



## IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM3-60J-MV-27K-5-XX-175 S.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM3-60J-MV-30K-5-XX-180

[ISSUEDATE] 7/3/2019

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM3-60J-MV-27K-5-XX-175

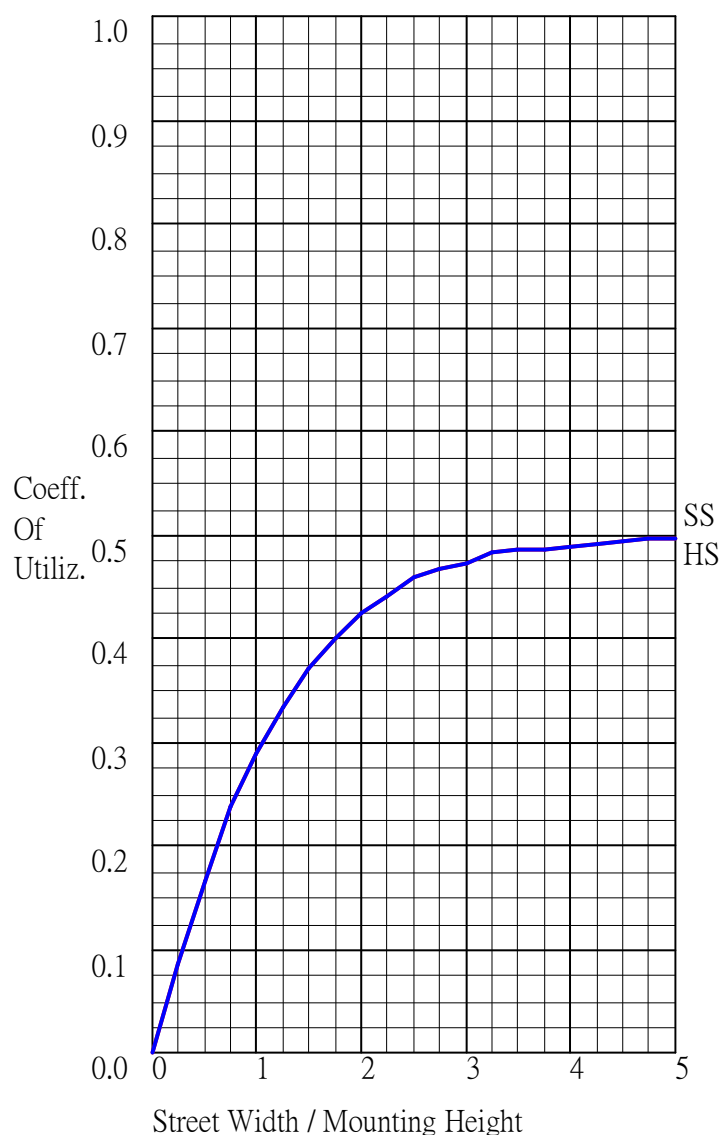
### CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	17723
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	5469.948
Maximum Candela Angle	45H 69.5V
Maximum Candela (<90 Degrees Vertical)	5469.948
Maximum Candela Angle (<90 Degrees Vertical)	45H 69.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1013.463 (5.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

### LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1298.9	N.A.	7.3
FM - Front-Medium (30-60)	3927.3	N.A.	22.2
FH - Front-High (60-80)	3548.7	N.A.	20.0
FVH - Front-Very High (80-90)	86.7	N.A.	0.5
BL - Back-Low (0-30)	1298.9	N.A.	7.3
BM - Back-Medium (30-60)	3927.3	N.A.	22.2
BH - Back-High (60-80)	3548.7	N.A.	20.0
BVH - Back-Very High (80-90)	86.7	N.A.	0.5
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	17723.2	N.A.	100.0
BUG Rating	B4-U0-G2		

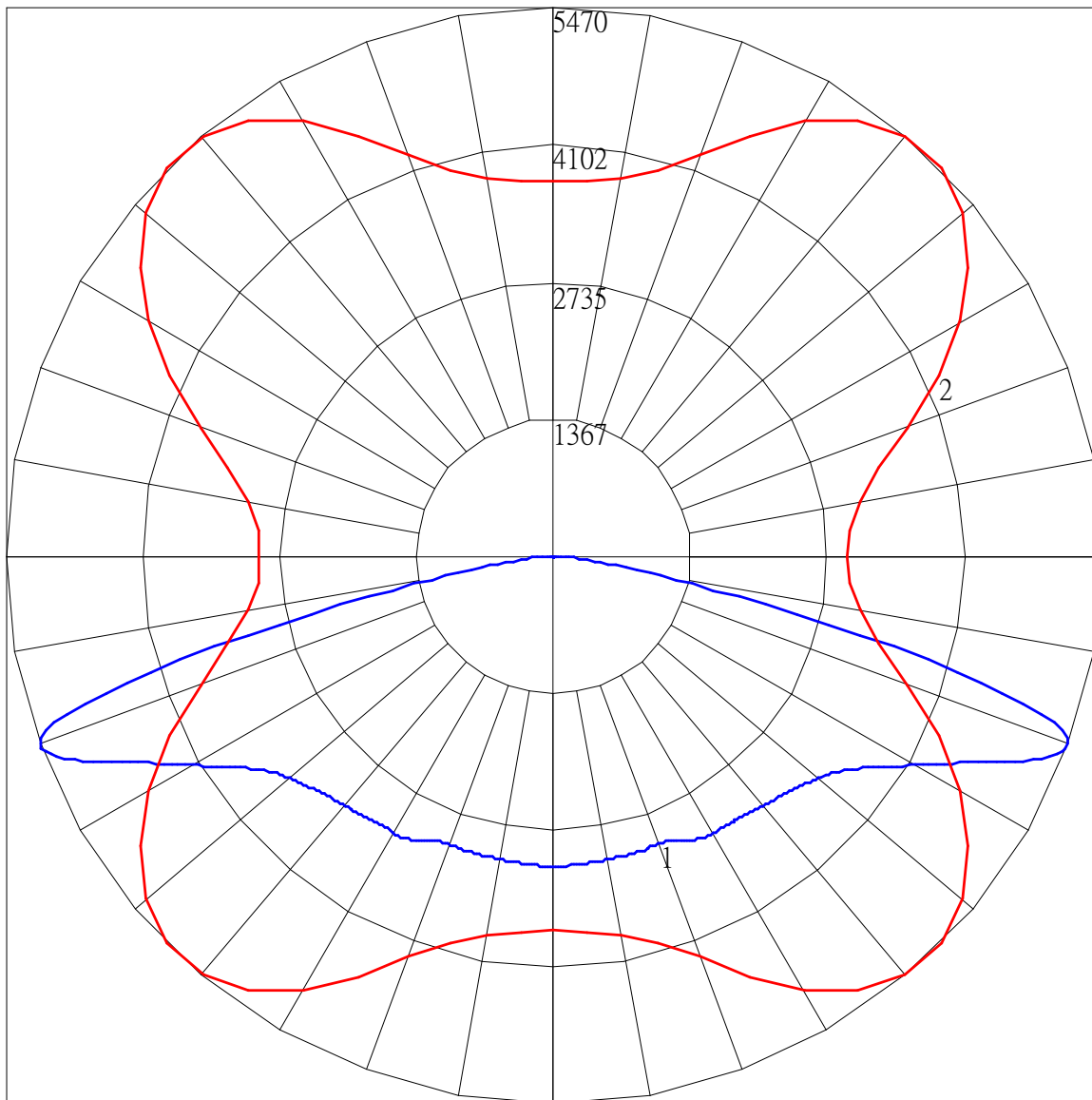
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	8861.6	50.0
Downward House Side	8861.6	50.0
Downward Total	17723.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	17723.2	100.0

POLAR GRAPH

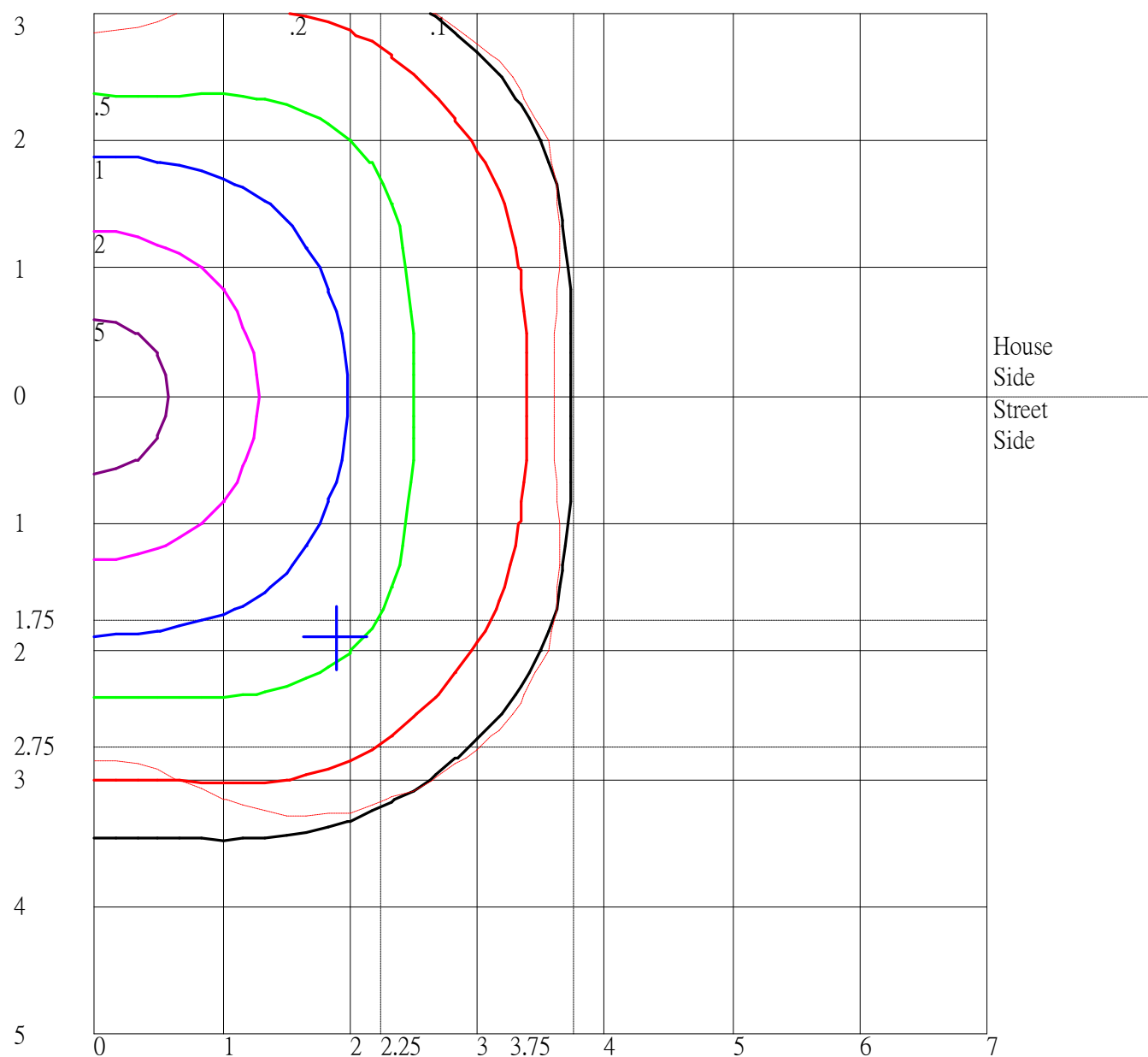


Maximum Candela = 5469.948 Located At Horizontal Angle = 45, Vertical Angle = 69.5

# 1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)

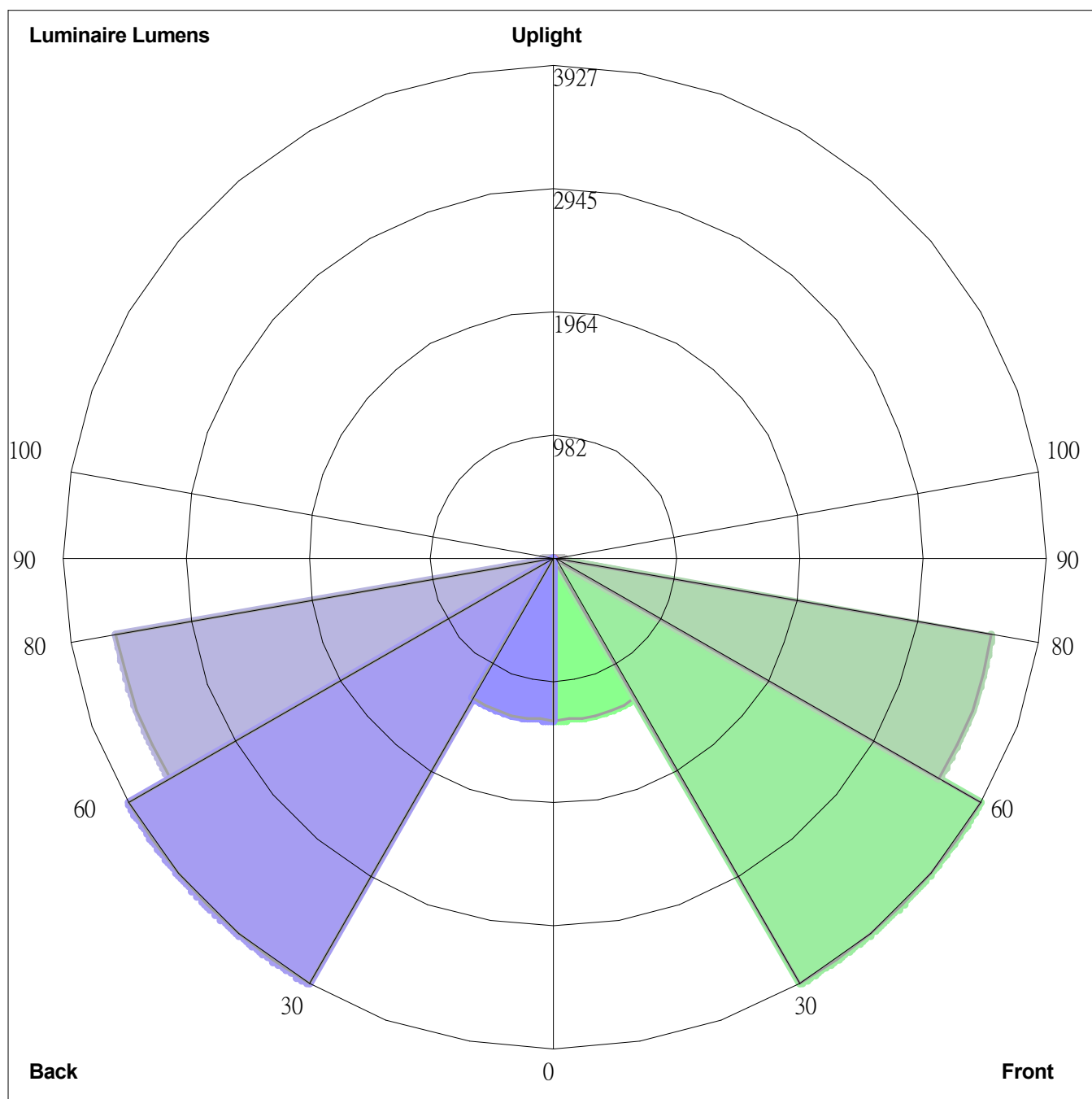
# 2 - Horizontal Cone Through Vertical Angle (69.5) (Through Max. Cd.)

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=1298.9, Medium=3927.3, High=3548.7, Very High=86.7  
Back: Low=1298.9, Medium=3927.3, High=3548.7, Very High=86.7  
Uplight: Low=0.0, High=0.0

BUG Rating : B4-U0-G2