



**IES ROAD REPORT**

**PHOTOMETRIC FILENAME : GCM3-60J-MV-27K-3F-XX-175 S.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TESTLAB] Scaled from NVLAP LM-79 for GCM3-60J-MV-30K-3F-XX-180  
 [ISSUEDATE] 7/3/2019  
 [MANUFAC] Leotek Electronics USA LLC  
 [LUMCAT] GCM3-60J-MV-27K-3F-XX-175

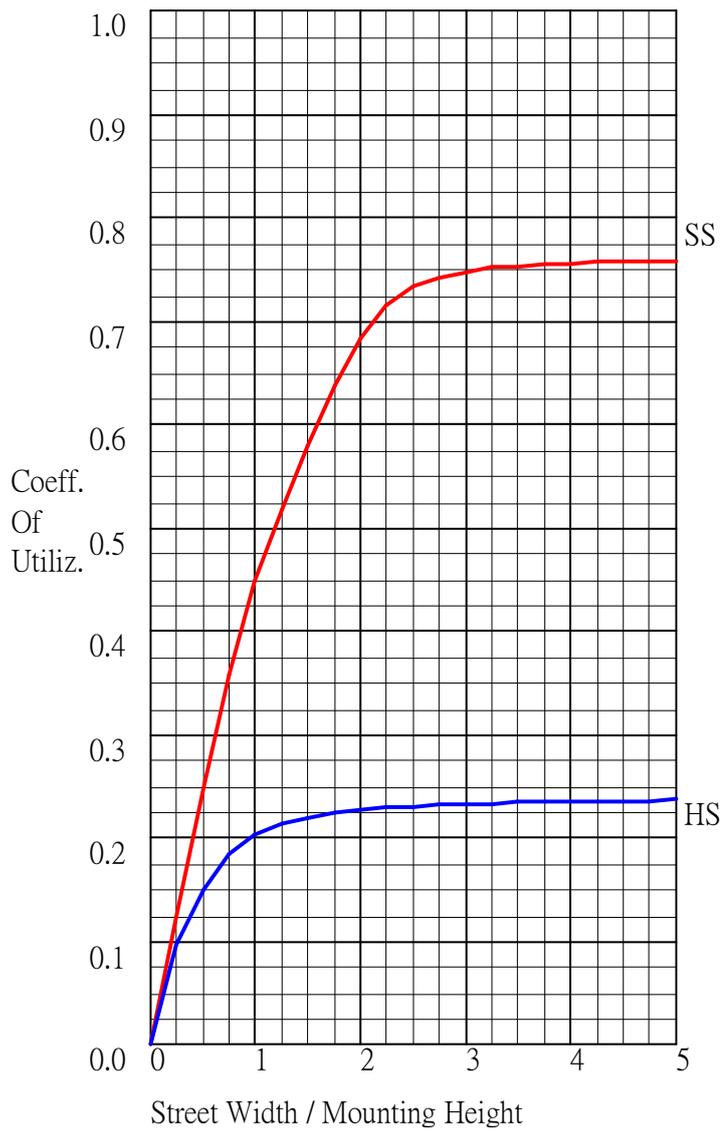
**CHARACTERISTICS**

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	17687
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	133
Total Luminaire Watts	133
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	9950.589
Maximum Candela Angle	0H 59V
Maximum Candela (<90 Degrees Vertical)	9950.589
Maximum Candela At 90 Degrees Vertical)	0H 59V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	739.827 (4.2% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1889.8	N.A.	10.7
FM - Front-Medium (30-60)	6522.5	N.A.	36.9
FH - Front-High (60-80)	4985.4	N.A.	28.2
FVH - Front-Very High (80-90)	75.1	N.A.	0.4
BL - Back-Low (0-30)	1179.8	N.A.	6.7
BM - Back-Medium (30-60)	2033.6	N.A.	11.5
BH - Back-High (60-80)	969.1	N.A.	5.5
BVH - Back-Very High (80-90)	31.4	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>17686.7</b>	<b>N.A.</b>	<b>100.0</b>
BUG Rating	B3-U0-G2		

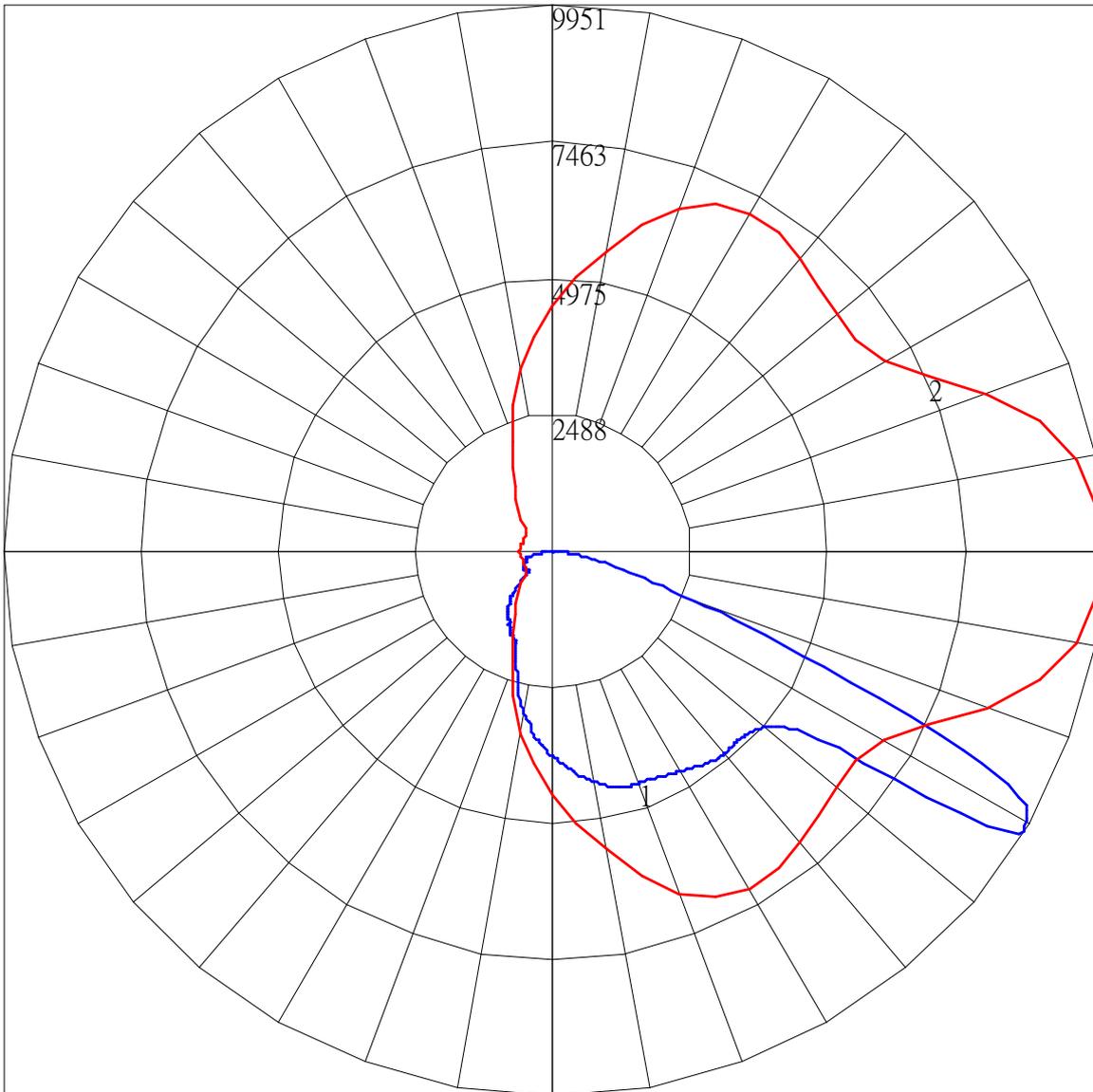
**COEFFICIENTS OF UTILIZATION**



**FLUX DISTRIBUTION**

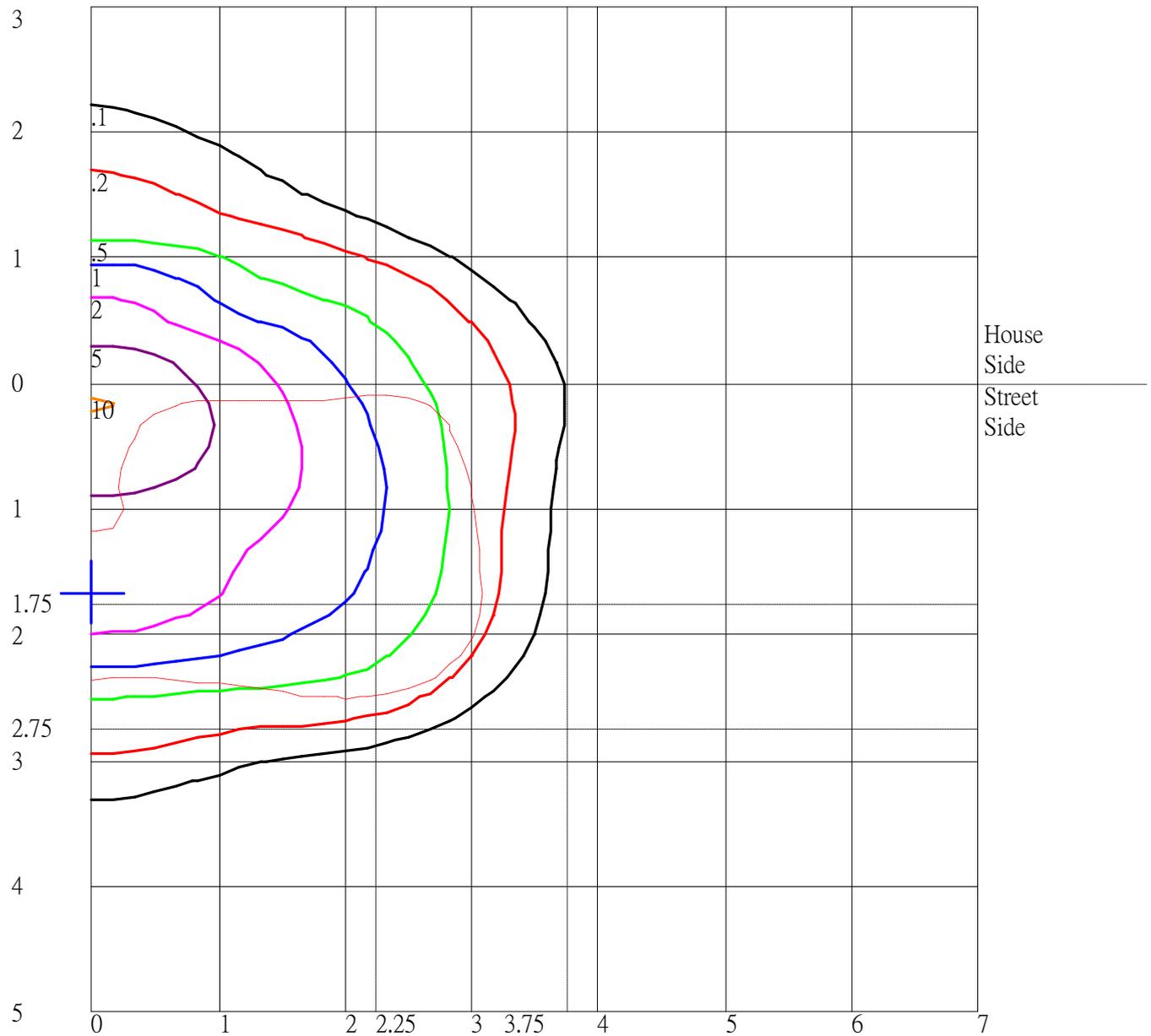
	Lumens	Percent Of Luminaire
Downward Street Side	13472.9	76.2
Downward House Side	4213.8	23.8
Downward Total	17686.7	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
<b>Total Flux</b>	<b>17686.7</b>	<b>100.0</b>

POLAR GRAPH



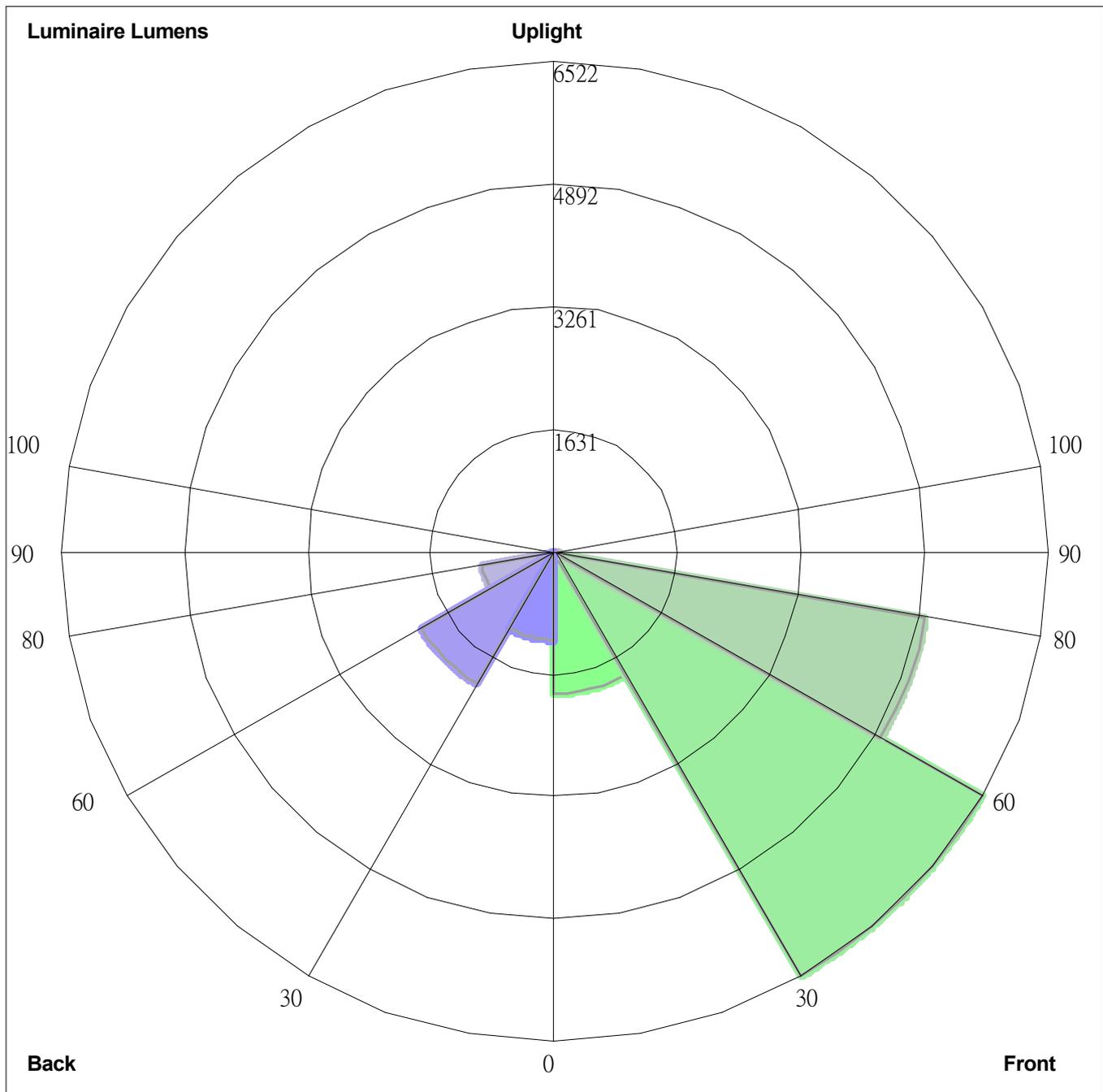
Maximum Candela = 9950.589 Located At Horizontal Angle = 0, Vertical Angle = 59  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (59) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height  
 Values Based On 20 Foot Mounting Height  
 1/2 Maximum Candela Trace Shown As Dashed Curve  
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1889.8, Medium=6522.5, High=4985.4, Very High=75.1  
Back: Low=1179.8, Medium=2033.6, High=969.1, Very High=31.4  
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G2