



## IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM1-60J-MV-27K-4-XX-090 S.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM1-60J-MV-30K-4-XX-090

[ISSUEDATE] 7/3/2019

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM1-60J-MV-27K-4-XX-090

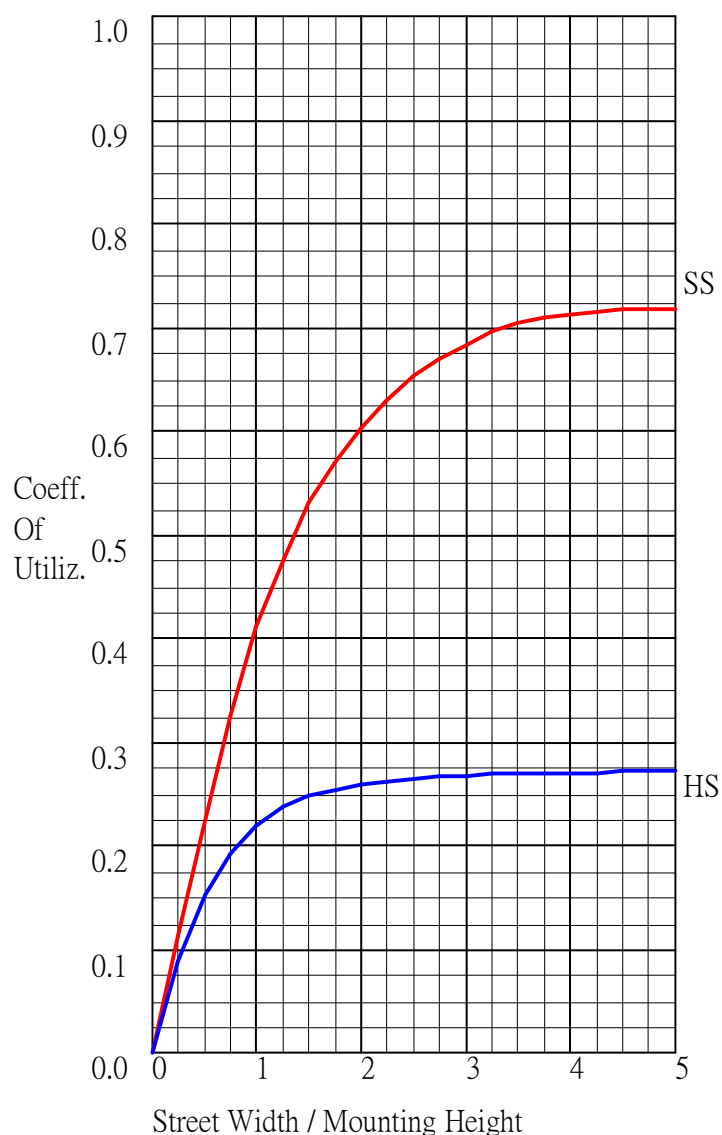
### CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	9262
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	157
Total Luminaire Watts	59
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	3550.734
Maximum Candela Angle	55H 64.5V
Maximum Candela (<90 Degrees Vertical)	3550.734
Maximum Candela Angle (<90 Degrees Vertical)	55H 64.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1523.511 (16.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

### LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	921.4	N.A.	9.9
FM - Front-Medium (30-60)	3045.8	N.A.	32.9
FH - Front-High (60-80)	2633.3	N.A.	28.4
FVH - Front-Very High (80-90)	95.3	N.A.	1.0
BL - Back-Low (0-30)	663.7	N.A.	7.2
BM - Back-Medium (30-60)	1266.5	N.A.	13.7
BH - Back-High (60-80)	578.7	N.A.	6.2
BVH - Back-Very High (80-90)	57.6	N.A.	0.6
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	9262.3	N.A.	100.0
BUG Rating	B2-U0-G2		

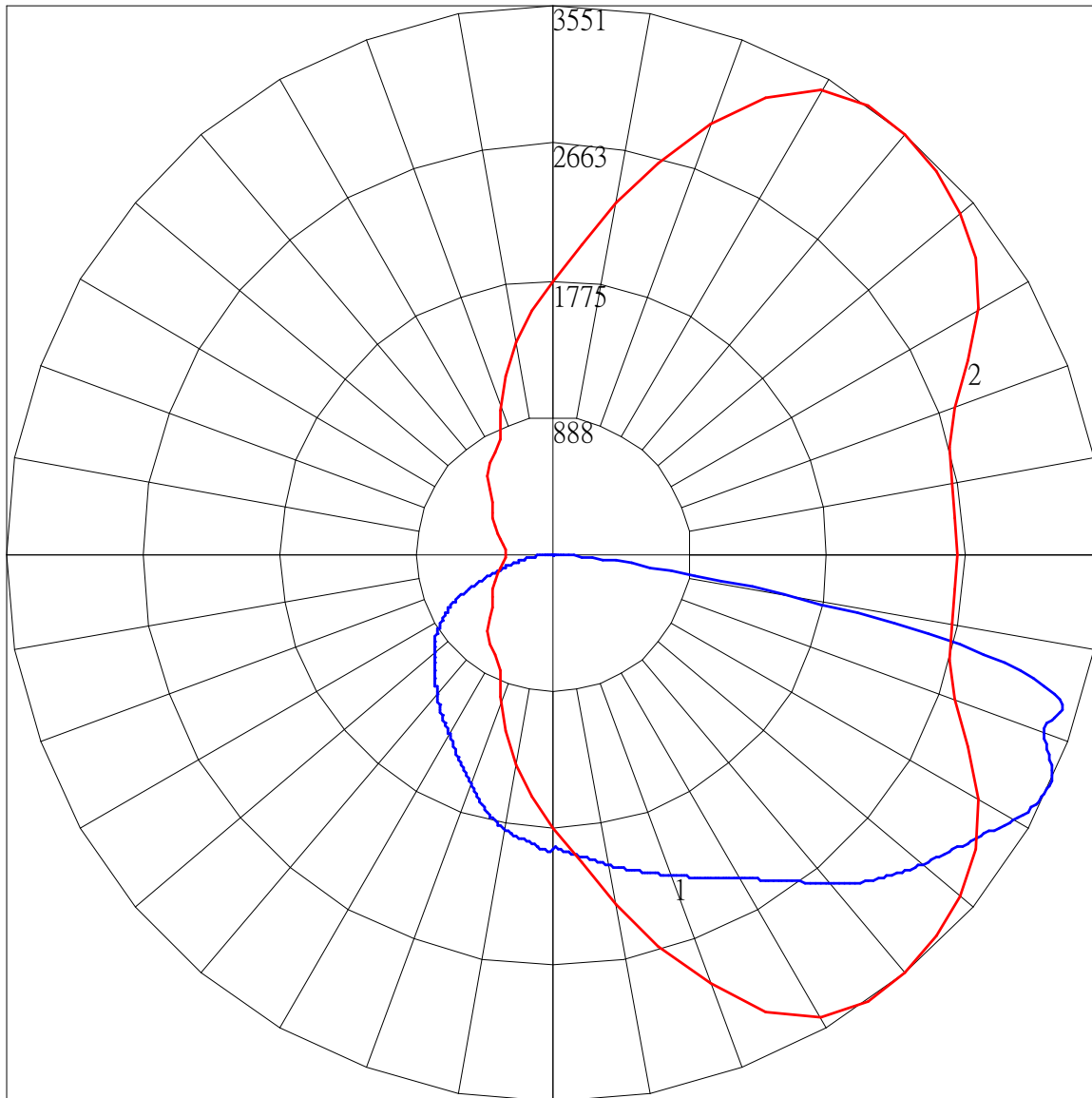
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	6695.8	72.3
Downward House Side	2566.5	27.7
Downward Total	9262.3	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	9262.3	100.0

POLAR GRAPH

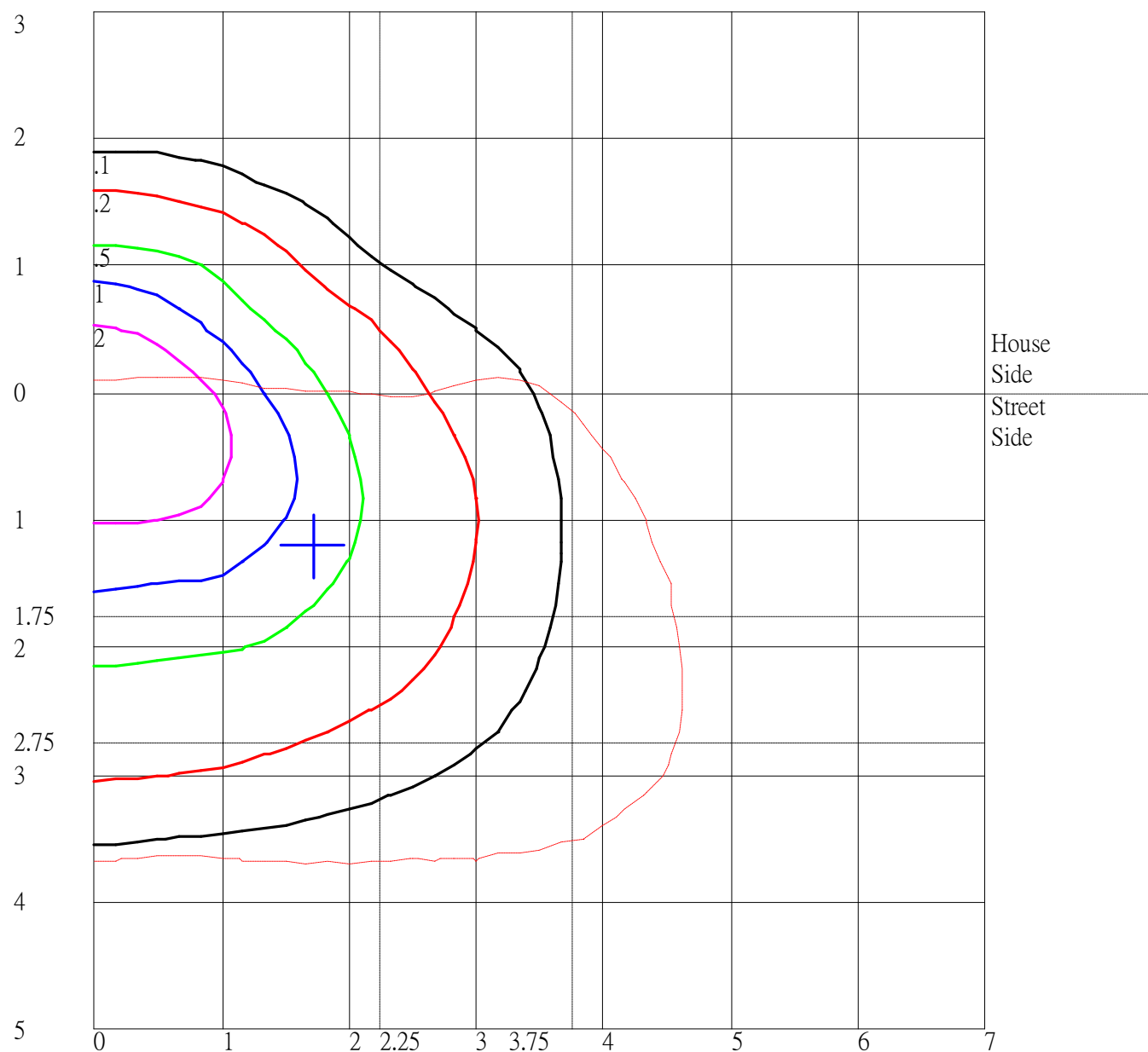


Maximum Candela = 3550.734 Located At Horizontal Angle = 55, Vertical Angle = 64.5

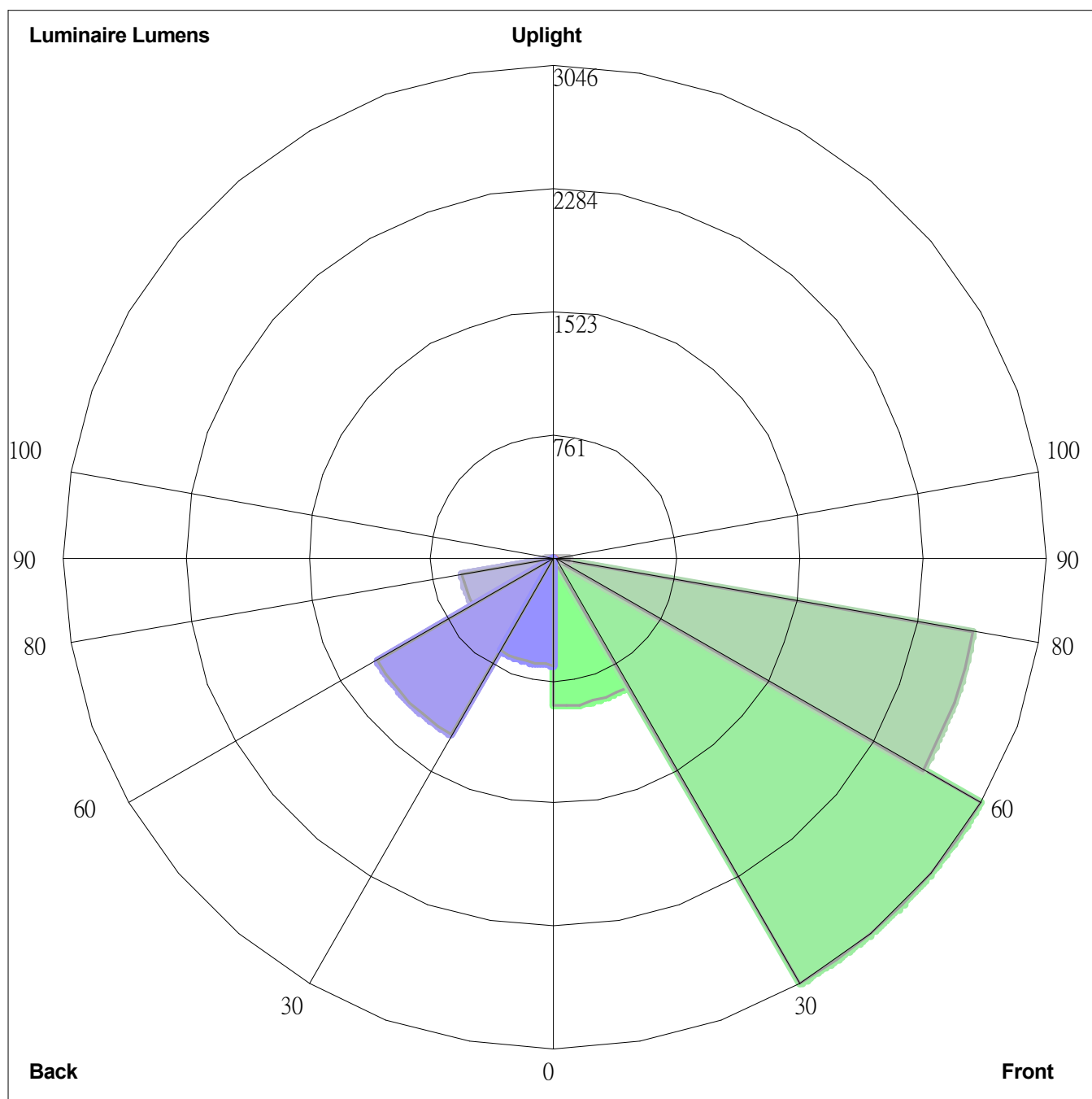
# 1 - Vertical Plane Through Horizontal Angles (55 - 235) (Through Max. Cd.)

# 2 - Horizontal Cone Through Vertical Angle (64.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=921.4, Medium=3045.8, High=2633.3, Very High=95.3  
Back: Low=663.7, Medium=1266.5, High=578.7, Very High=57.6  
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2