



## IES ROAD REPORT

PHOTOMETRIC FILENAME : GCL2-80J-MV-27K-5-XX-250 S.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCL2-80J-MV-30K-5-XX-275

[ISSUEDATE] 6/20/2019

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCL2-80J-MV-27K-5-XX-260

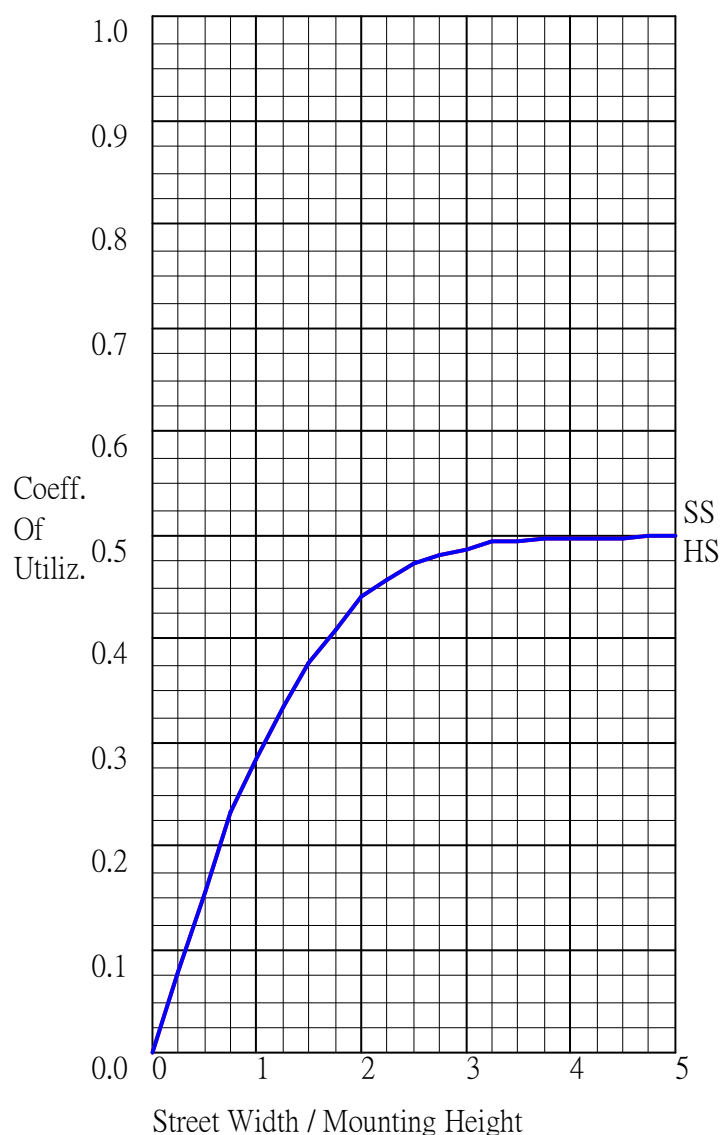
### CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	25130
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	193
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	10024.667
Maximum Candela Angle	50H 67V
Maximum Candela (<90 Degrees Vertical)	10024.667
Maximum Candela Angle (<90 Degrees Vertical)	50H 67V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	346.251 (1.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

### LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1578.6	N.A.	6.3
FM - Front-Medium (30-60)	5931.1	N.A.	23.6
FH - Front-High (60-80)	5027.8	N.A.	20.0
FVH - Front-Very High (80-90)	27.7	N.A.	0.1
BL - Back-Low (0-30)	1578.6	N.A.	6.3
BM - Back-Medium (30-60)	5931.1	N.A.	23.6
BH - Back-High (60-80)	5027.8	N.A.	20.0
BVH - Back-Very High (80-90)	27.7	N.A.	0.1
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	25130.4	N.A.	100.0
BUG Rating	B5-U0-G3		

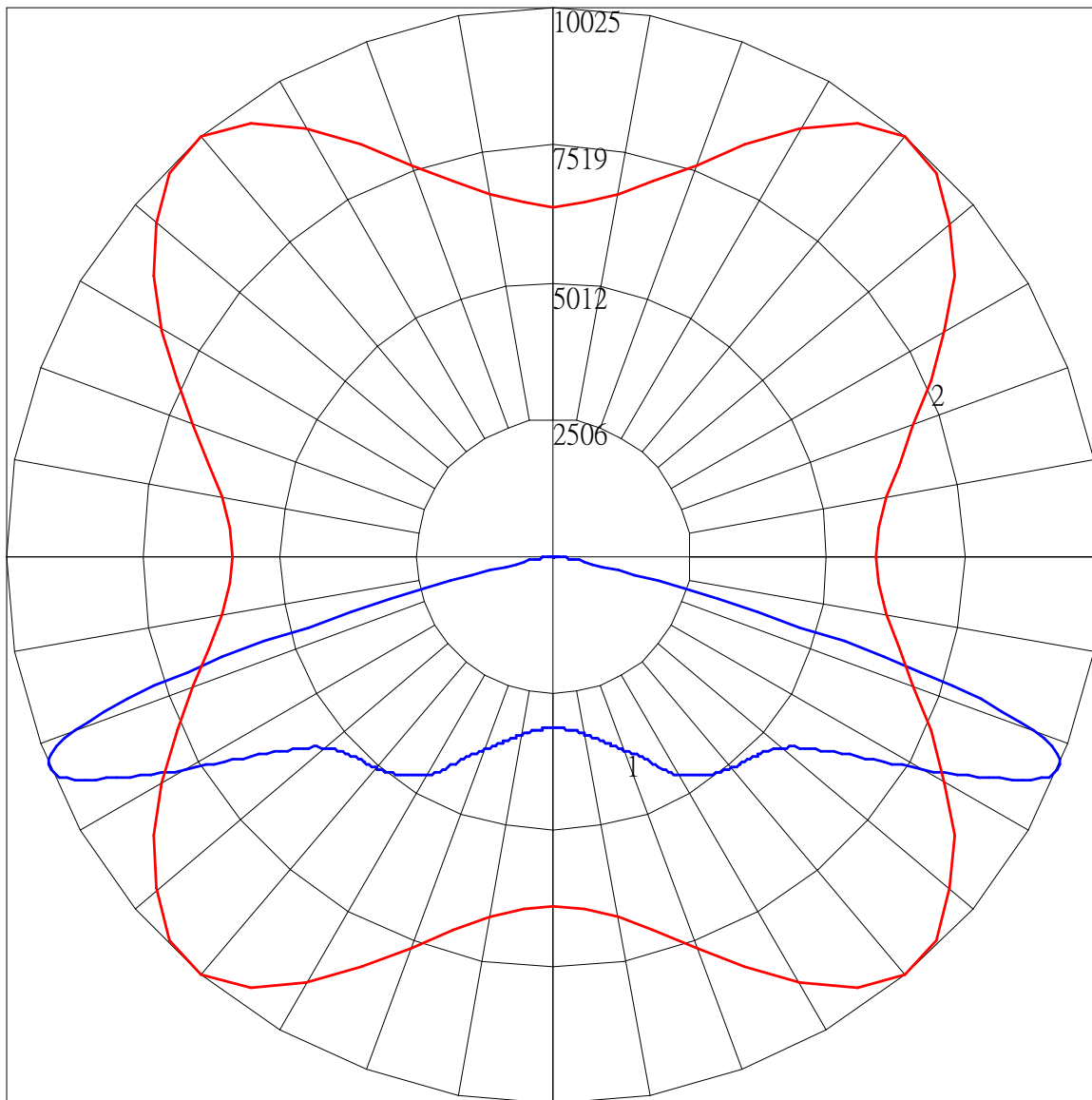
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

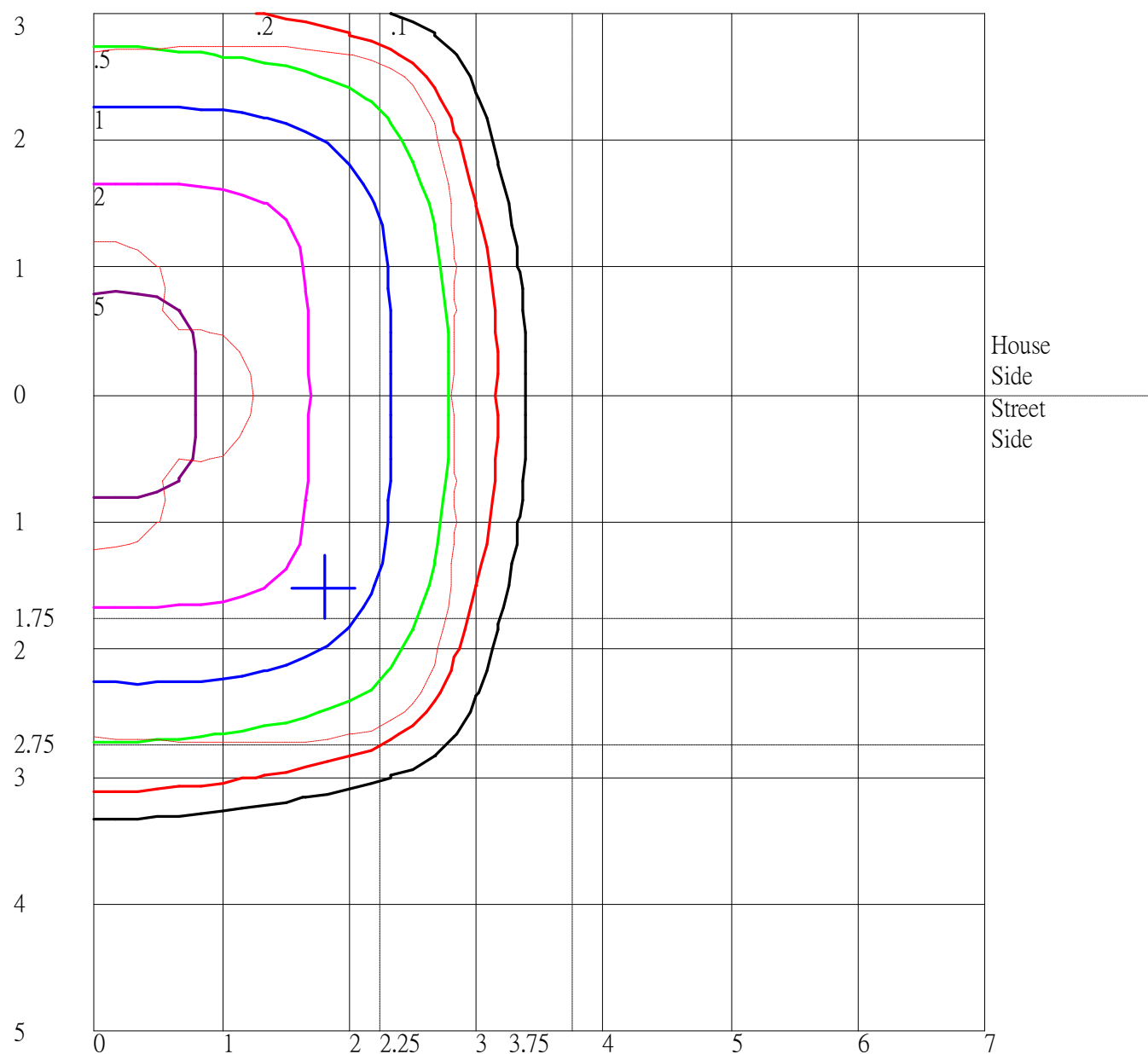
	Lumens	Percent Of Luminaire
Downward Street Side	12565.2	50.0
Downward House Side	12565.2	50.0
Downward Total	25130.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	25130.4	100.0

POLAR GRAPH

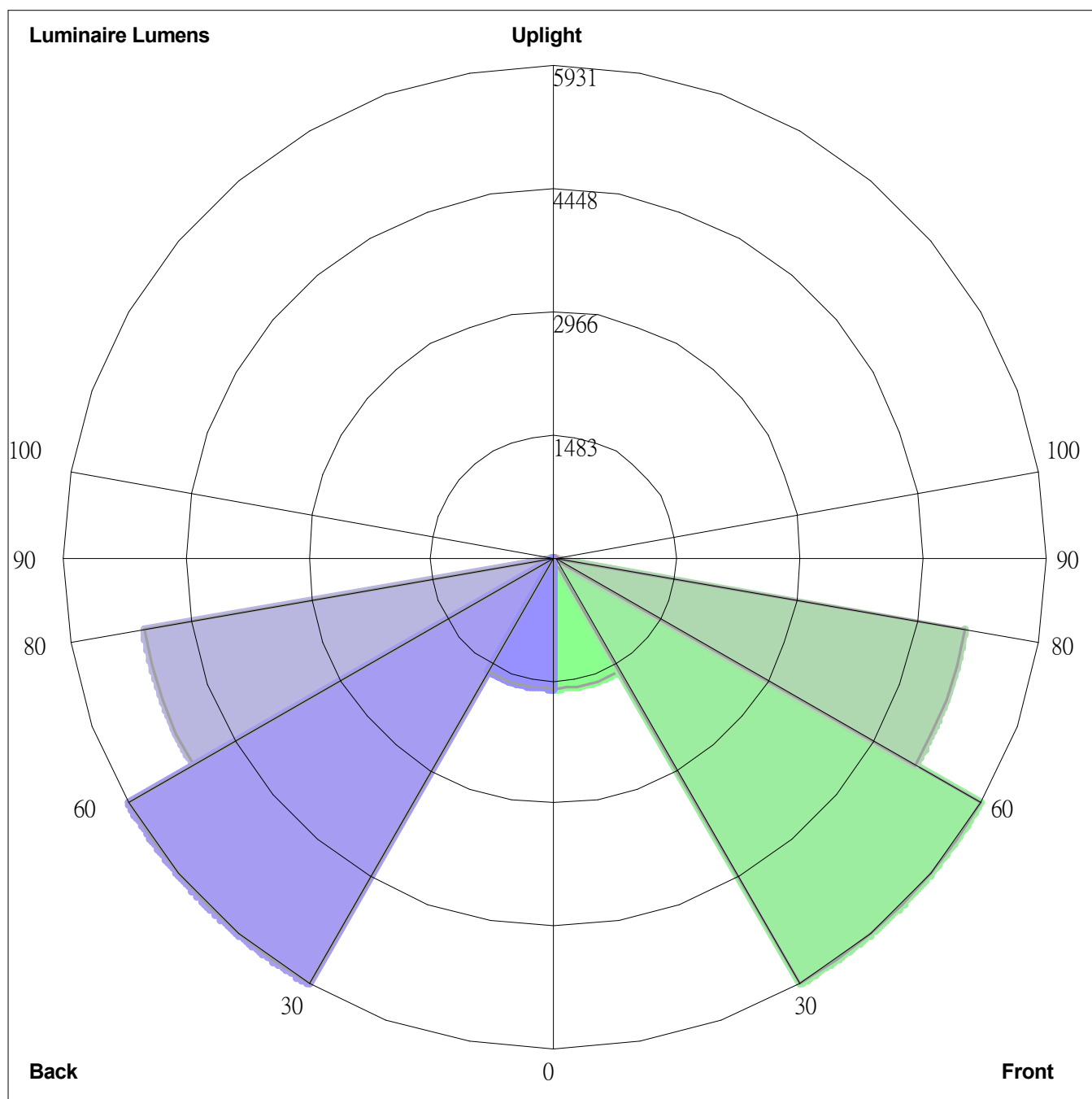


Maximum Candela = 10024.667 Located At Horizontal Angle = 50, Vertical Angle = 67  
# 1 - Vertical Plane Through Horizontal Angles (50 - 230) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (67) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1578.6, Medium=5931.1, High=5027.8, Very High=27.7  
Back: Low=1578.6, Medium=5931.1, High=5027.8, Very High=27.7  
Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G3