



## IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM2-60J-MV-27K-3F-XX-130 S.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM2-60J-MV-30K-3F-XX-130

[ISSUEDATE] 7/3/2019

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM2-60J-MV-27K-3F-XX-130

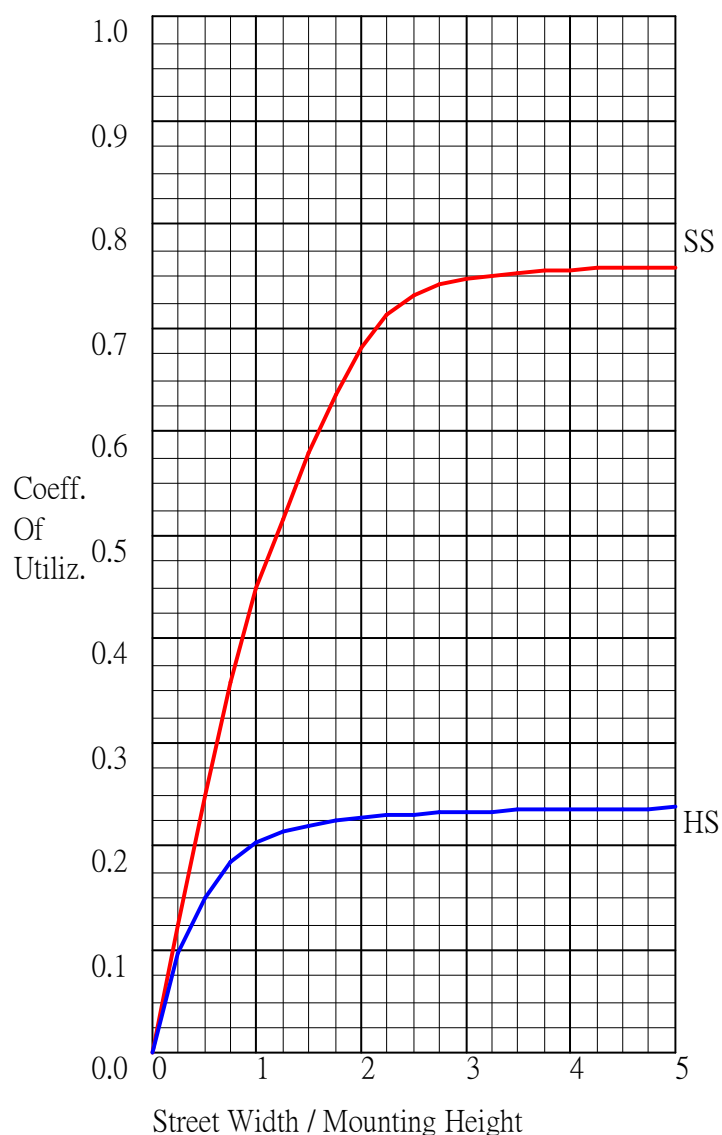
### CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	12844
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	144
Total Luminaire Watts	89
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	7216.209
Maximum Candela Angle	0H 59V
Maximum Candela (<90 Degrees Vertical)	7216.209
Maximum Candela Angle (<90 Degrees Vertical)	0H 59V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	558.954 (4.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

### LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1375.5	N.A.	10.7
FM - Front-Medium (30-60)	4717.2	N.A.	36.7
FH - Front-High (60-80)	3637.2	N.A.	28.3
FVH - Front-Very High (80-90)	56.0	N.A.	0.4
BL - Back-Low (0-30)	859.9	N.A.	6.7
BM - Back-Medium (30-60)	1475.7	N.A.	11.5
BH - Back-High (60-80)	700.6	N.A.	5.5
BVH - Back-Very High (80-90)	21.5	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
Total	12843.6	N.A.	100.0
BUG Rating	B2-U0-G2		

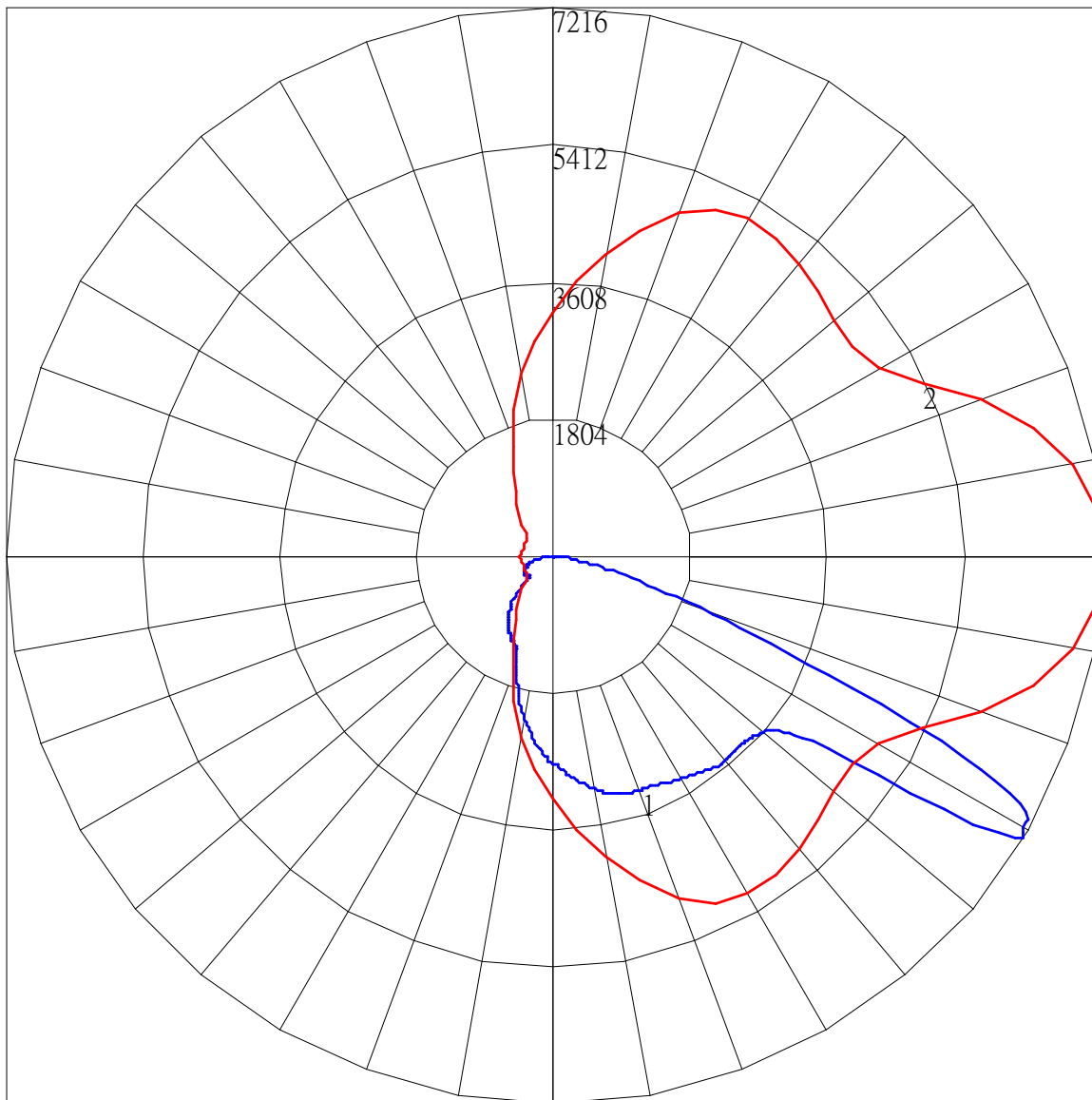
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	9785.9	76.2
Downward House Side	3057.8	23.8
Downward Total	12843.7	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	12843.7	100.0

POLAR GRAPH

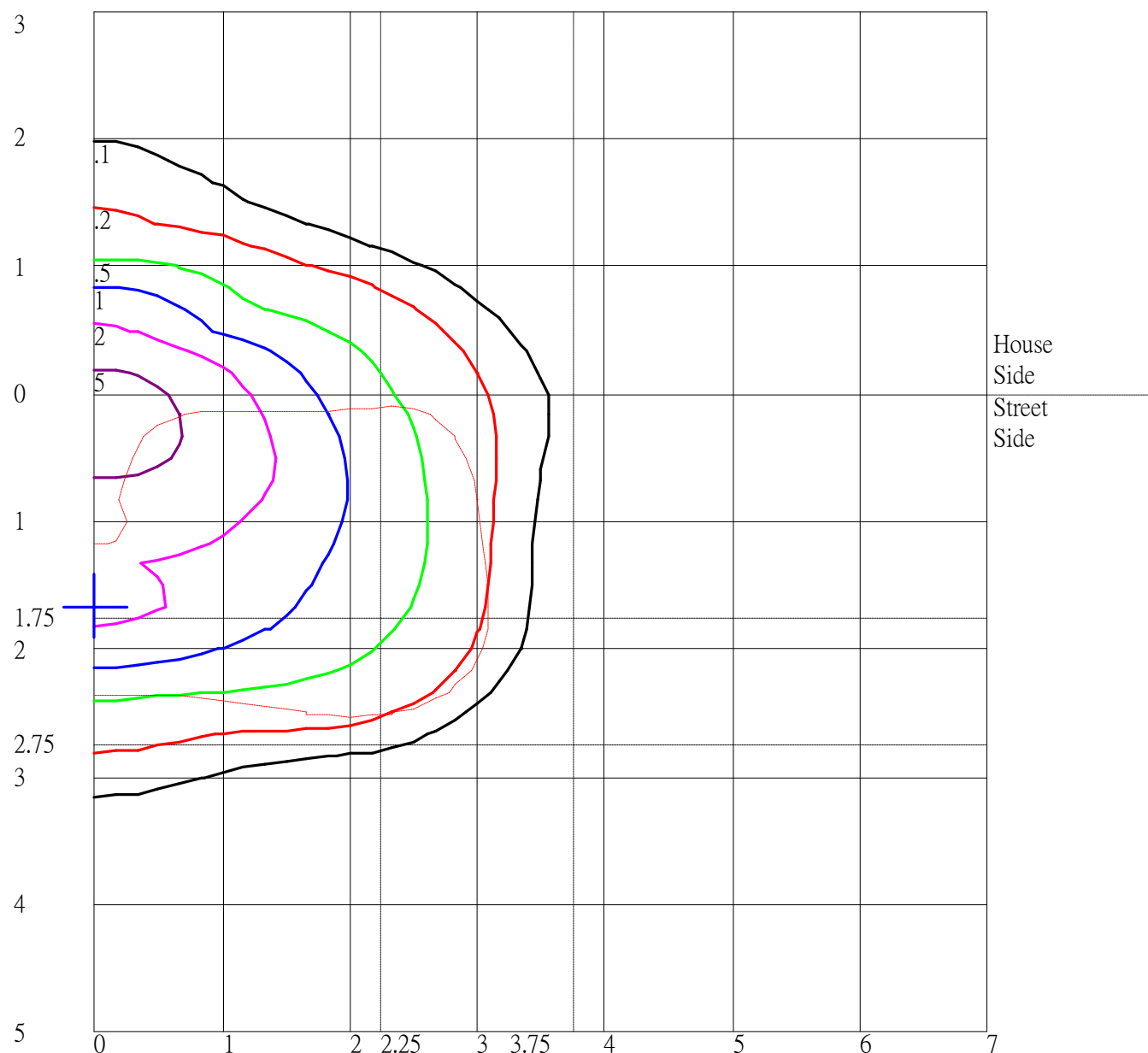


Maximum Candela = 7216.209 Located At Horizontal Angle = 0, Vertical Angle = 59

# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

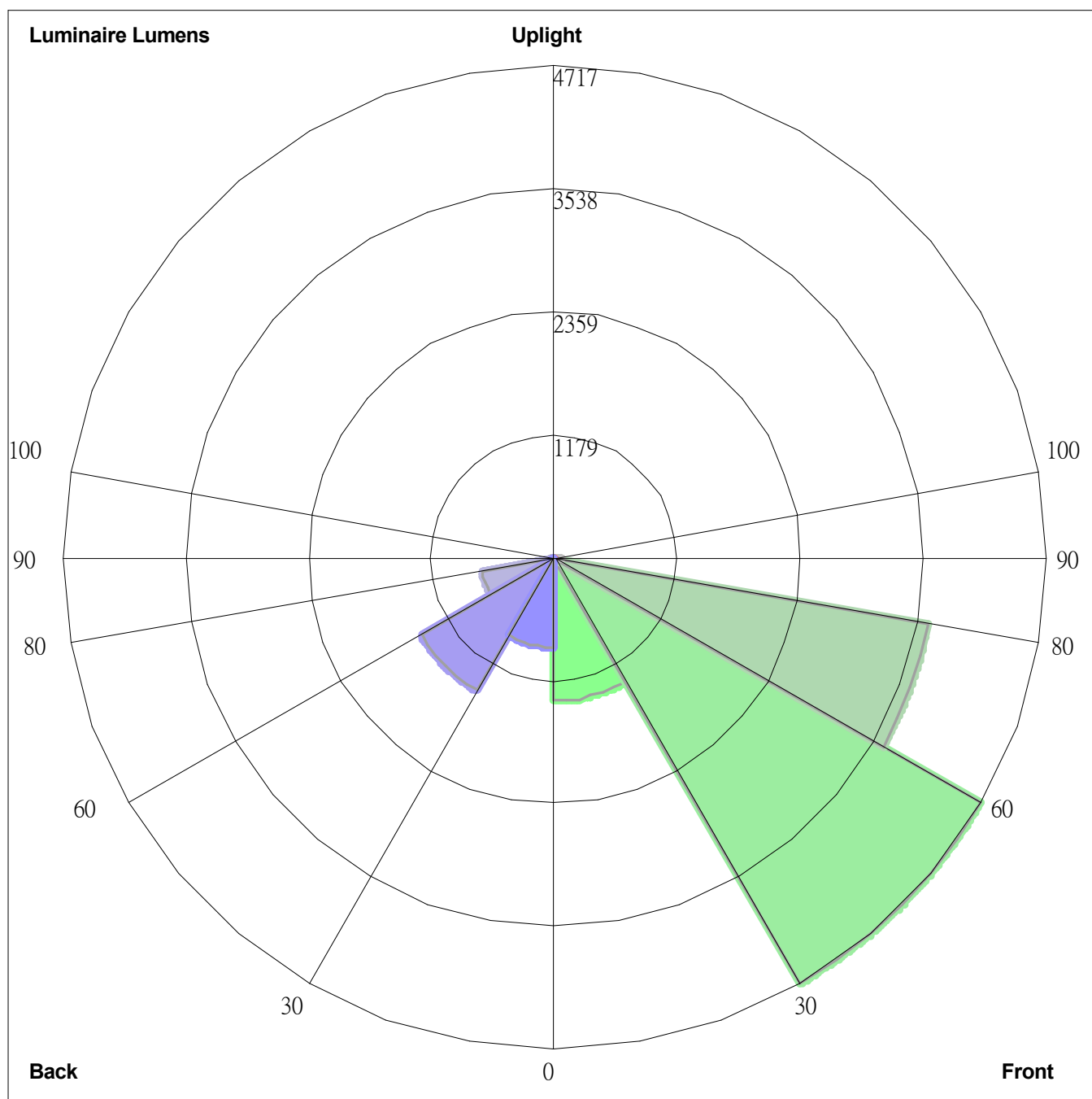
# 2 - Horizontal Cone Through Vertical Angle (59) (Through Max. Cd.)

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=1375.5, Medium=4717.2, High=3637.2, Very High=56.0  
Back: Low=859.9, Medium=1475.7, High=700.6, Very High=21.5  
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2