



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCJ2-20H-MV-CW-5-XX-900 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from GCJ2-20H-MV-CW-5-XX-1A, L091603905

[ISSUEDATE] 9/30/2016

[MANUFAC] Leotek Electronics USA, LLC

[LUMCAT] GCJ2-20H-MV-CW-5-XX-900 S

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

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6573
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	113
Total Luminaire Watts	58.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	2605.077
Maximum Candela Angle	50H 66.5V
Maximum Candela (<90 Degrees Vertical)	2605.077
Maximum Candela Angle (<90 Degrees Vertical)	50H 66.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	103.886 (1.6% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

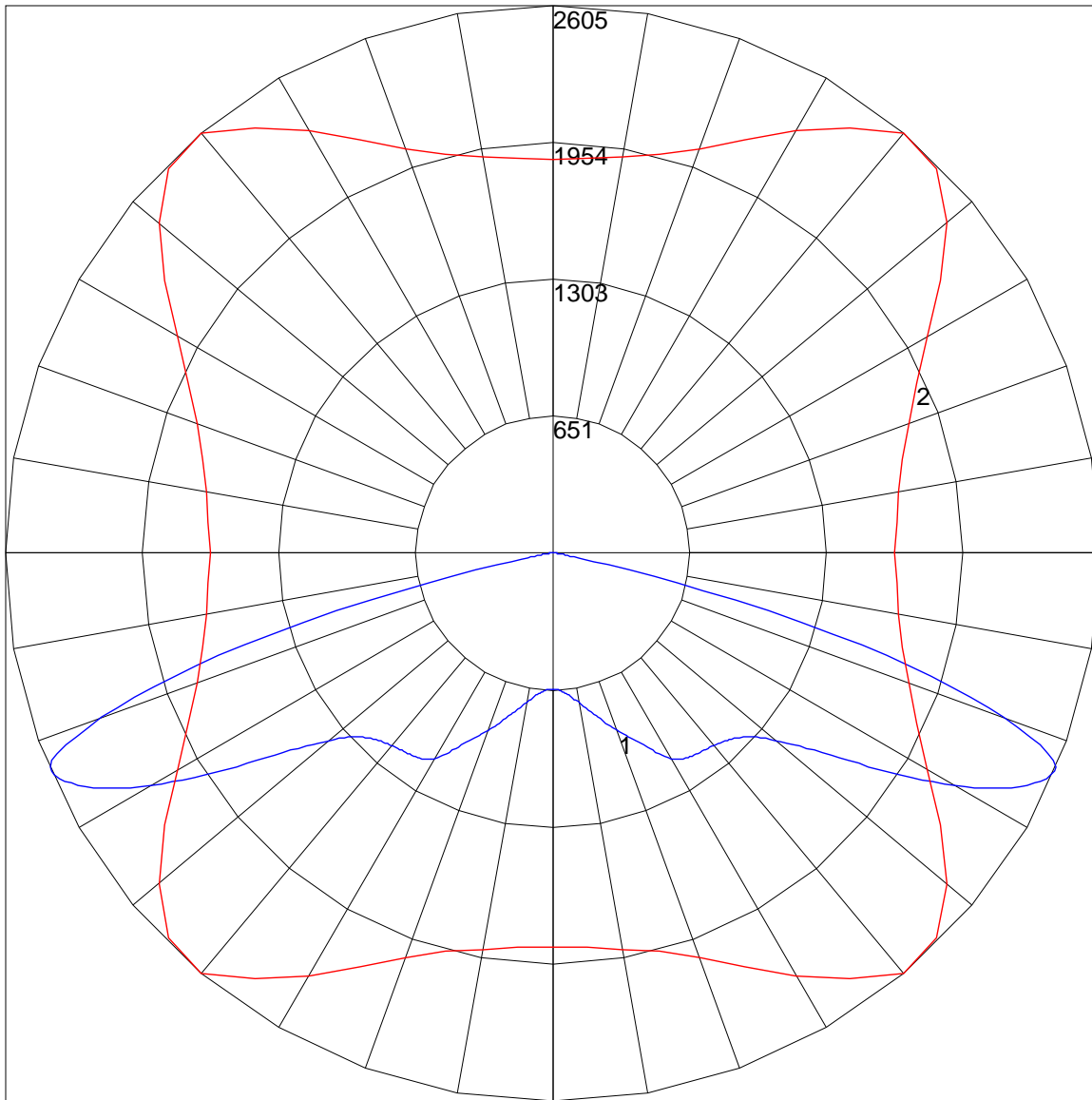
LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	368.7	N.A.	5.6
FM - Front-Medium (30-60)	1525.2	N.A.	23.2
FH - Front-High (60-80)	1377.2	N.A.	21.0
FVH - Front-Very High (80-90)	15.2	N.A.	0.2
BL - Back-Low (0-30)	368.7	N.A.	5.6
BM - Back-Medium (30-60)	1525.2	N.A.	23.2
BH - Back-High (60-80)	1377.2	N.A.	21.0
BVH - Back-Very High (80-90)	15.2	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	6572.6	N.A.	100.0
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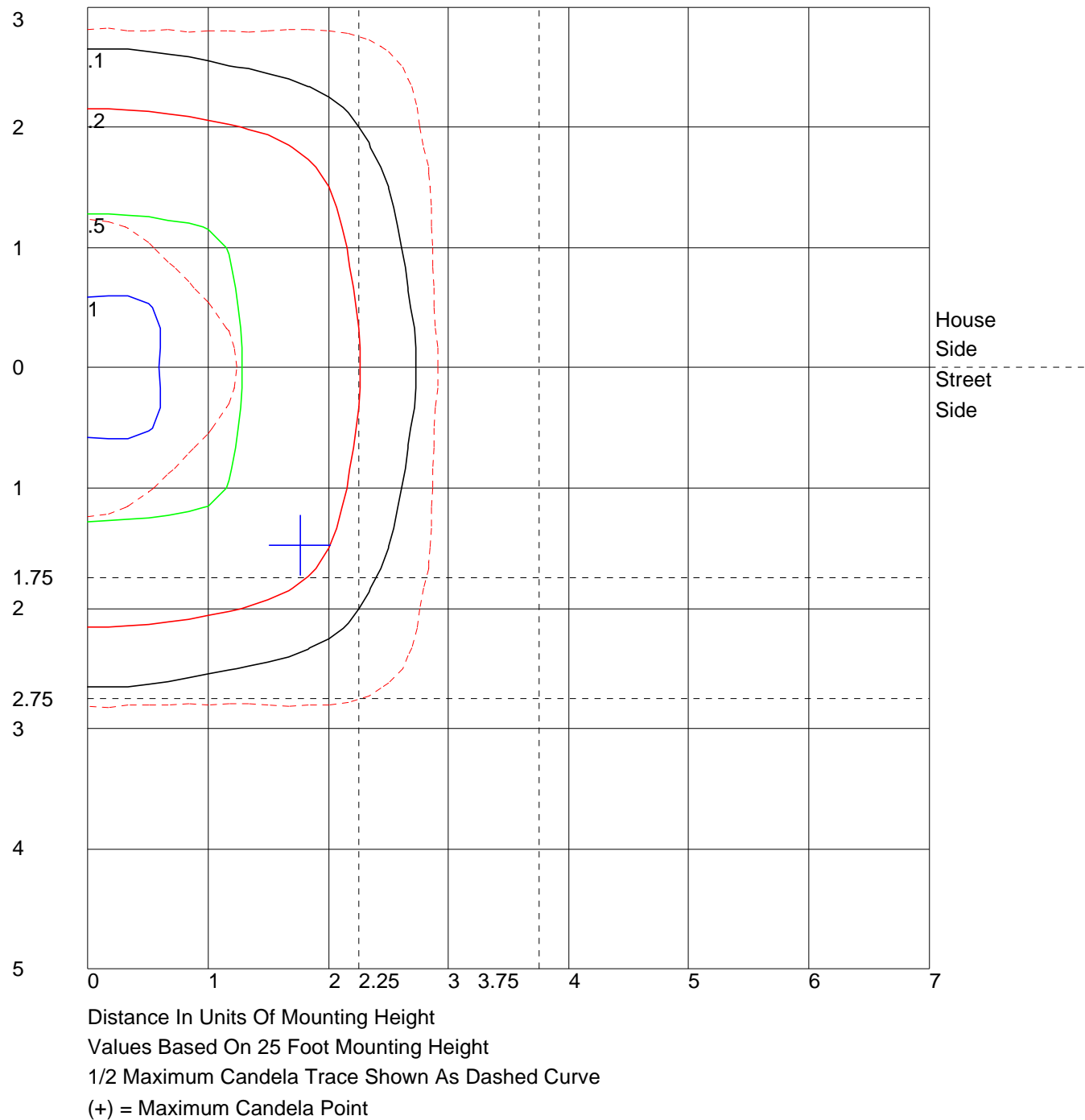
BUG Rating	B3-U0-G1
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POLAR GRAPH

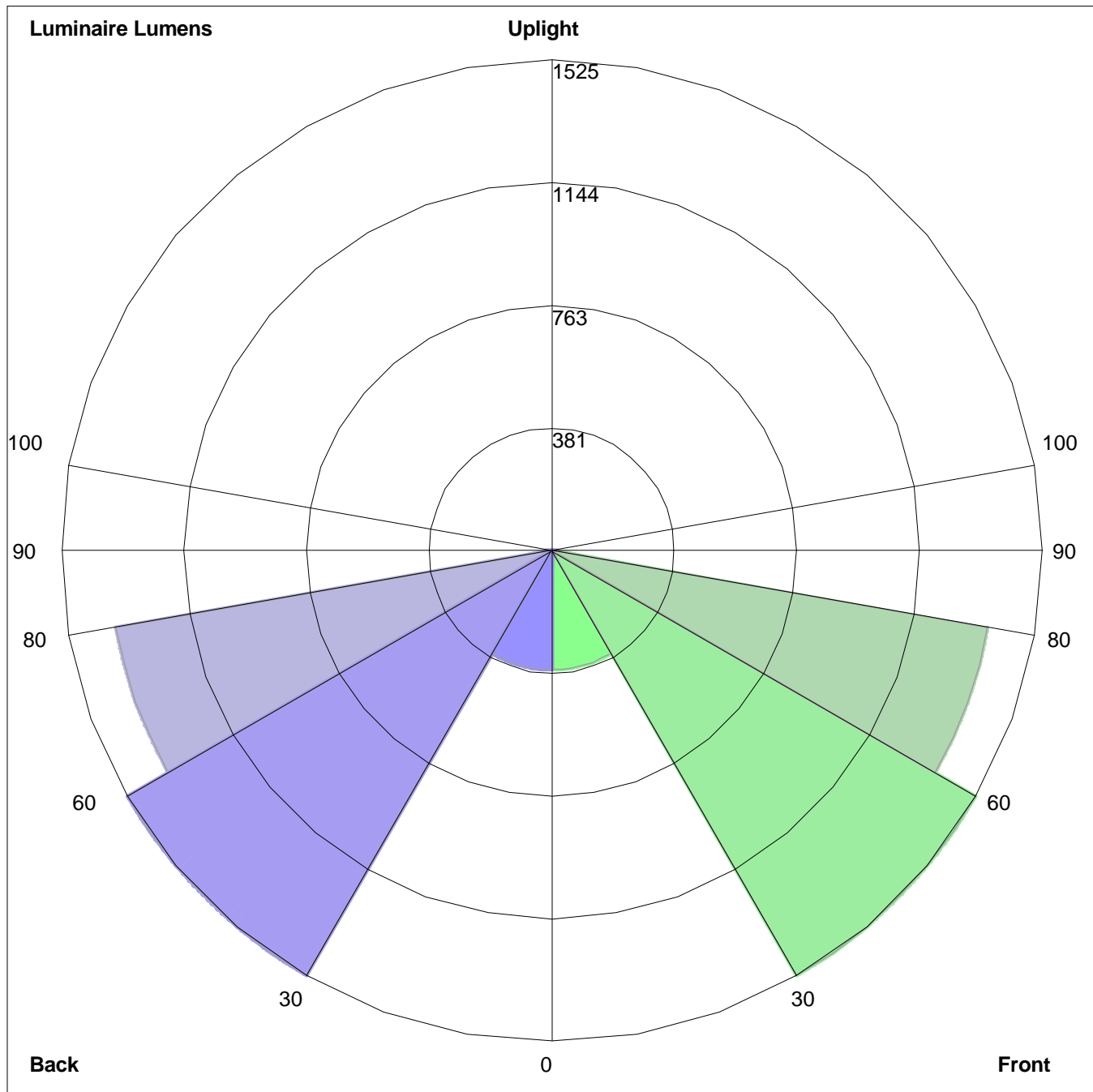


Maximum Candela = 2605.077 Located At Horizontal Angle = 50, Vertical Angle = 66.5
1 - Vertical Plane Through Horizontal Angles (50 - 230) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (66.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=368.7, Medium=1525.2, High=1377.2, Very High=15.2
Back: Low=368.7, Medium=1525.2, High=1377.2, Very High=15.2
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G1