



**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : GCL2-80J-MV-40K-2R-XX-275 S.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TESTLAB] Scaled from NVLAP LM-79 for GCL2-80J-MV-40K-2R-XX-295  
 [ISSUEDATE] 6/19/2019  
 [MANUFAC] Leotek Electronics USA LLC  
 [LUMCAT] GCL2-80J-MV-40K-2R-XX-275 S

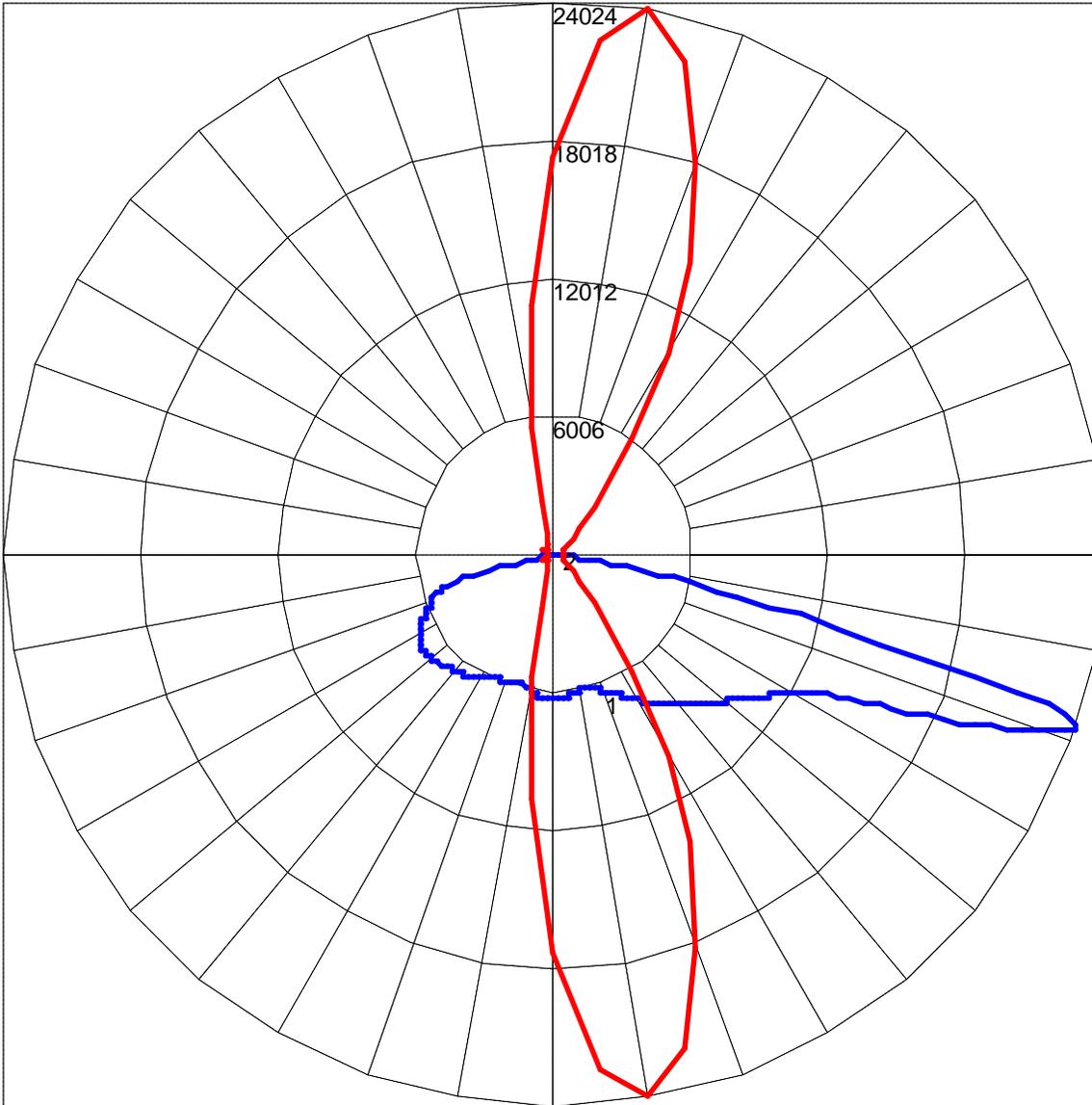
**CHARACTERISTICS**

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	27406
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	142
Total Luminaire Watts	193
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	24024.477
Maximum Candela Angle	80H 71.5V
Maximum Candela (<90 Degrees Vertical)	24024.477
Maximum Candela Angle (<90 Degrees Vertical)	80H 71.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3410.447 (12.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

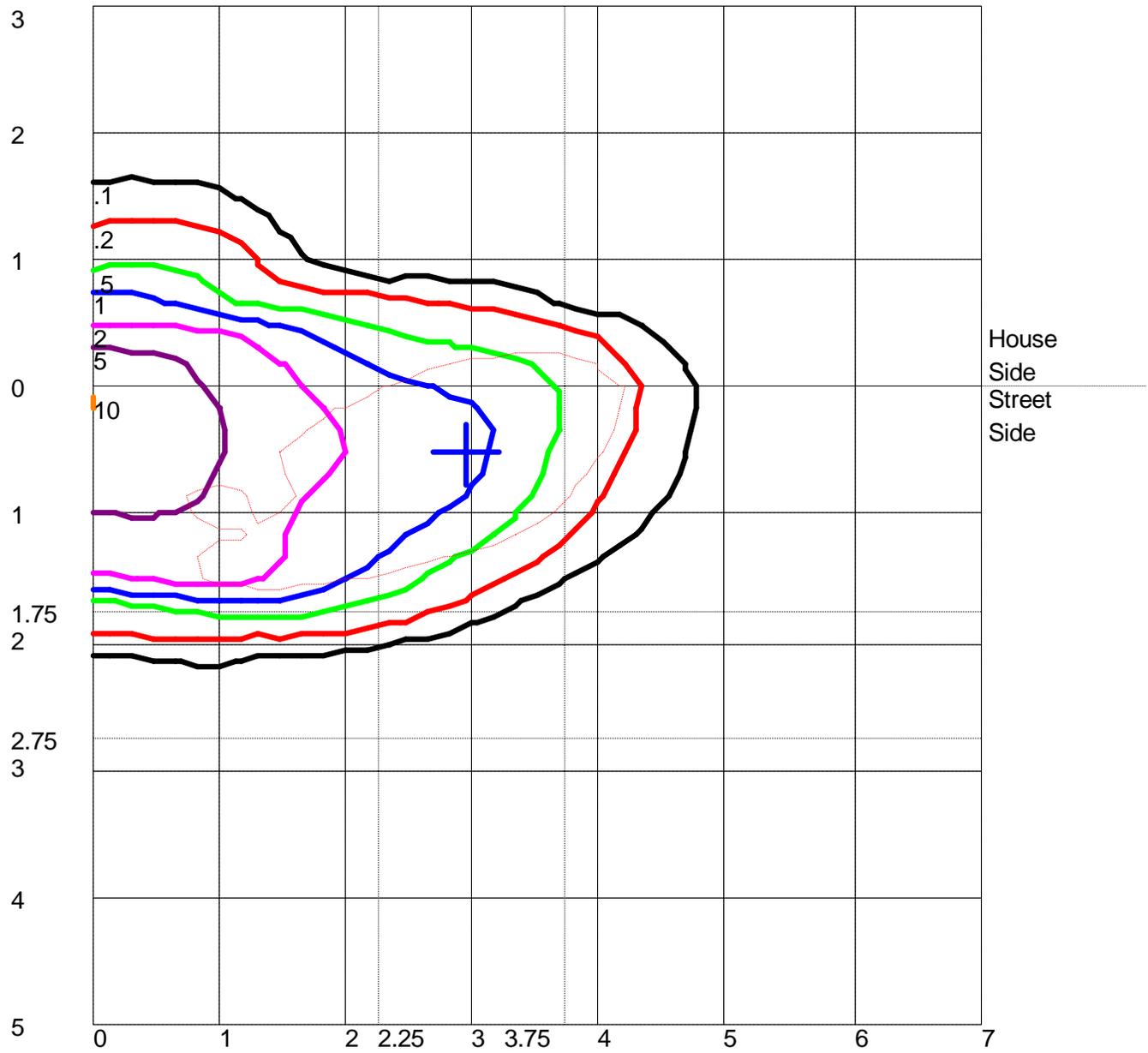
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2896.3	N.A.	10.6
FM - Front-Medium (30-60)	11159.7	N.A.	40.7
FH - Front-High (60-80)	6595.9	N.A.	24.1
FVH - Front-Very High (80-90)	136.7	N.A.	0.5
BL - Back-Low (0-30)	1903.2	N.A.	6.9
BM - Back-Medium (30-60)	3052.4	N.A.	11.1
BH - Back-High (60-80)	1618.5	N.A.	5.9
BVH - Back-Very High (80-90)	43.1	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
<b>Total</b>	<b>27405.8</b>	<b>N.A.</b>	<b>100.0</b>
BUG Rating	B3-U0-G3		

POLAR GRAPH



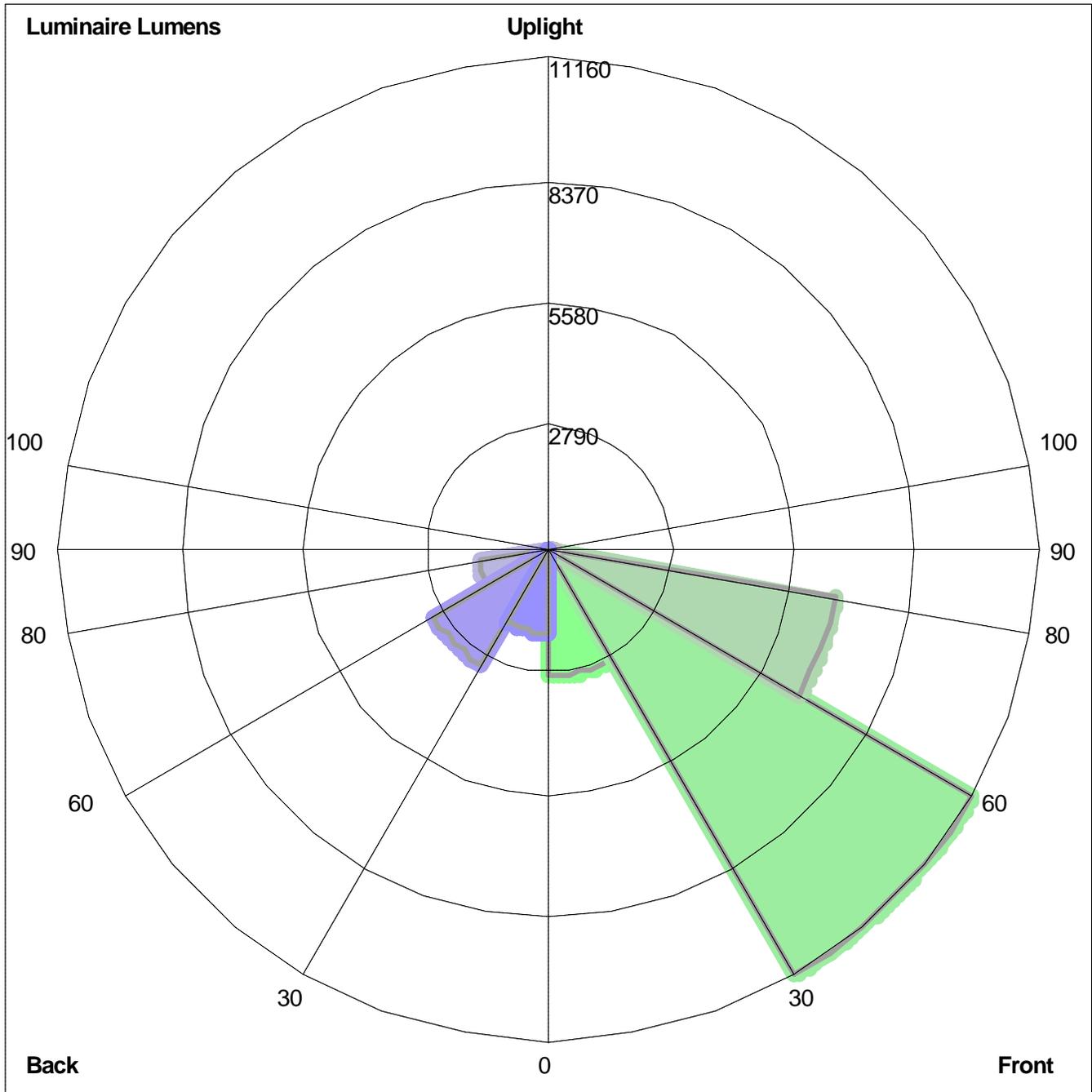
Maximum Candela = 24024.477 Located At Horizontal Angle = 80, Vertical Angle = 71.5  
# 1 - Vertical Plane Through Horizontal Angles (80 - 260) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (71.5) (Through Max. Cd.)

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=2896.3, Medium=11159.7, High=6595.9, Very High=136.7  
Back: Low=1903.2, Medium=3052.4, High=1618.5, Very High=43.1  
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3