



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCL2-80J-MV-27K-2R-XX-230 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCL2-80J-MV-30K-2R-XX-275

[ISSUEDATE] 6/20/2019

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCL2-80J-MV-27K-2R-XX-240

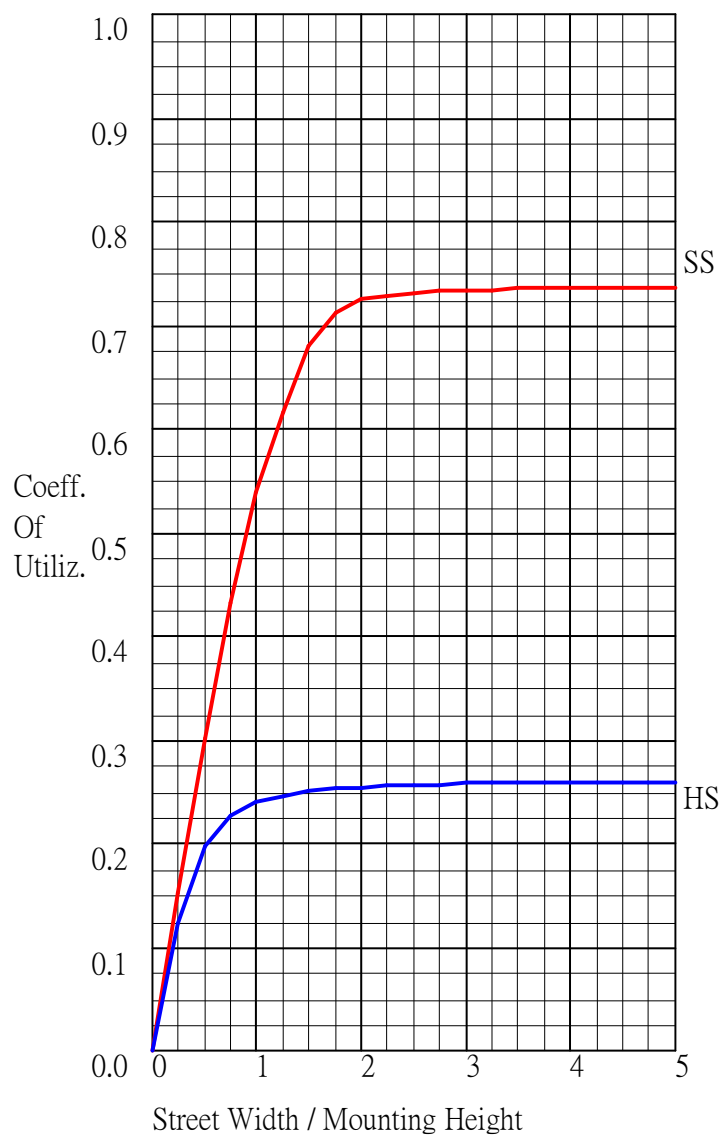
CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	23193
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	134
Total Luminaire Watts	173
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	17825.665
Maximum Candela Angle	80H 72.5V
Maximum Candela (<90 Degrees Vertical)	17825.665
Maximum Candela Angle (<90 Degrees Vertical)	80H 72.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5439.942 (23.5% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2581.1	N.A.	11.1
FM - Front-Medium (30-60)	9149.7	N.A.	39.4
FH - Front-High (60-80)	5238.6	N.A.	22.6
FVH - Front-Very High (80-90)	171.9	N.A.	0.7
BL - Back-Low (0-30)	1737.6	N.A.	7.5
BM - Back-Medium (30-60)	2809.6	N.A.	12.1
BH - Back-High (60-80)	1438.8	N.A.	6.2
BVH - Back-Very High (80-90)	66.1	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	23193.4	N.A.	100.0
BUG Rating	B3-U0-G3		

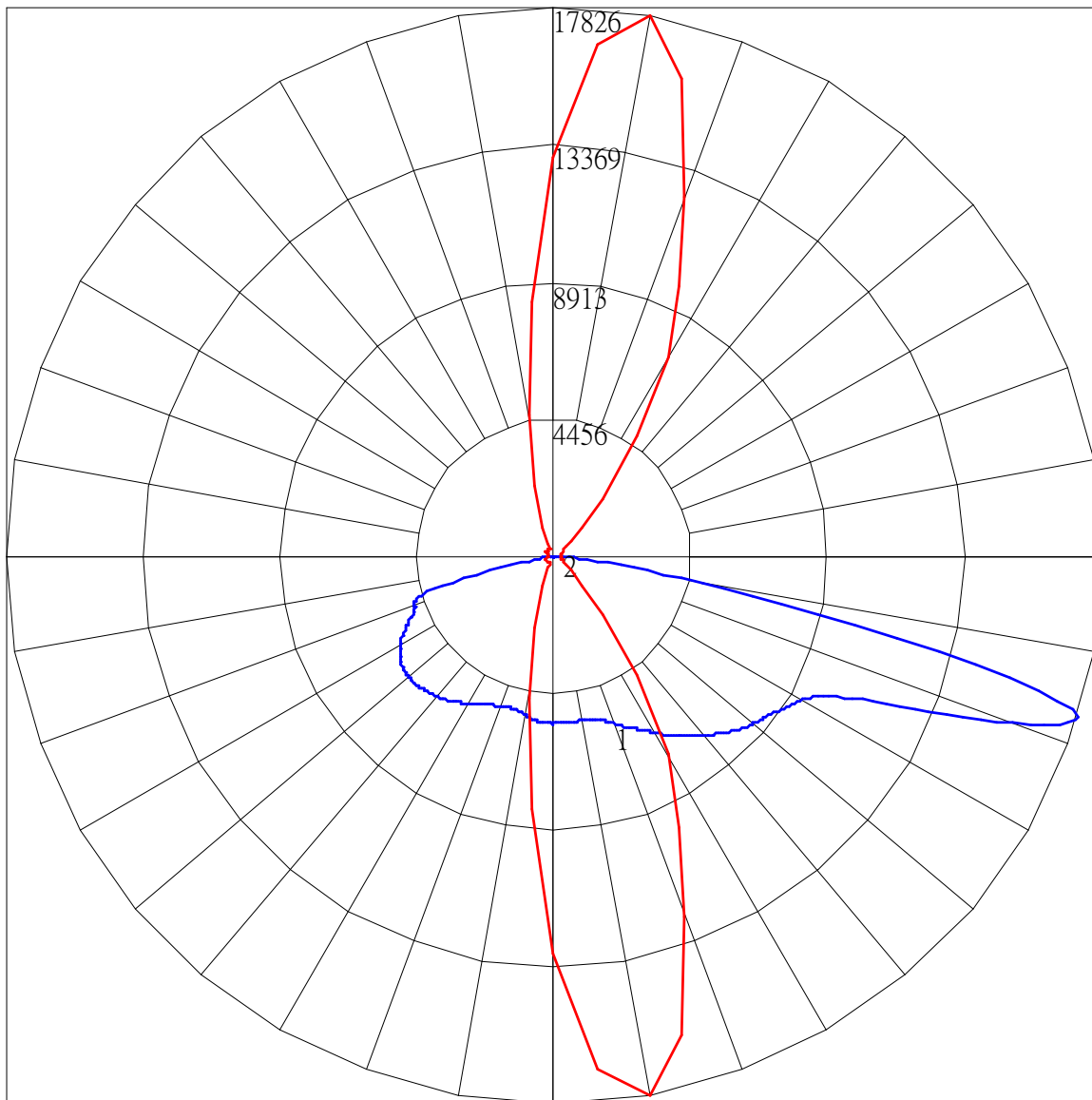
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

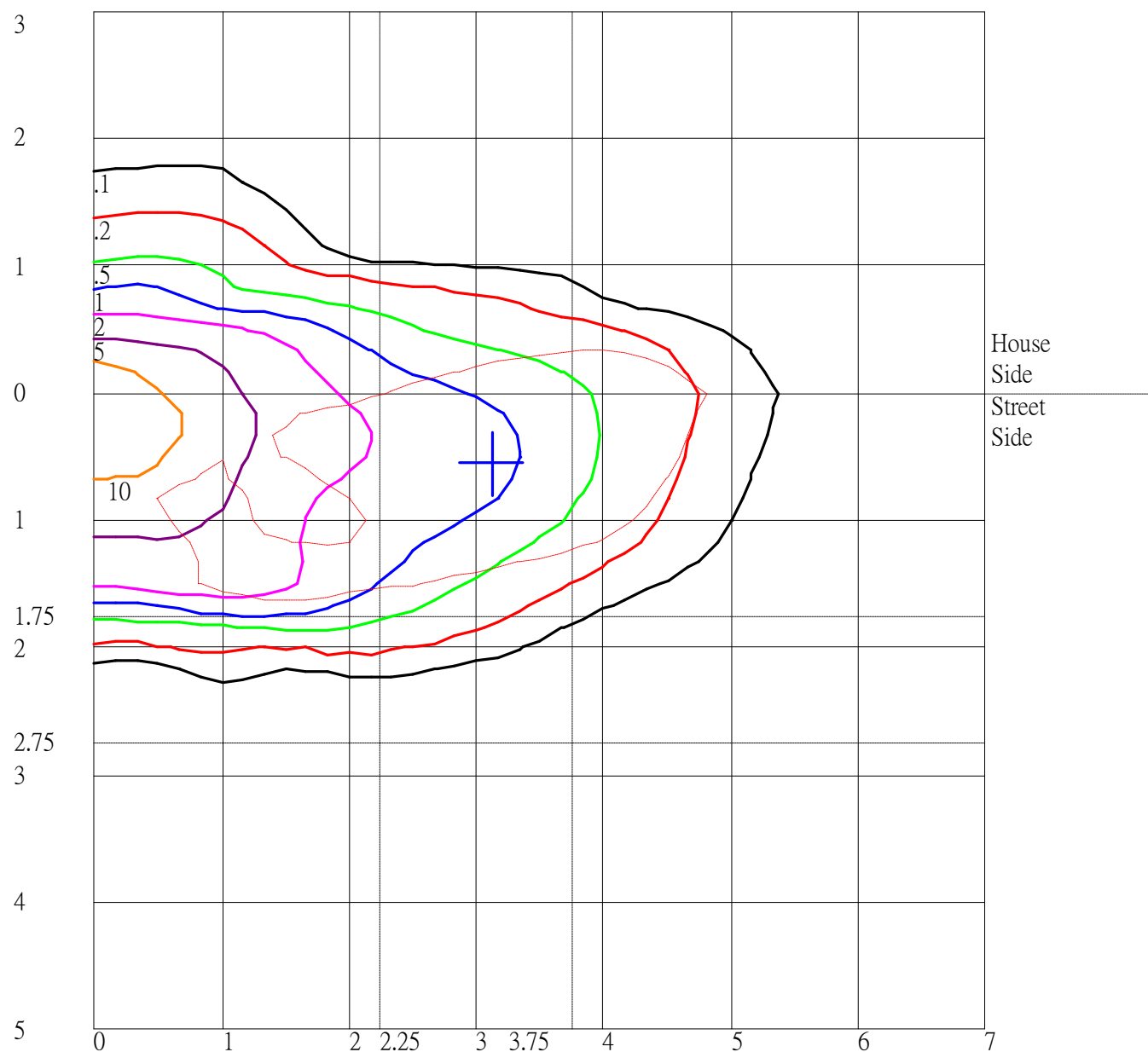
	Lumens	Percent Of Luminaire
Downward Street Side	17141.3	73.9
Downward House Side	6052.1	26.1
Downward Total	23193.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	23193.4	100.0

POLAR GRAPH

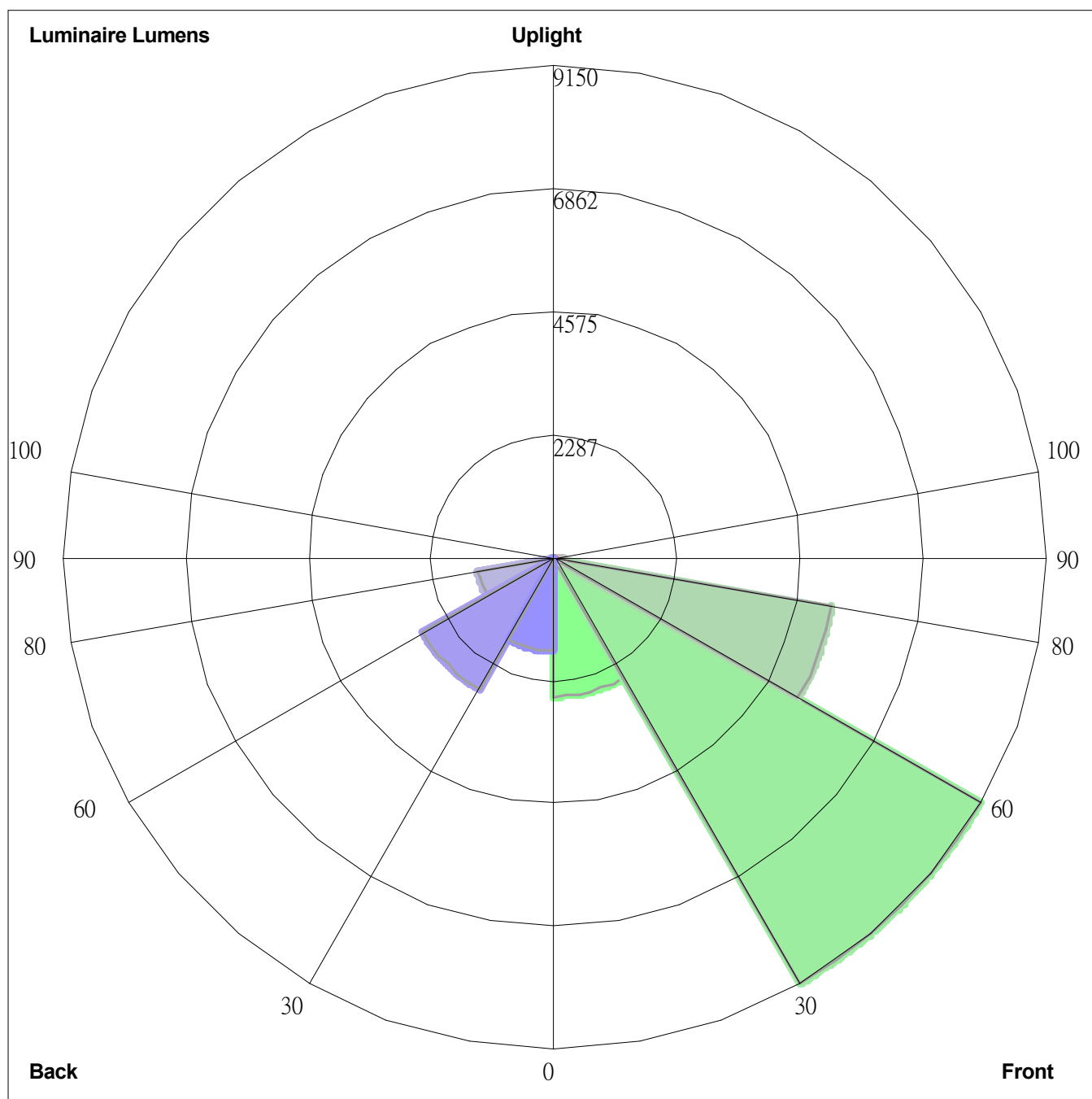


Maximum Candela = 17825.665 Located At Horizontal Angle = 80, Vertical Angle = 72.5
1 - Vertical Plane Through Horizontal Angles (80 - 260) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (72.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=2581.1, Medium=9149.7, High=5238.6, Very High=171.9
Back: Low=1737.6, Medium=2809.6, High=1438.8, Very High=66.1
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3