



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCL2-80J-MV-27K-3F-XX-240 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCL2-80J-MV-30K-3F-XX-275

[ISSUEDATE] 6/20/2019

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCL2-80J-MV-27K-3F-XX-250

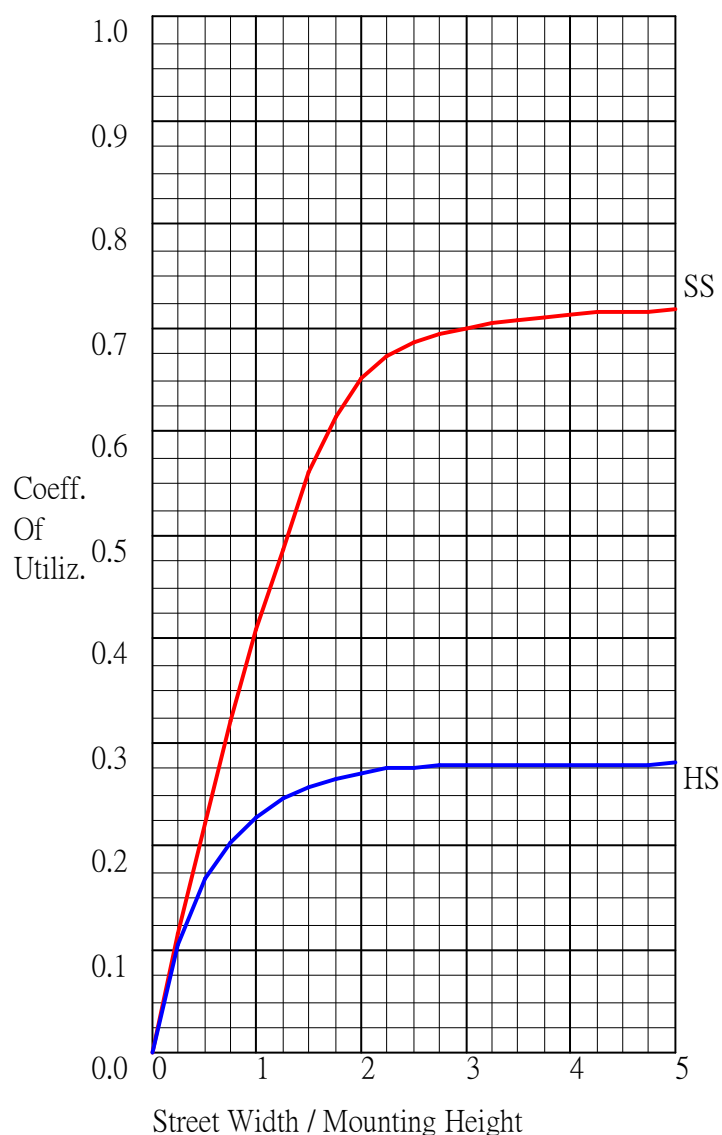
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	23829
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	183
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	15486.139
Maximum Candela Angle	60H 73V
Maximum Candela (<90 Degrees Vertical)	15486.139
Maximum Candela Angle (<90 Degrees Vertical)	60H 73V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2121.376 (8.9% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1980.7	N.A.	8.3
FM - Front-Medium (30-60)	7946.3	N.A.	33.3
FH - Front-High (60-80)	7102.4	N.A.	29.8
FVH - Front-Very High (80-90)	119.6	N.A.	0.5
BL - Back-Low (0-30)	1793.6	N.A.	7.5
BM - Back-Medium (30-60)	3425.0	N.A.	14.4
BH - Back-High (60-80)	1436.7	N.A.	6.0
BVH - Back-Very High (80-90)	24.3	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	23828.6	N.A.	100.0
BUG Rating	B3-U0-G3		

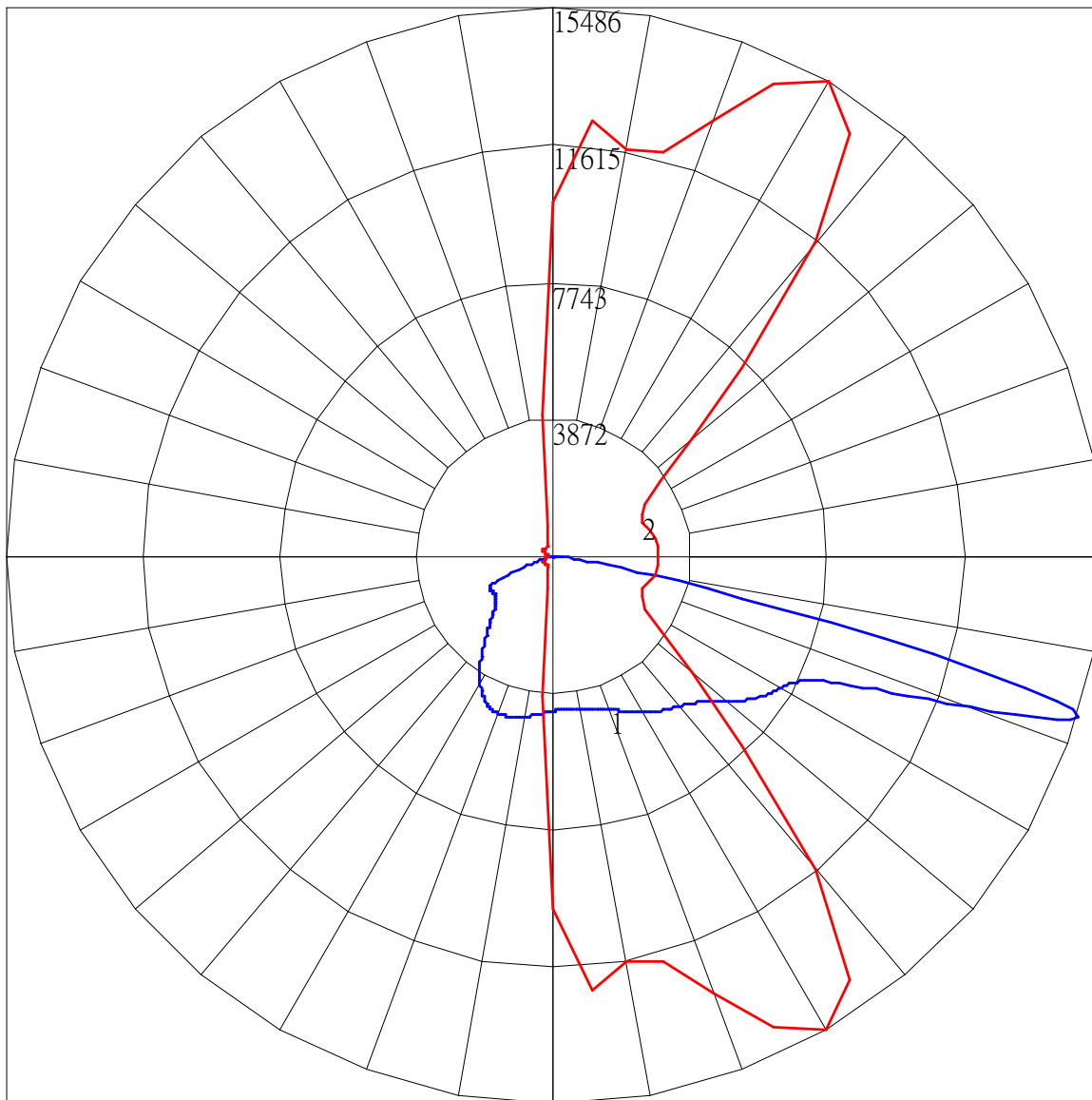
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

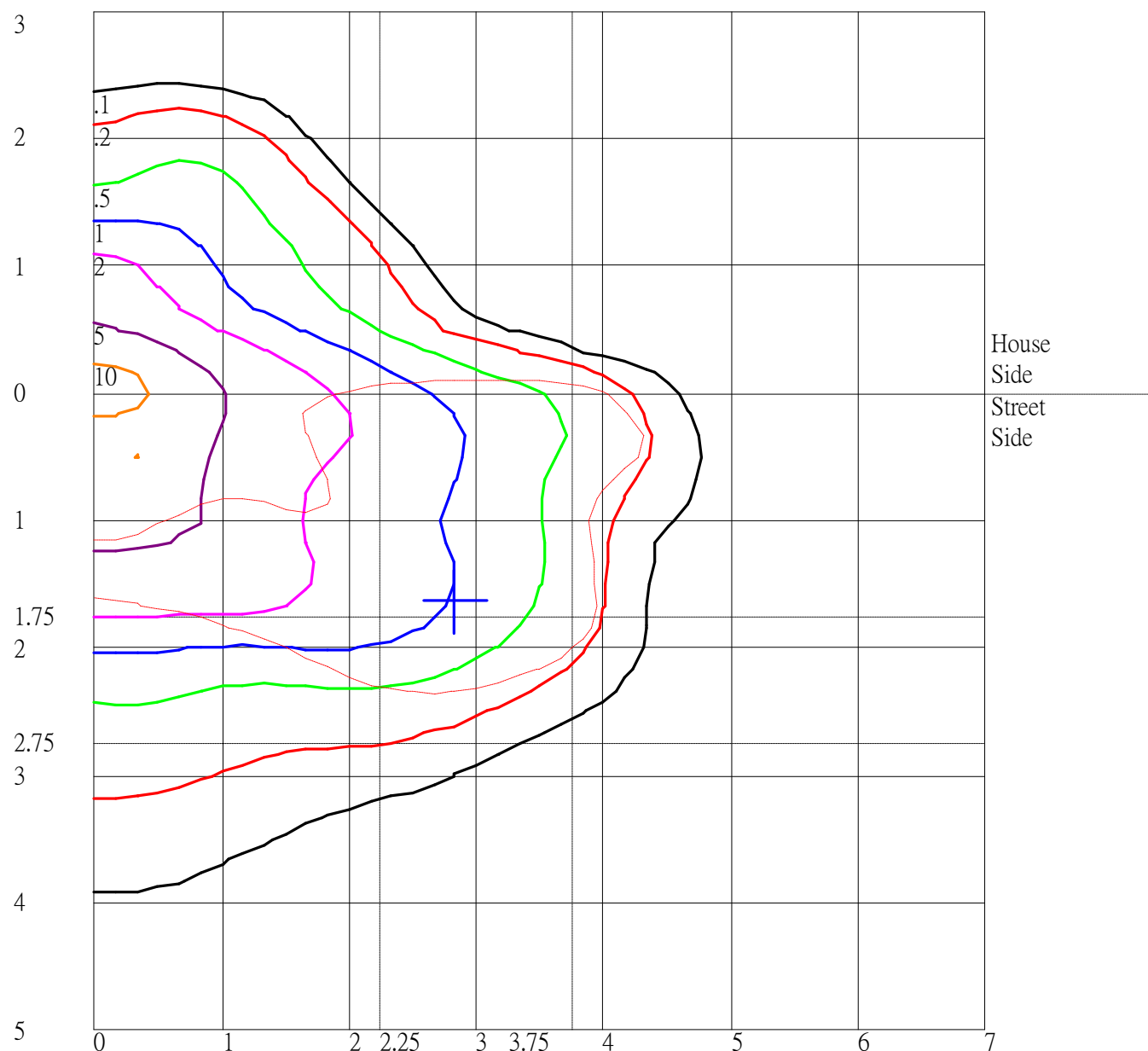
	Lumens	Percent Of Luminaire
Downward Street Side	17149.0	72.0
Downward House Side	6679.5	28.0
Downward Total	23828.5	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	23828.5	100.0

POLAR GRAPH

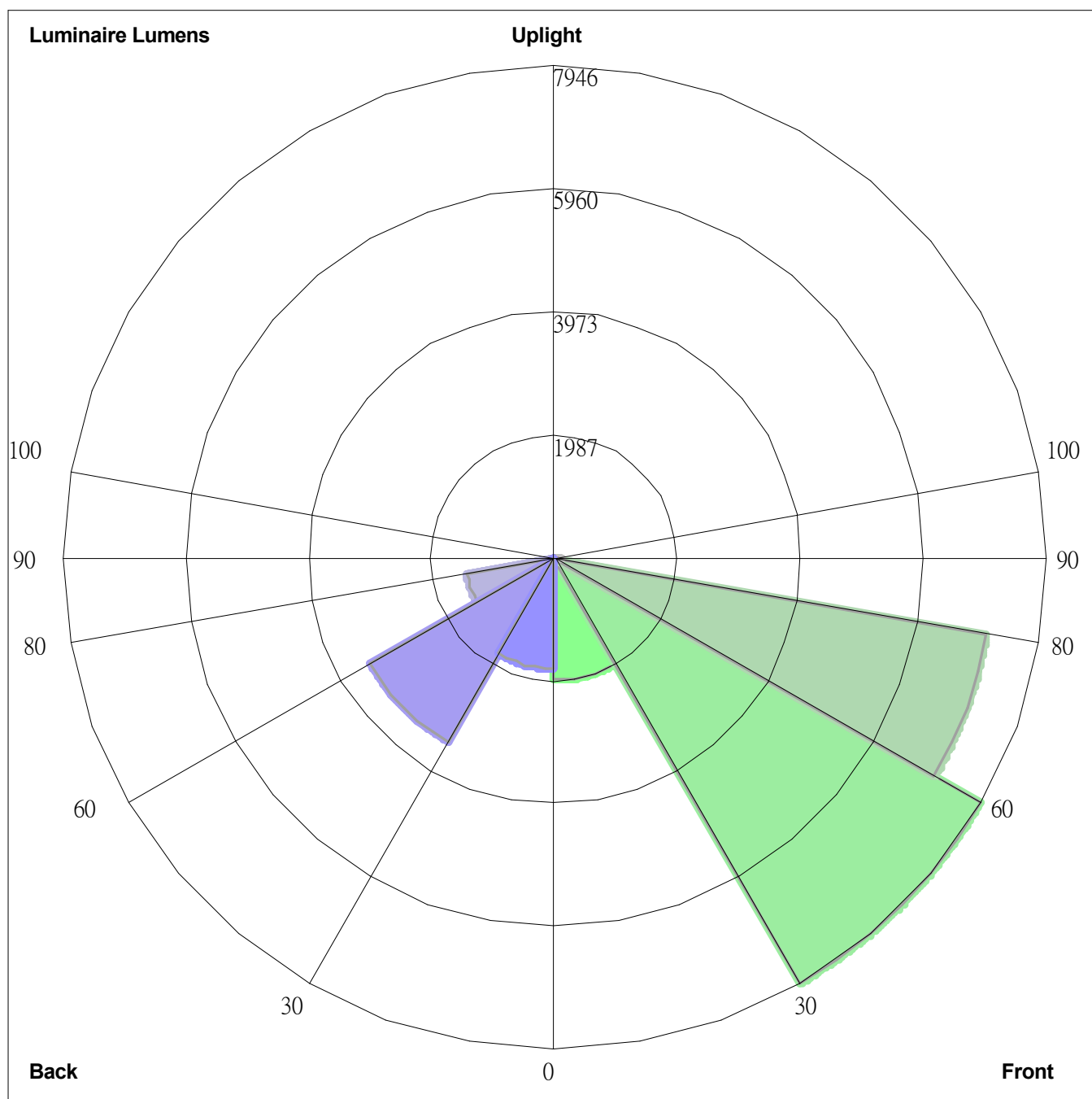


Maximum Candela = 15486.139 Located At Horizontal Angle = 60, Vertical Angle = 73
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (73) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1980.7, Medium=7946.3, High=7102.4, Very High=119.6
Back: Low=1793.6, Medium= 3425.0, High=1436.7, Very High=24.3
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3