



**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  
 [ISSUEDATE] 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

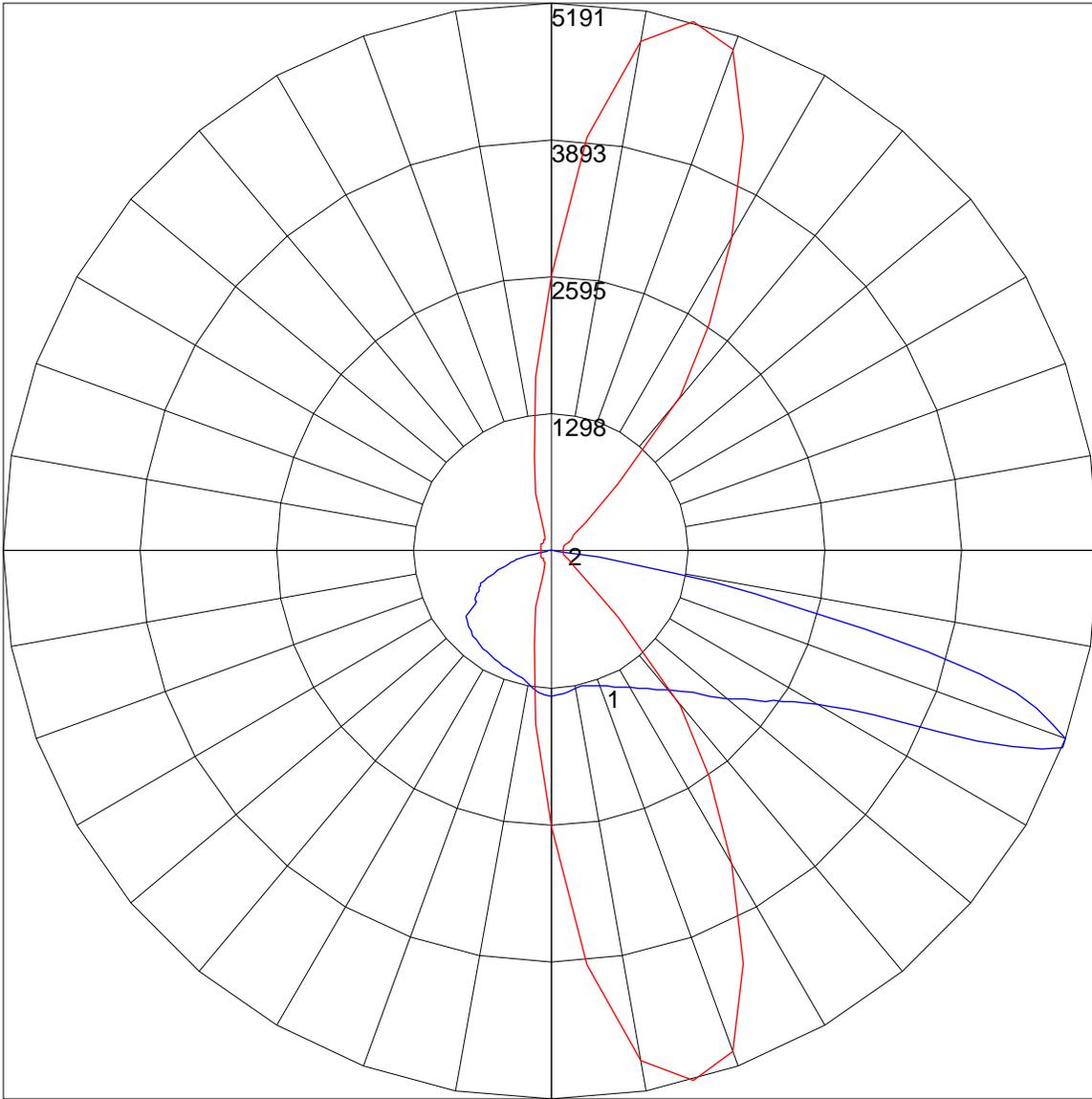
**CHARACTERISTICS**

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)**

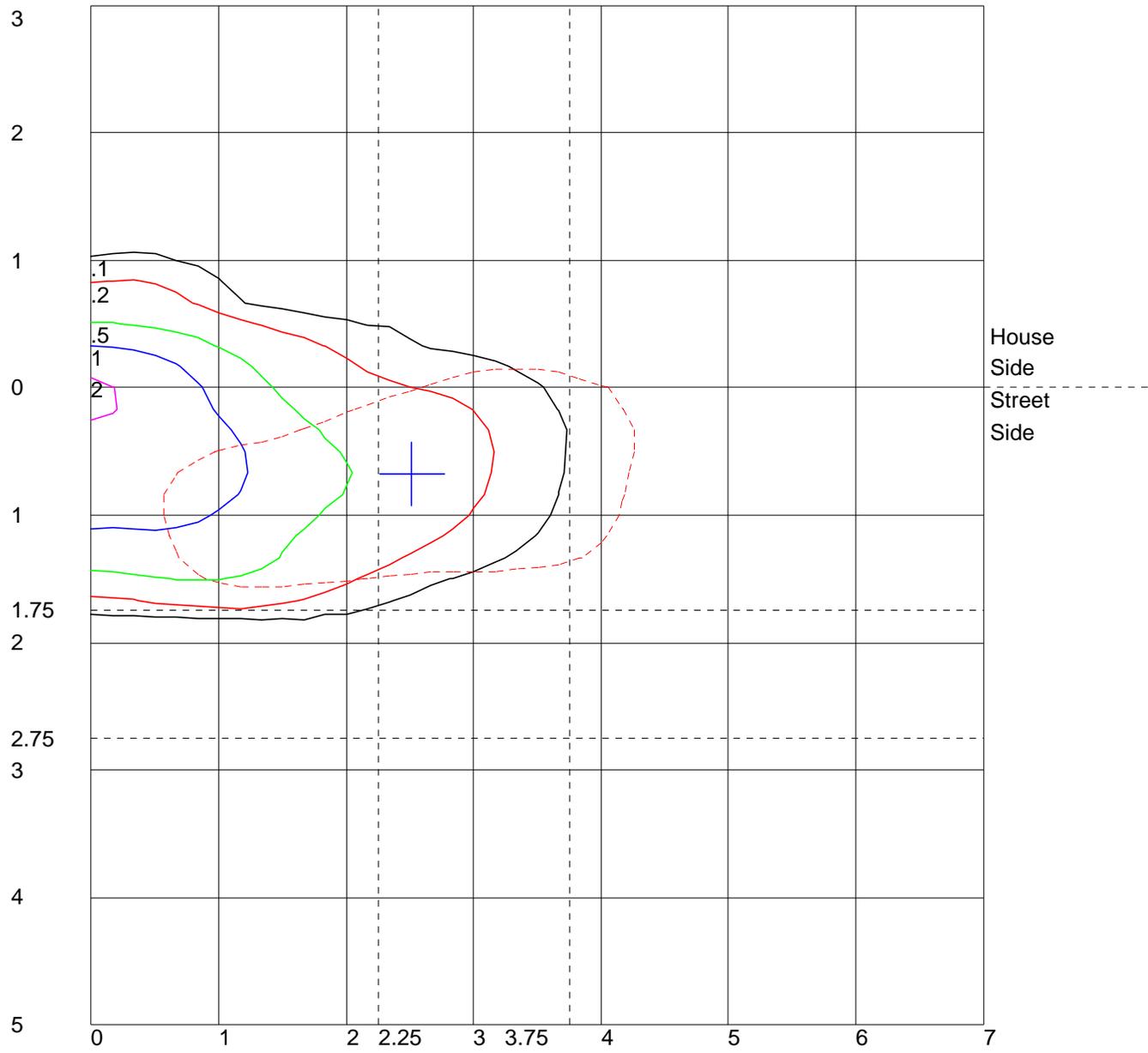
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	607.1	N.A.	9.8
FM - Front-Medium (30-60)	2564.9	N.A.	41.3
FH - Front-High (60-80)	1641.7	N.A.	26.4
FVH - Front-Very High (80-90)	45.3	N.A.	0.7
BL - Back-Low (0-30)	396.1	N.A.	6.4
BM - Back-Medium (30-60)	622.8	N.A.	10.0
BH - Back-High (60-80)	319.5	N.A.	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
<b>Total</b>	<b>6213.6</b>	<b>N.A.</b>	<b>100.0</b>
<b>BUG Rating</b>	<b>B1-U0-G1</b>		

POLAR GRAPH



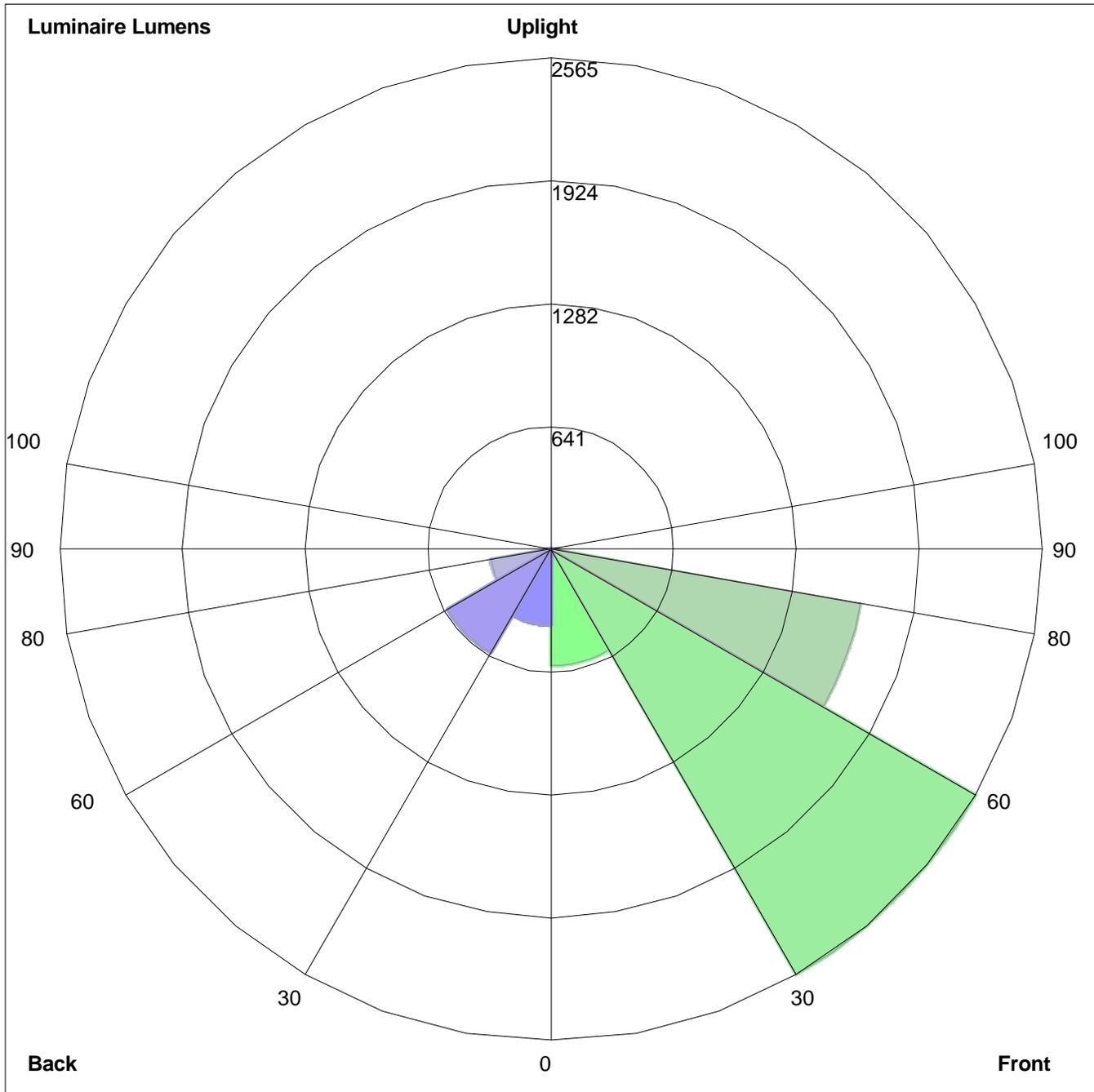
Maximum Candela = 5190.718 Located At Horizontal Angle = 75, Vertical Angle = 69  
# 1 - Vertical Plane Through Horizontal Angles (75 - 255) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (69) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



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=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