



**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

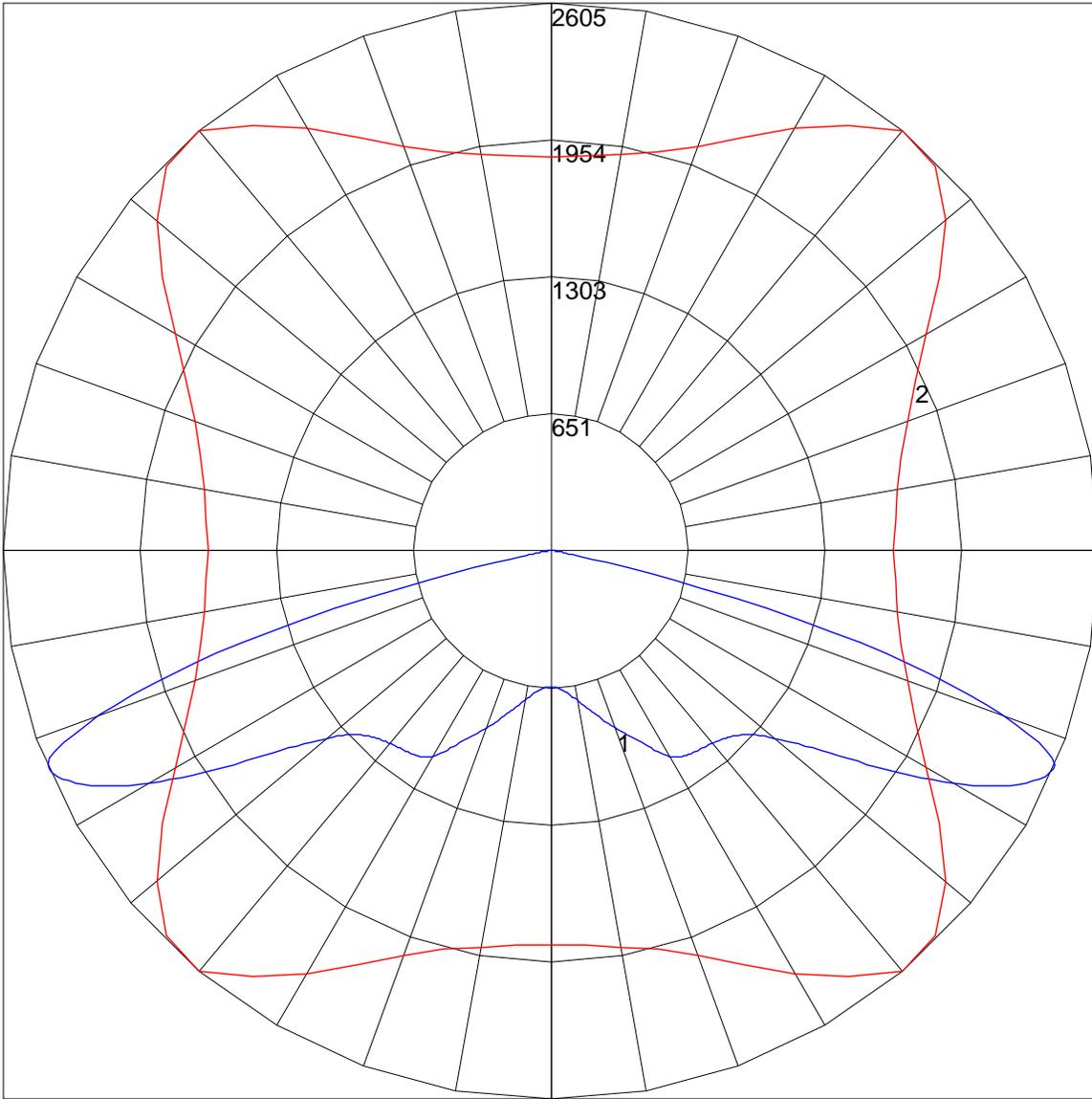
**CHARACTERISTICS**

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)**

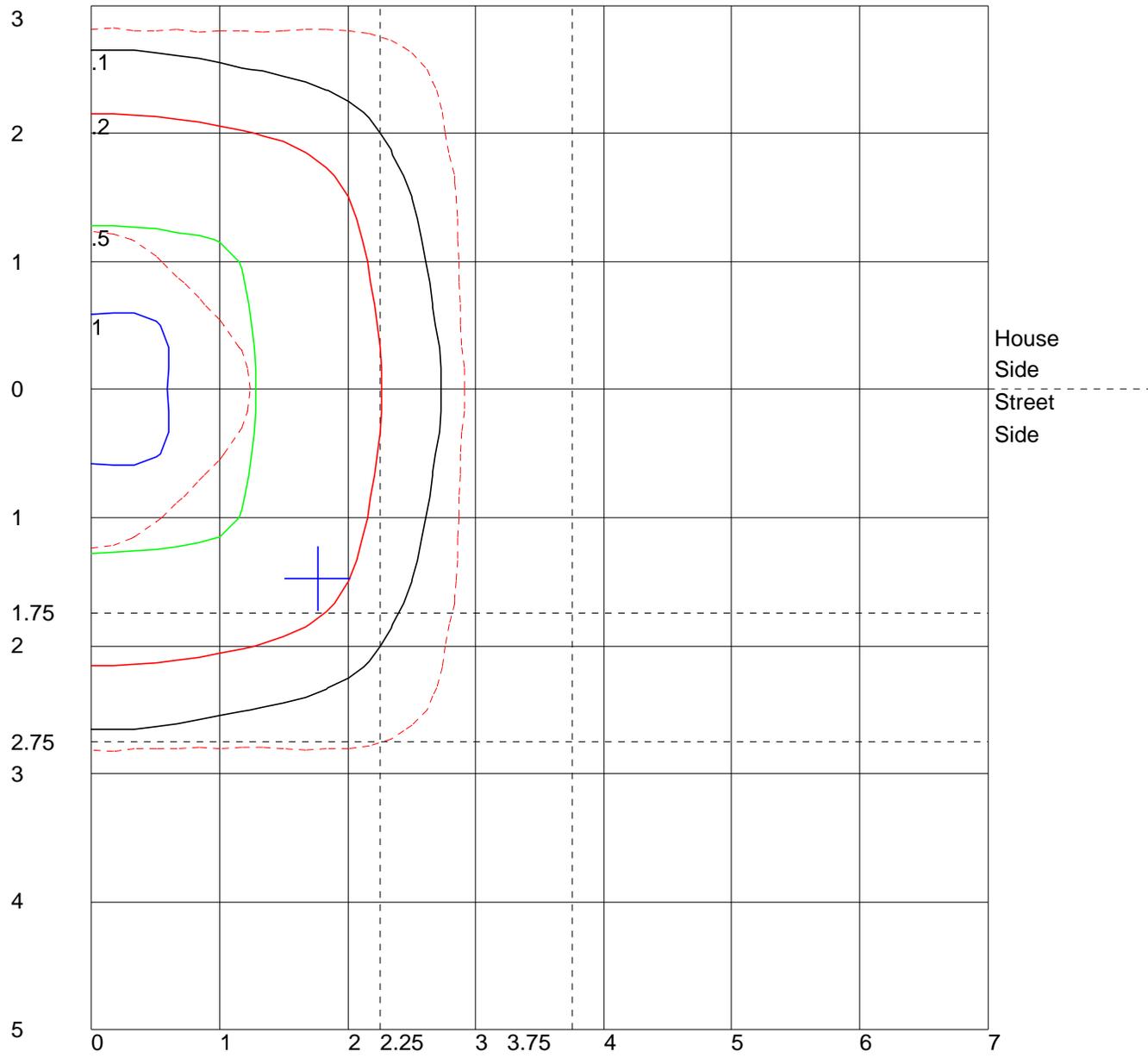
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	368.7	N.A.	5.6
FM - Front-Medium (30-60)	1525.2	N.A.	23.2
FH - Front-High (60-80)	1377.2	N.A.	21.0
FVH - Front-Very High (80-90)	15.2	N.A.	0.2
BL - Back-Low (0-30)	368.7	N.A.	5.6
BM - Back-Medium (30-60)	1525.2	N.A.	23.2
BH - Back-High (60-80)	1377.2	N.A.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

POLAR GRAPH



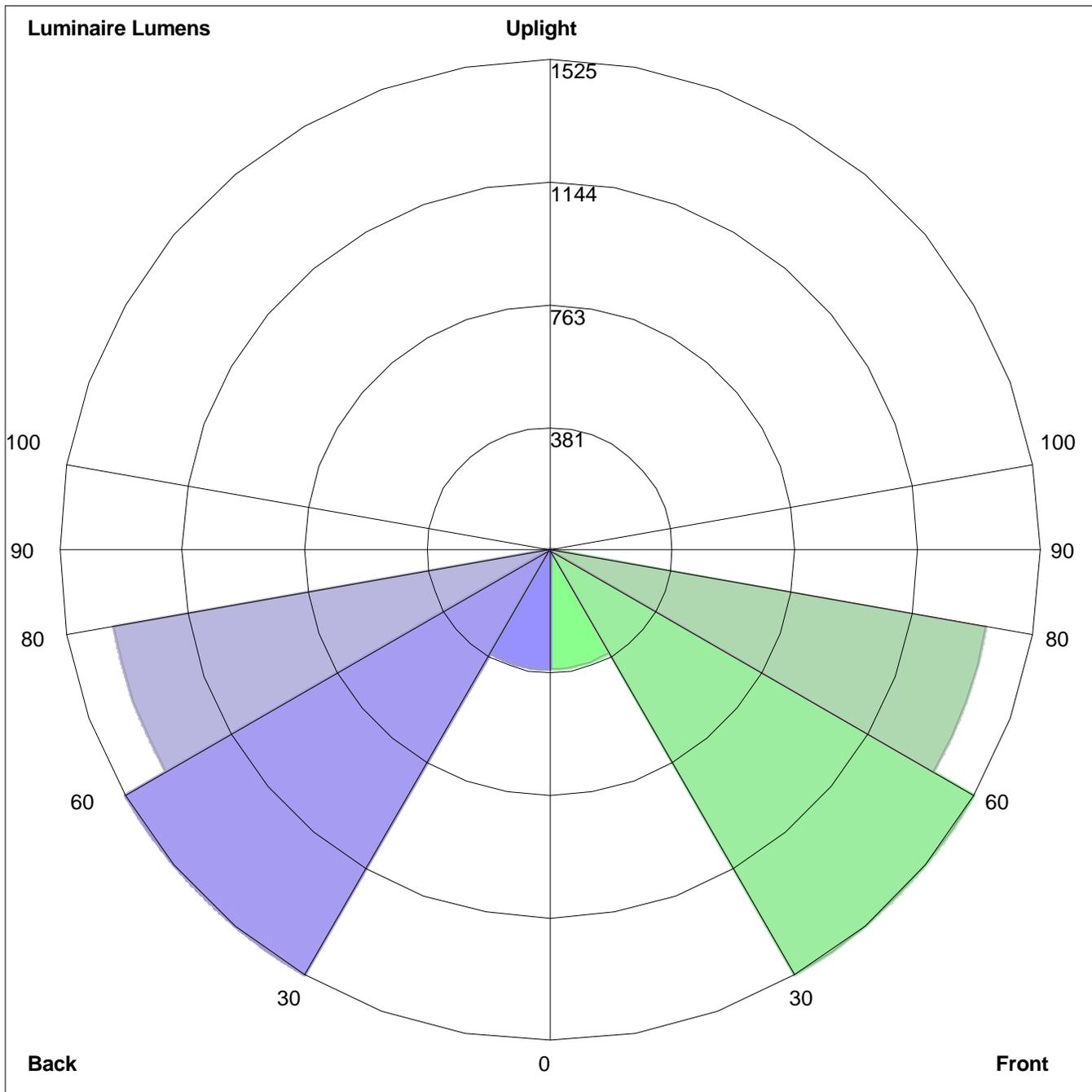
Maximum Candela = 2605.077 Located At Horizontal Angle = 50, Vertical Angle = 66.5  
# 1 - Vertical Plane Through Horizontal Angles (50 - 230) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (66.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



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=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