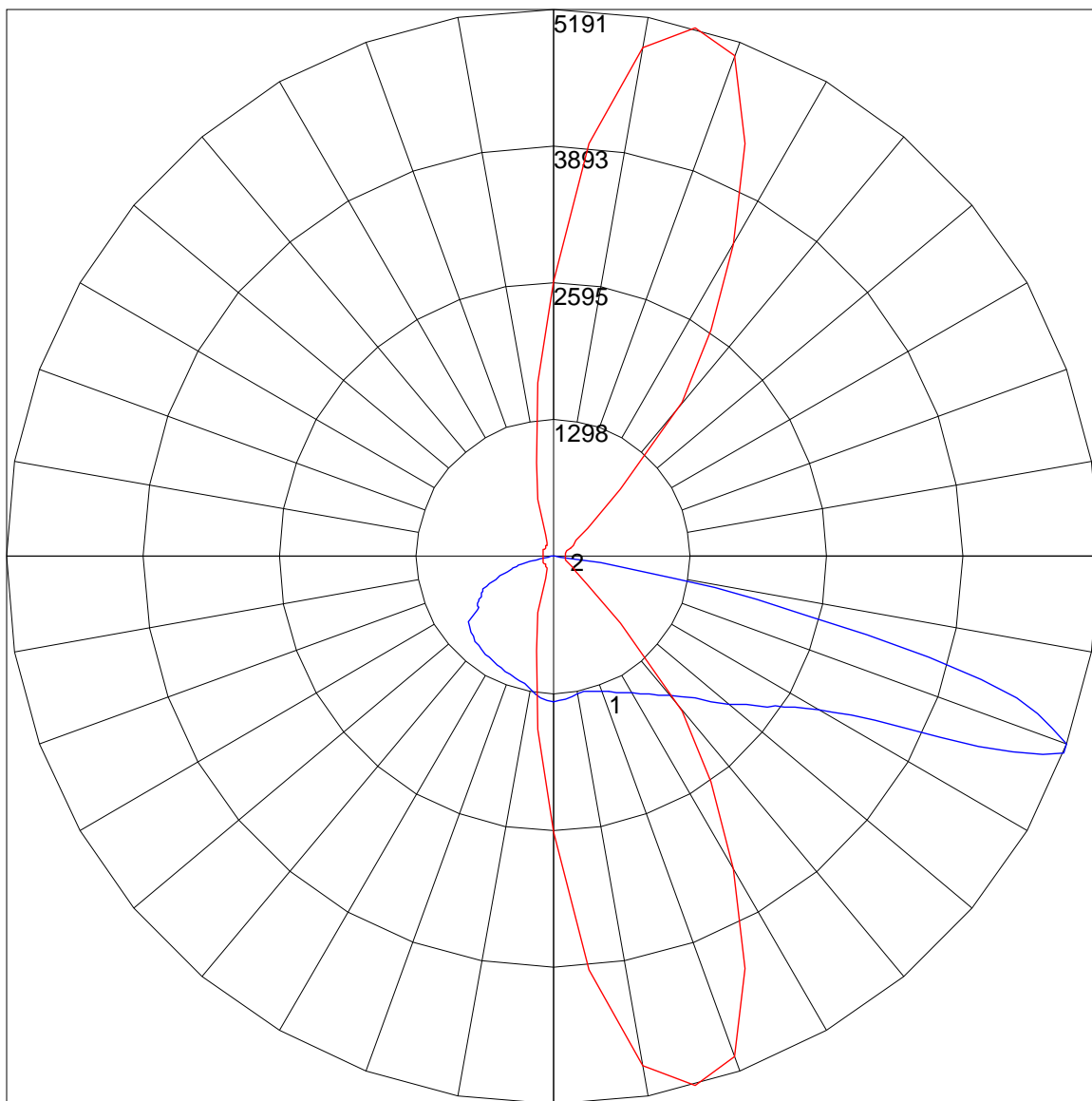
LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	607.1	N.A.	9.8
FM - Front-Medium (30-60)	2564.9	N.A.	41.3
FH - Front-High (60-80)	1641.7	N.A.	26.4
FVH - Front-Very High (80-90)	45.3	N.A.	0.7
BL - Back-Low (0-30)	396.1	N.A.	6.4
BM - Back-Medium (30-60)	622.8	N.A.	10.0
BH - Back-High (60-80)	319.5	N.A.	5.1
BVH - Back-Very High (80-90)	16.2	N.A.	0.3
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0

Total	6213.6	N.A.	100.0
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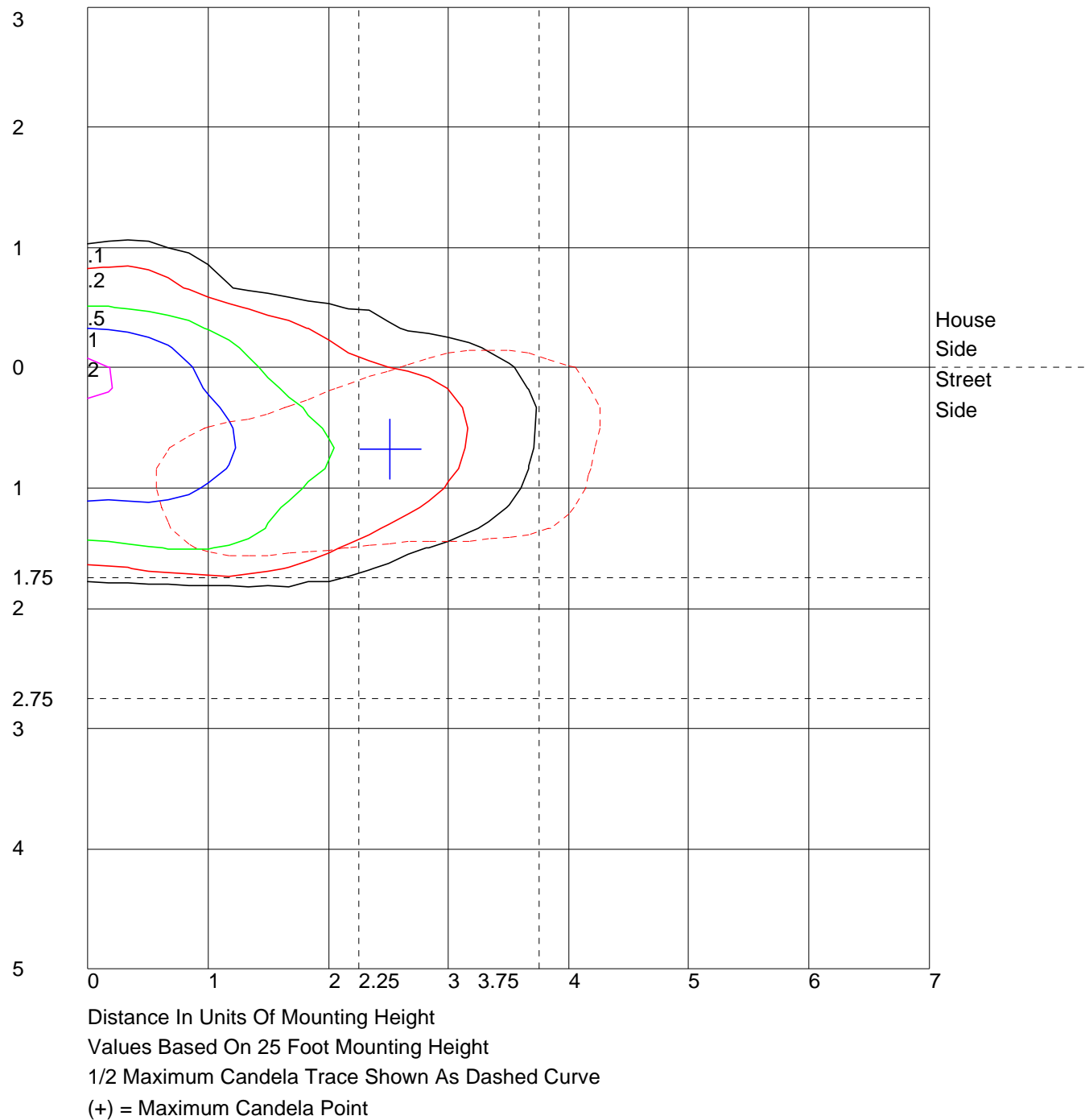
BUG Rating	B1-U0-G1
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POLAR GRAPH

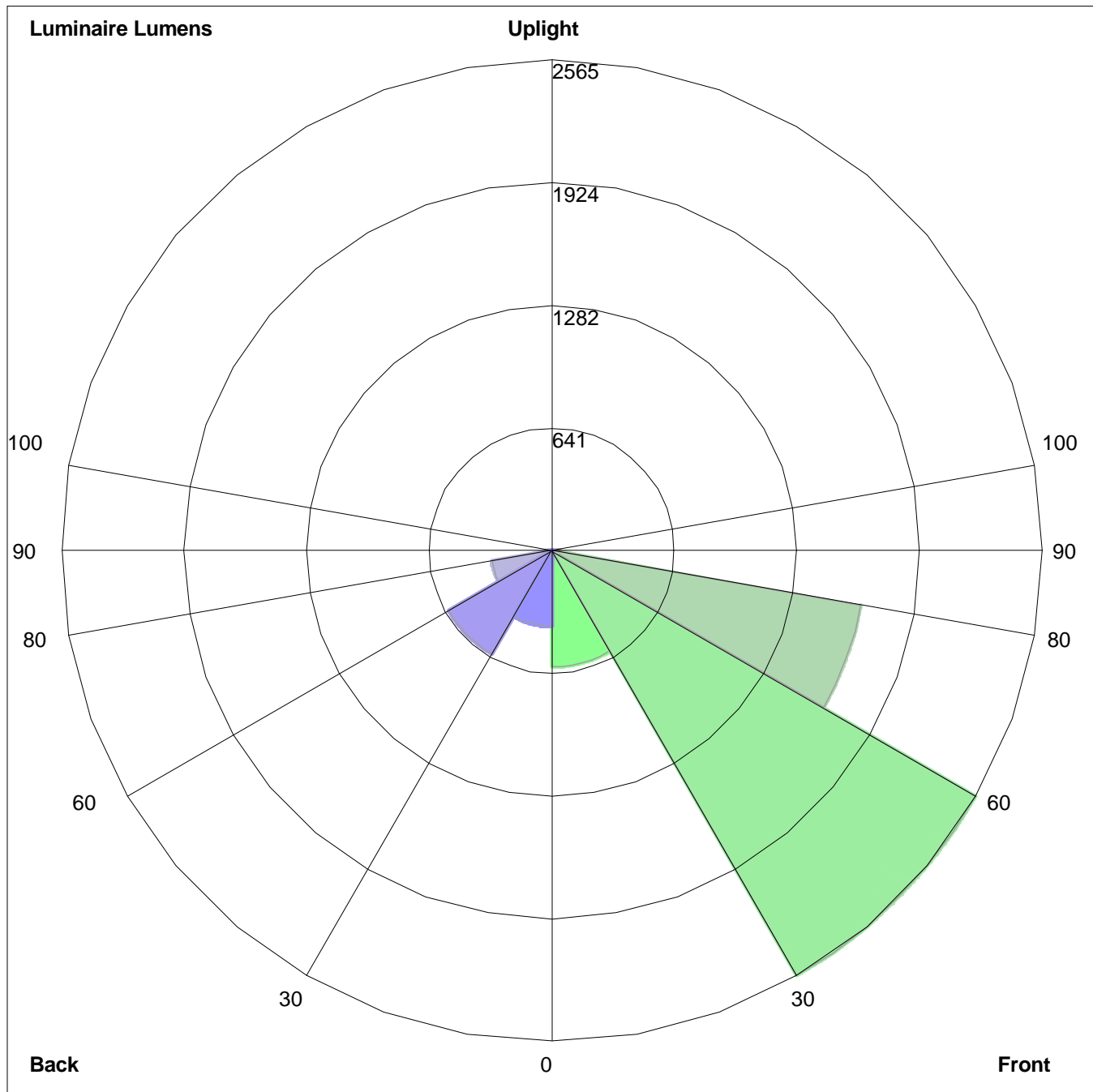


Maximum Candela = 5190.718 Located At Horizontal Angle = 75, Vertical Angle = 69
1 - Vertical Plane Through Horizontal Angles (75 - 255) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (69) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=607.1, Medium=2564.9, High=1641.7, Very High=45.3
Back: Low=396.1, Medium=622.8, High=319.5, Very High=16.2
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G1