



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCL3-80J-MV-27K-2S-XX-285 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TESTLAB] Scaled from NVLAP LM-79 for GCL3-80J-MV-30K-2S-XX-325
[ISSUE DATE] 12/15/2022
[MANUFAC] Leotek Electronics USA LLC
[LUMCAT] GCL3-80J-MV-27K-2S-XX-285

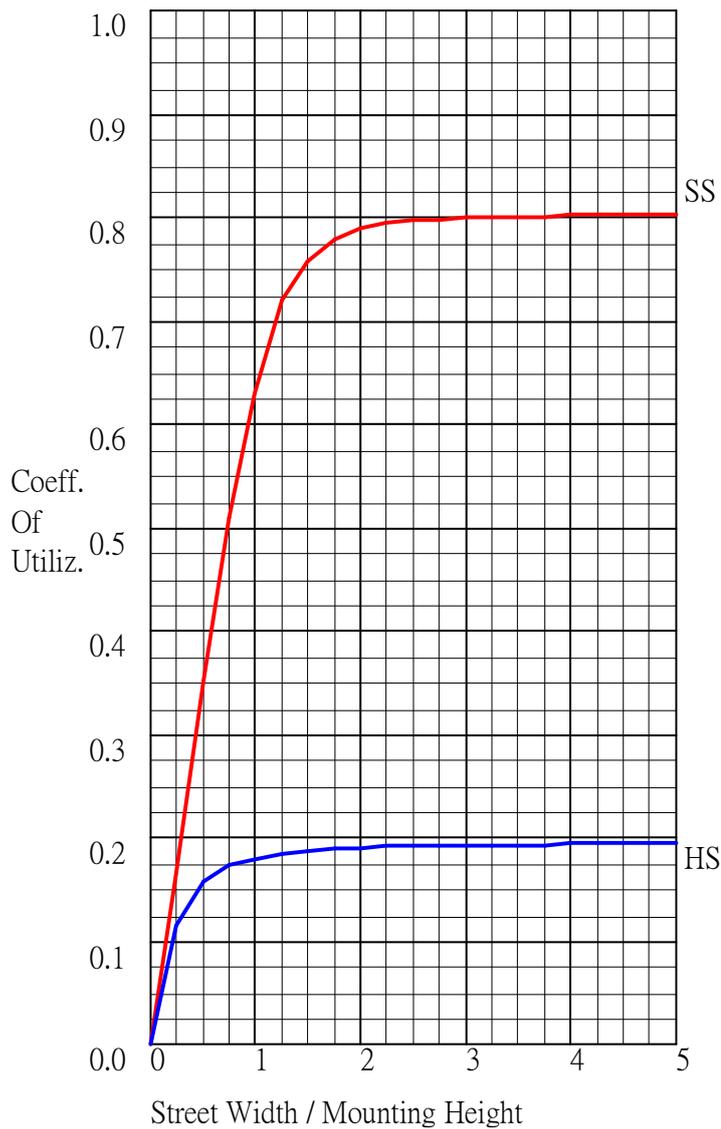
CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	28341
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	230
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	16582.074
Maximum Candela Angle	305H 57.5V
Maximum Candela (<90 Degrees Vertical)	16582.074
Maximum Candela At 90 Degrees Vertical	305H 57.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2802.708 (9.9% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	4514.3	N.A.	15.9
FM - Front-Medium (30-60)	12960.5	N.A.	45.7
FH - Front-High (60-80)	5223.1	N.A.	18.4
FVH - Front-Very High (80-90)	103.2	N.A.	0.4
BL - Back-Low (0-30)	2352.8	N.A.	8.3
BM - Back-Medium (30-60)	2162.0	N.A.	7.6
BH - Back-High (60-80)	994.5	N.A.	3.5
BVH - Back-Very High (80-90)	30.7	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	28341.1	N.A.	100.0
BUG Rating	B3-U0-G3		

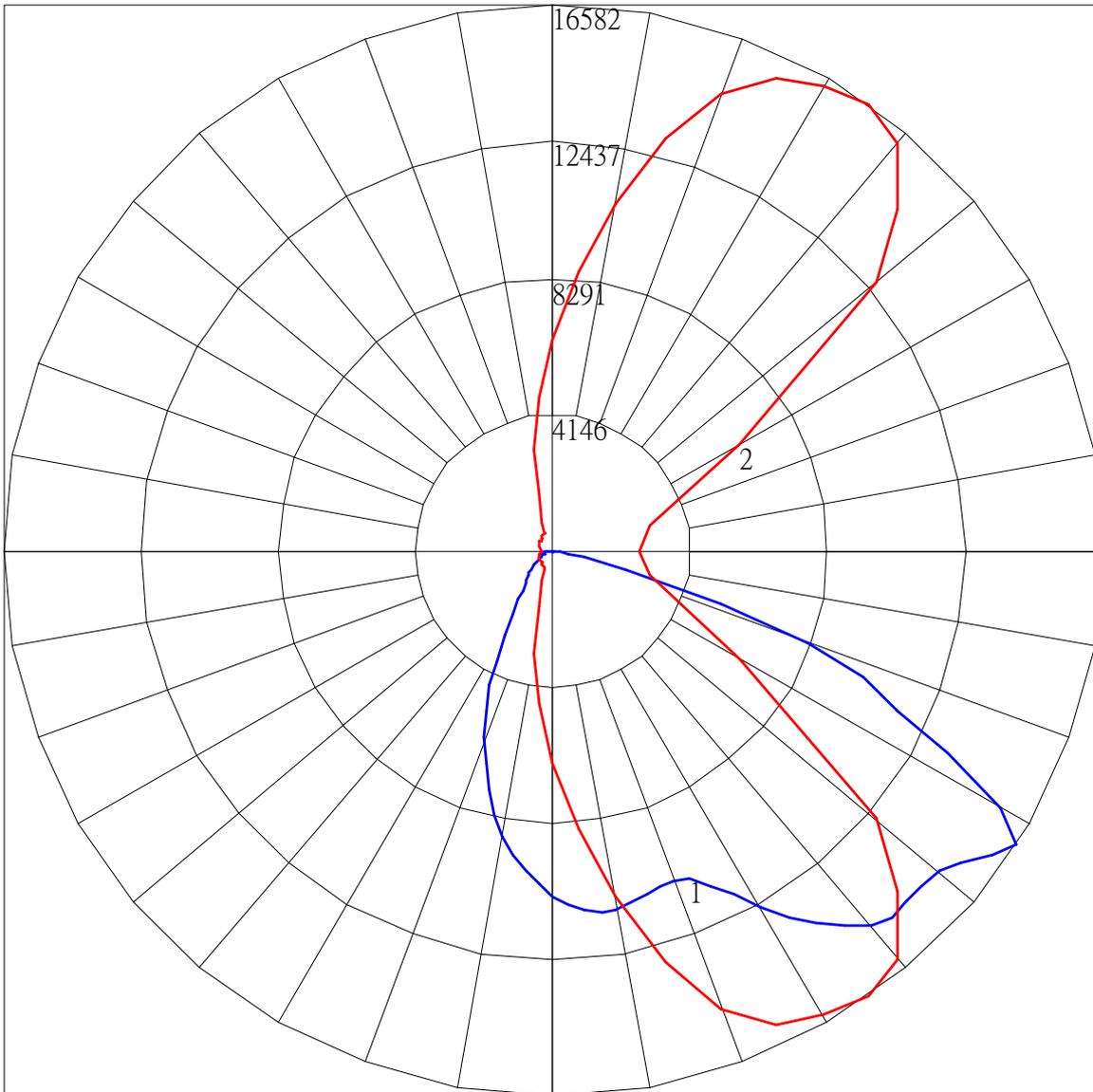
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

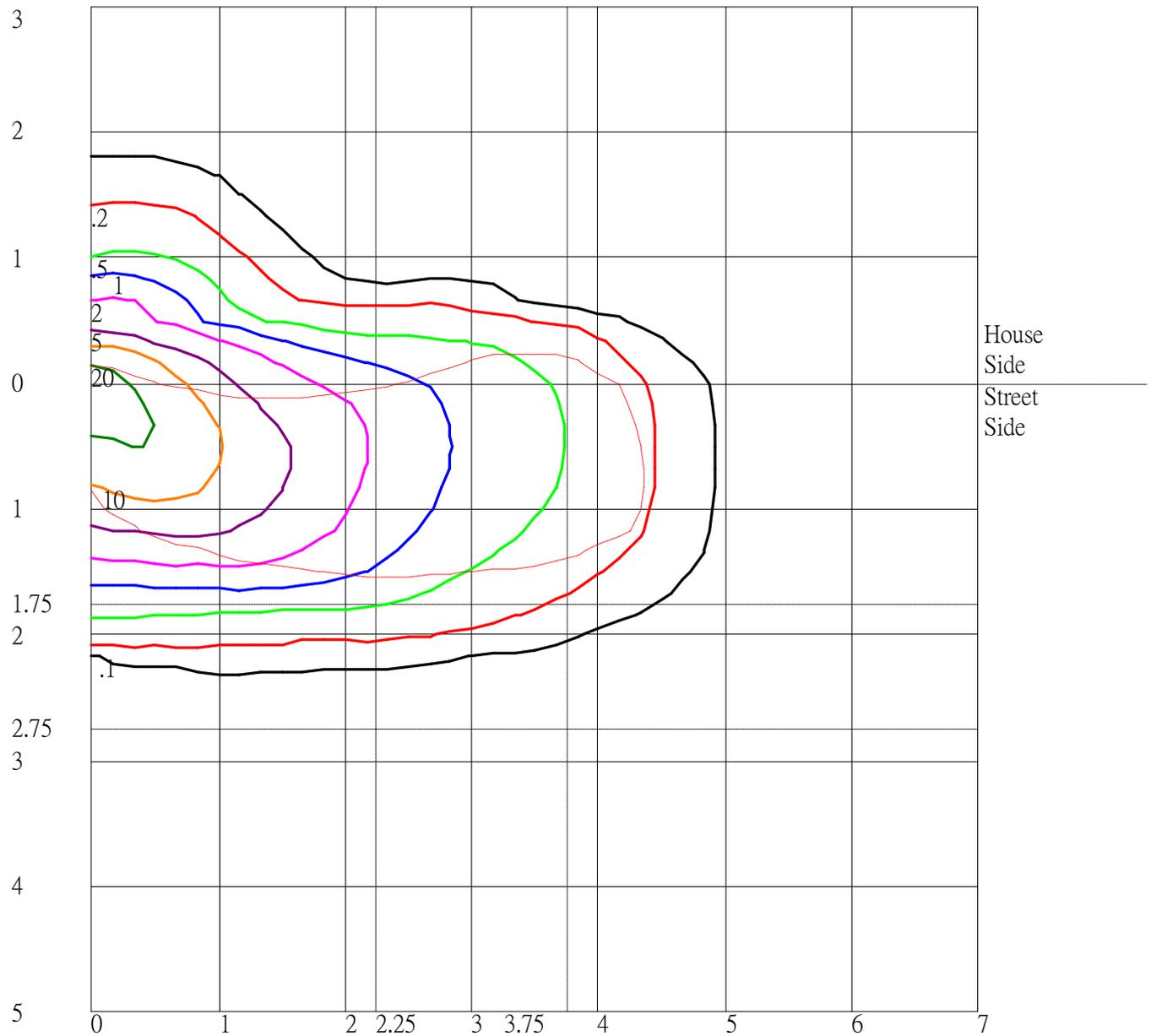
	Lumens	Percent Of Luminaire
Downward Street Side	22801.1	80.5
Downward House Side	5540.0	19.5
Downward Total	28341.1	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	28341.1	100.0

POLAR GRAPH



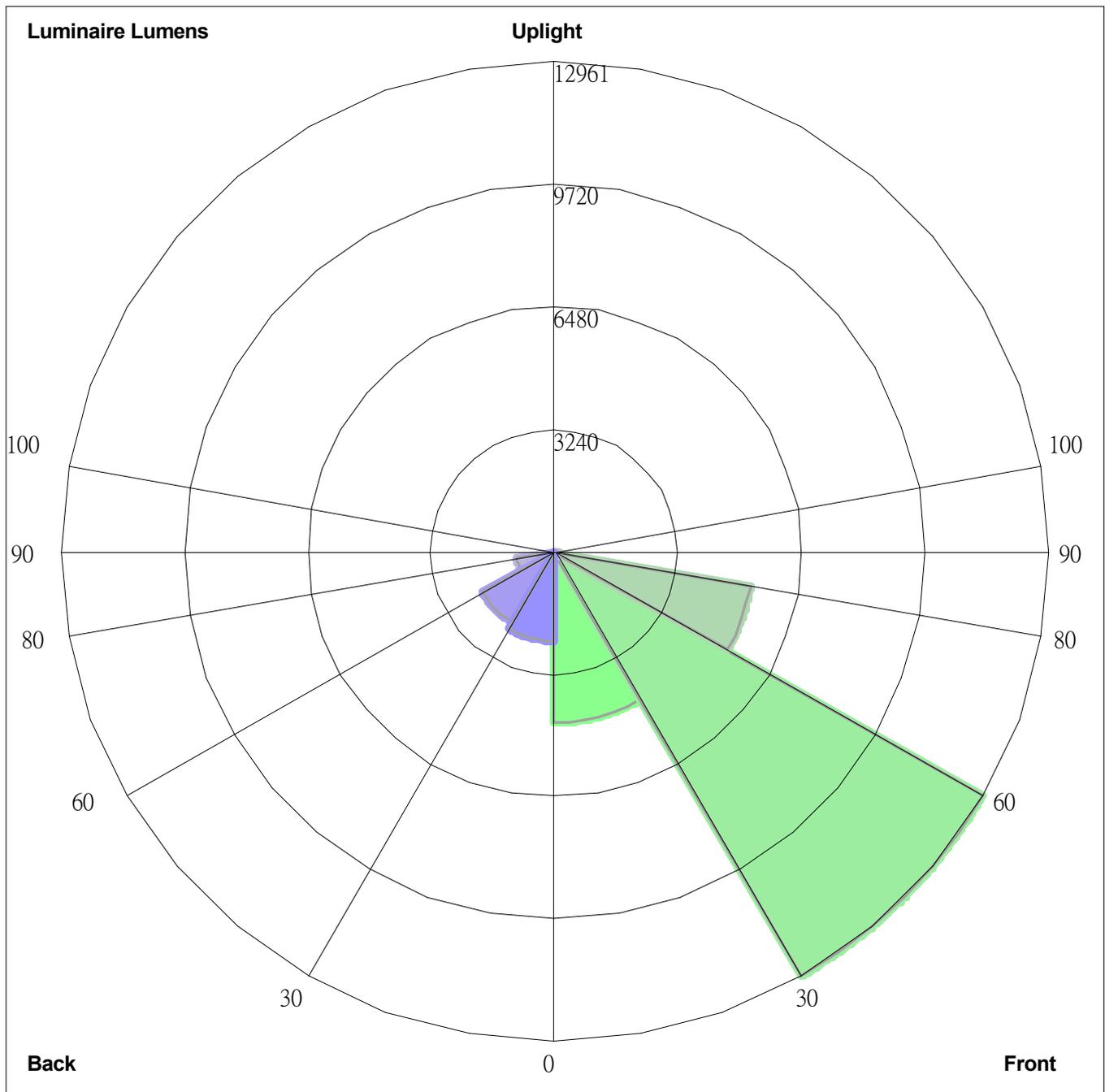
Maximum Candela = 16582.074 Located At Horizontal Angle = 305, Vertical Angle = 57.5
1 - Vertical Plane Through Horizontal Angles (305 - 125) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (57.5) (Through Max. Cd.)

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=4514.3, Medium=12960.5, High=5223.1, Very High=103.2
Back: Low=2352.8, Medium= 2162.0, High=994.5, Very High=30.7
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3