



## IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM1-60J-MV-27K-3R-XX-110 S.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM1-60J-MV-30K-3R-XX-125

[ISSUEDATE] 9/25/2020

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM1-60J-MV-27K-3R-XX-110

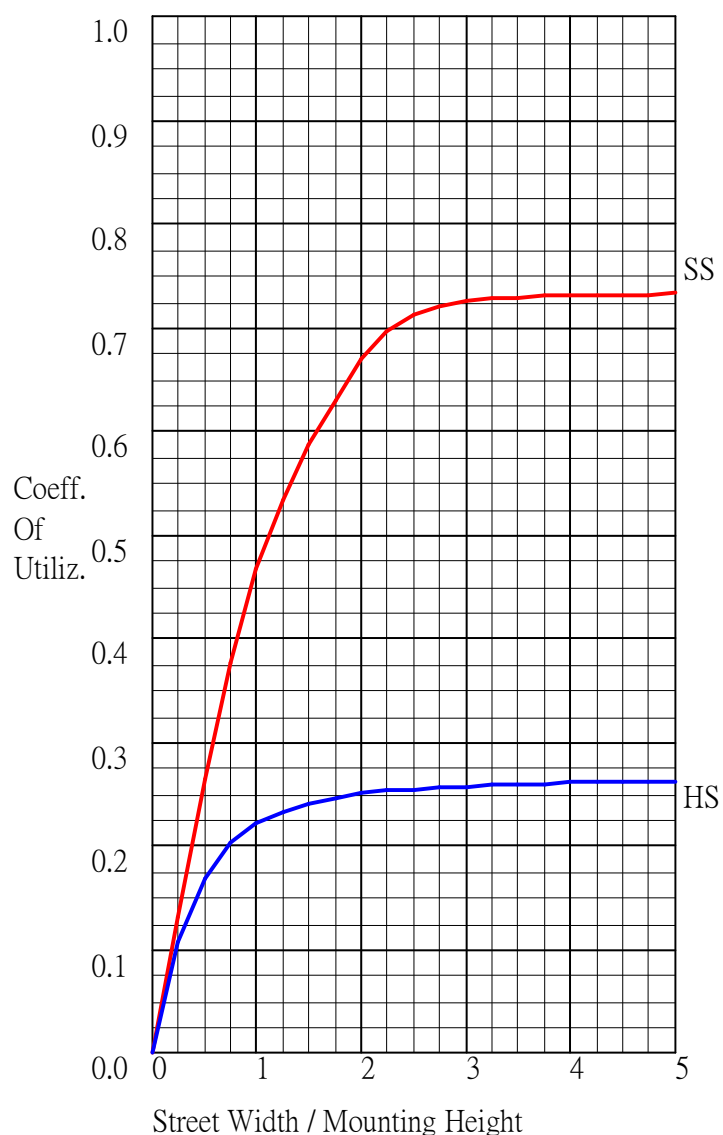
### CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	10912
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	152
Total Luminaire Watts	72
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4973.279
Maximum Candela Angle	65H 72.5V
Maximum Candela (<90 Degrees Vertical)	4973.279
Maximum Candela Angle (<90 Degrees Vertical)	65H 72.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1358.397 (12.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

### LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1194.1	N.A.	10.9
FM - Front-Medium (30-60)	3862.4	N.A.	35.4
FH - Front-High (60-80)	2887.4	N.A.	26.5
FVH - Front-Very High (80-90)	77.8	N.A.	0.7
BL - Back-Low (0-30)	722.5	N.A.	6.6
BM - Back-Medium (30-60)	1420.3	N.A.	13.0
BH - Back-High (60-80)	709.8	N.A.	6.5
BVH - Back-Very High (80-90)	37.3	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
Total	10911.6	N.A.	100.0
BUG Rating	B2-U0-G2		

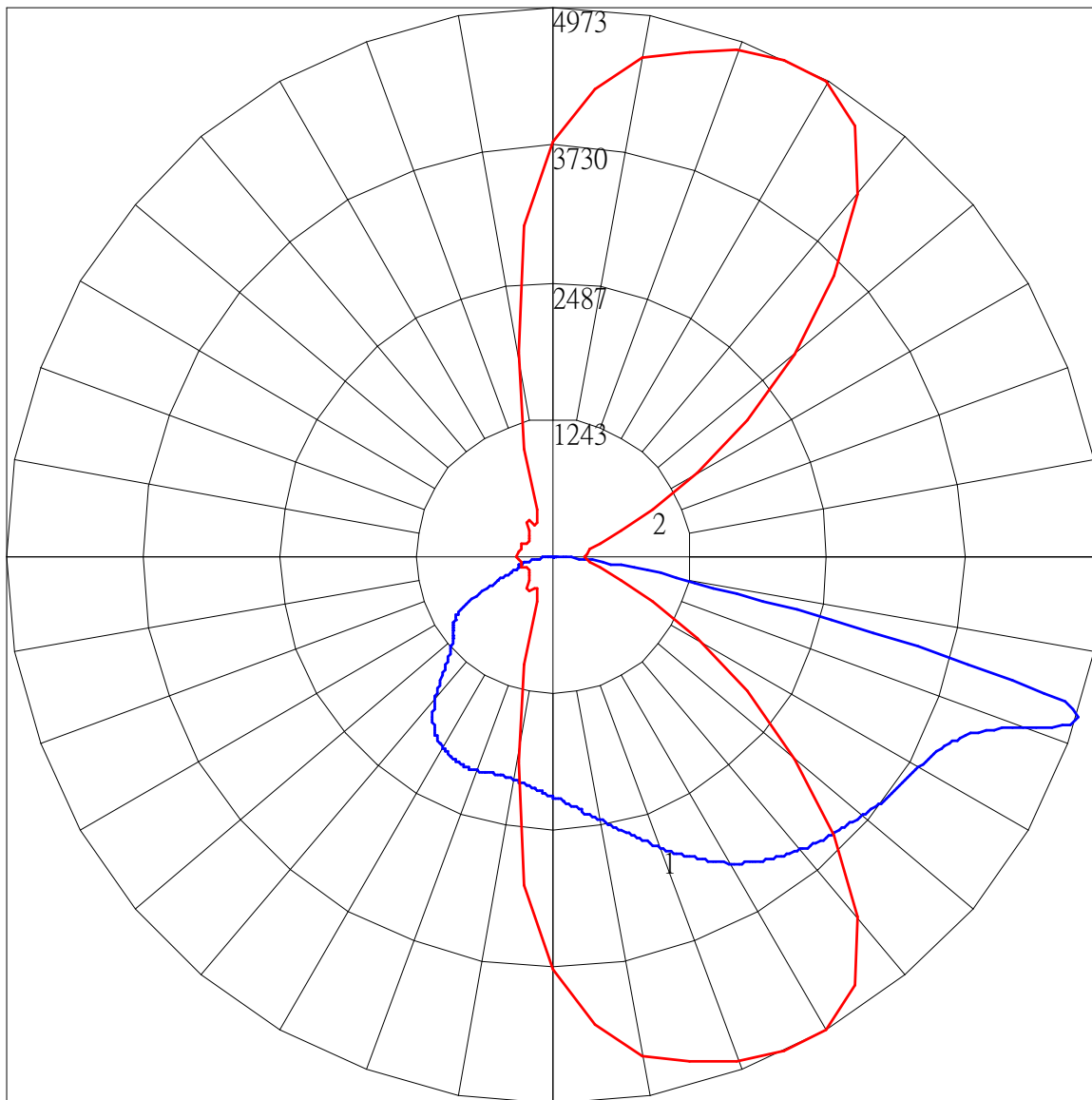
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	8021.7	73.5
Downward House Side	2889.9	26.5
Downward Total	10911.6	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	10911.6	100.0

POLAR GRAPH

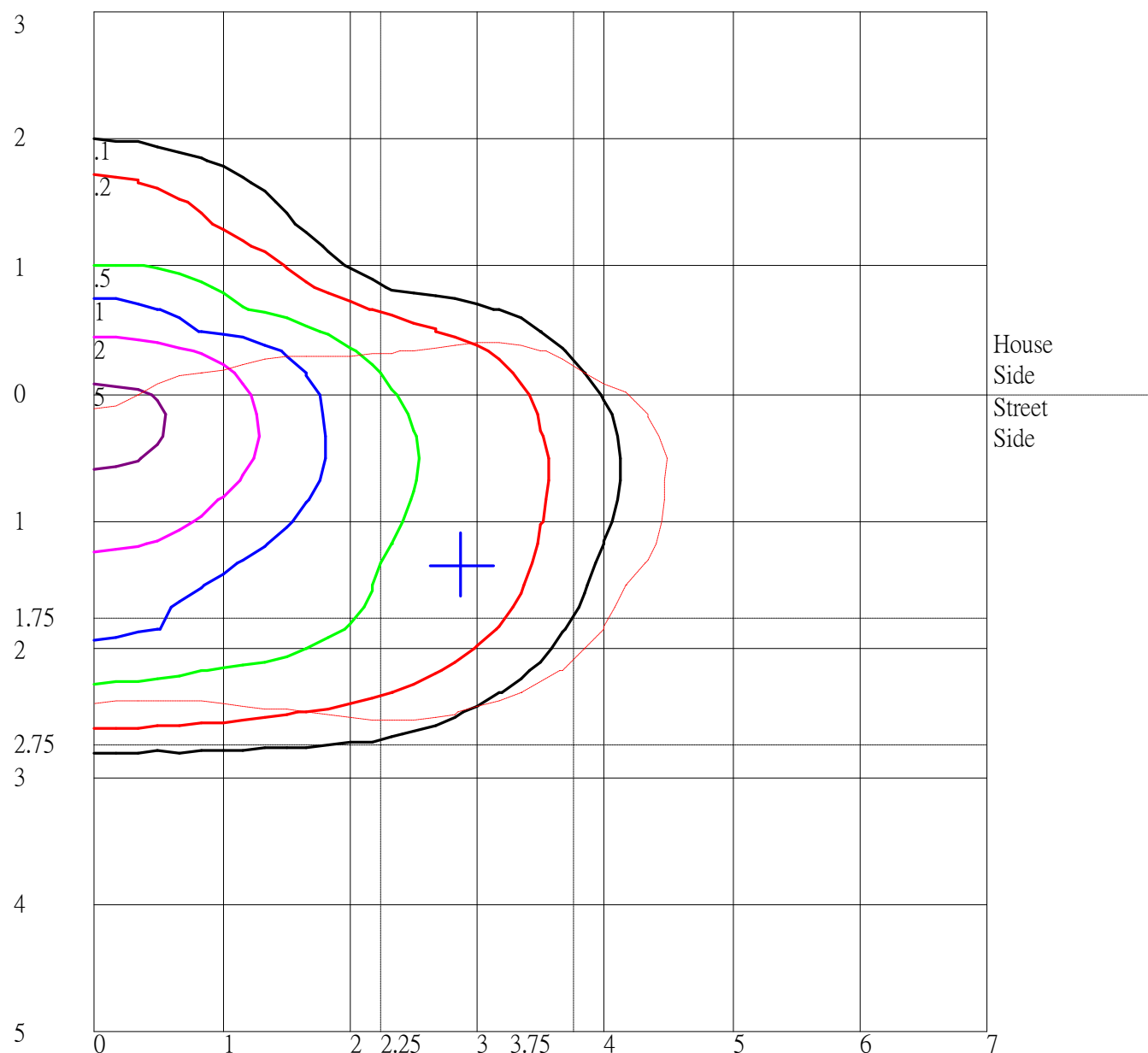


Maximum Candela = 4973.279 Located At Horizontal Angle = 65, Vertical Angle = 72.5

# 1 - Vertical Plane Through Horizontal Angles (65 - 245) (Through Max. Cd.)

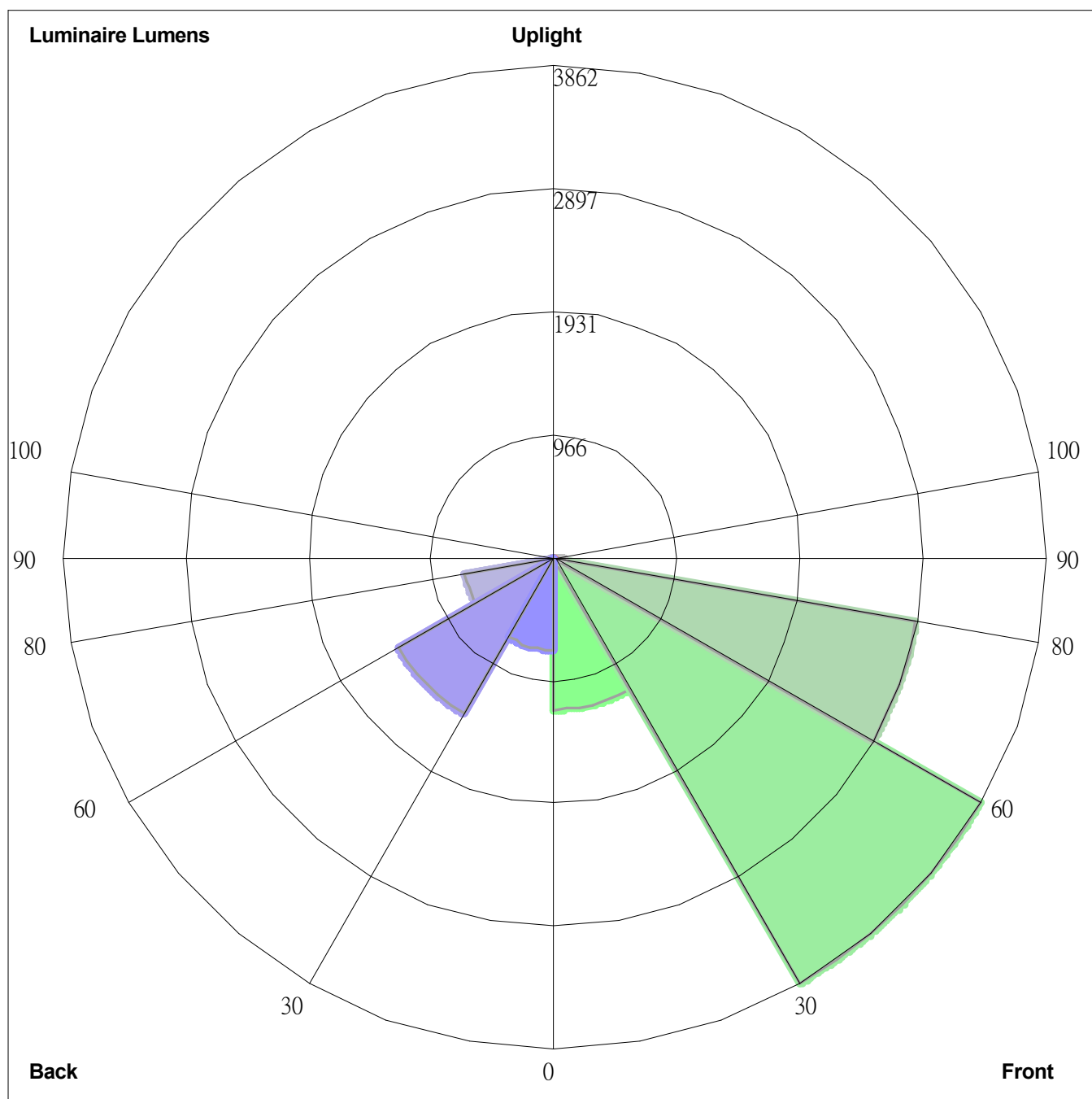
# 2 - Horizontal Cone Through Vertical Angle (72.5) (Through Max. Cd.)

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=1194.1, Medium=3862.4, High=2887.4, Very High=77.8  
Back: Low=722.5, Medium=1420.3, High=709.8, Very High=37.3  
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2