



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCL3-80J-MV-27K-5-XX-300 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCL3-80J-MV-30K-5-XX-325

[ISSUE DATE] 12/16/2022

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCL3-80J-MV-27K-5-XX-300

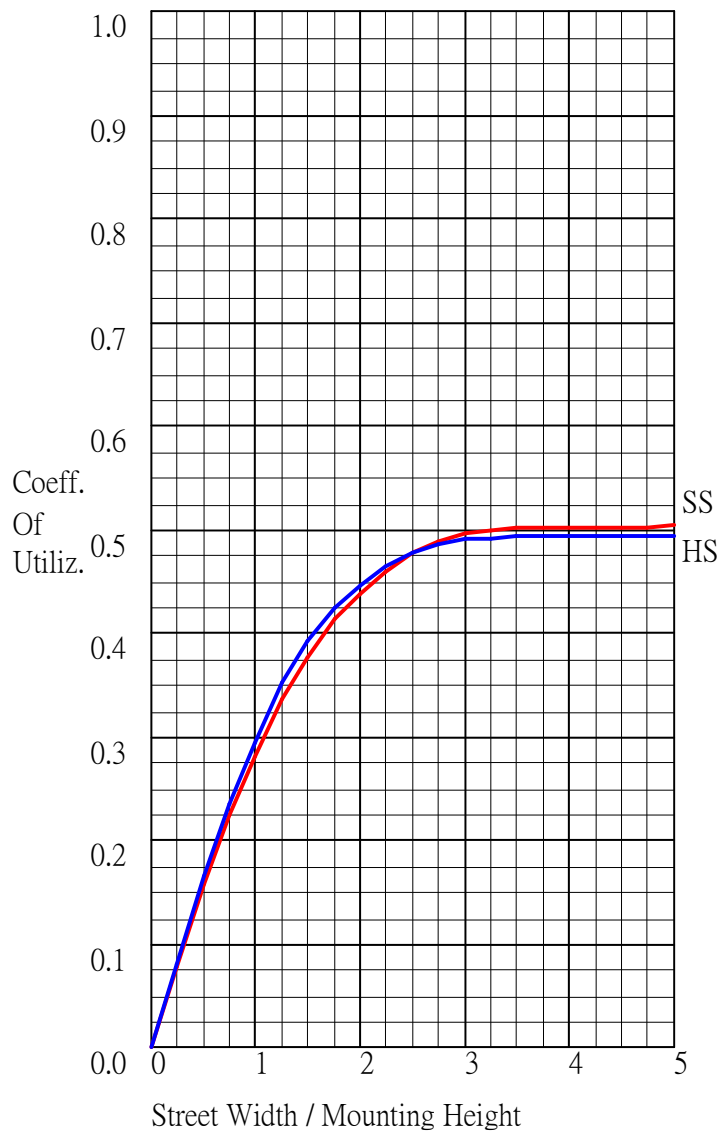
CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	30031
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	121
Total Luminaire Watts	248
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	12855.453
Maximum Candela Angle	315H 67.5V
Maximum Candela (<90 Degrees Vertical)	12855.453
Maximum Candela Angle (<90 Degrees Vertical)	315H 67.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	397.374 (1.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1863.0	N.A.	6.2
FM - Front-Medium (30-60)	7194.2	N.A.	24.0
FH - Front-High (60-80)	6059.1	N.A.	20.2
FVH - Front-Very High (80-90)	49.1	N.A.	0.2
BL - Back-Low (0-30)	1982.2	N.A.	6.6
BM - Back-Medium (30-60)	7533.8	N.A.	25.1
BH - Back-High (60-80)	5332.0	N.A.	17.8
BVH - Back-Very High (80-90)	17.8	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	30031.2	N.A.	100.0
BUG Rating	B5-U0-G3		

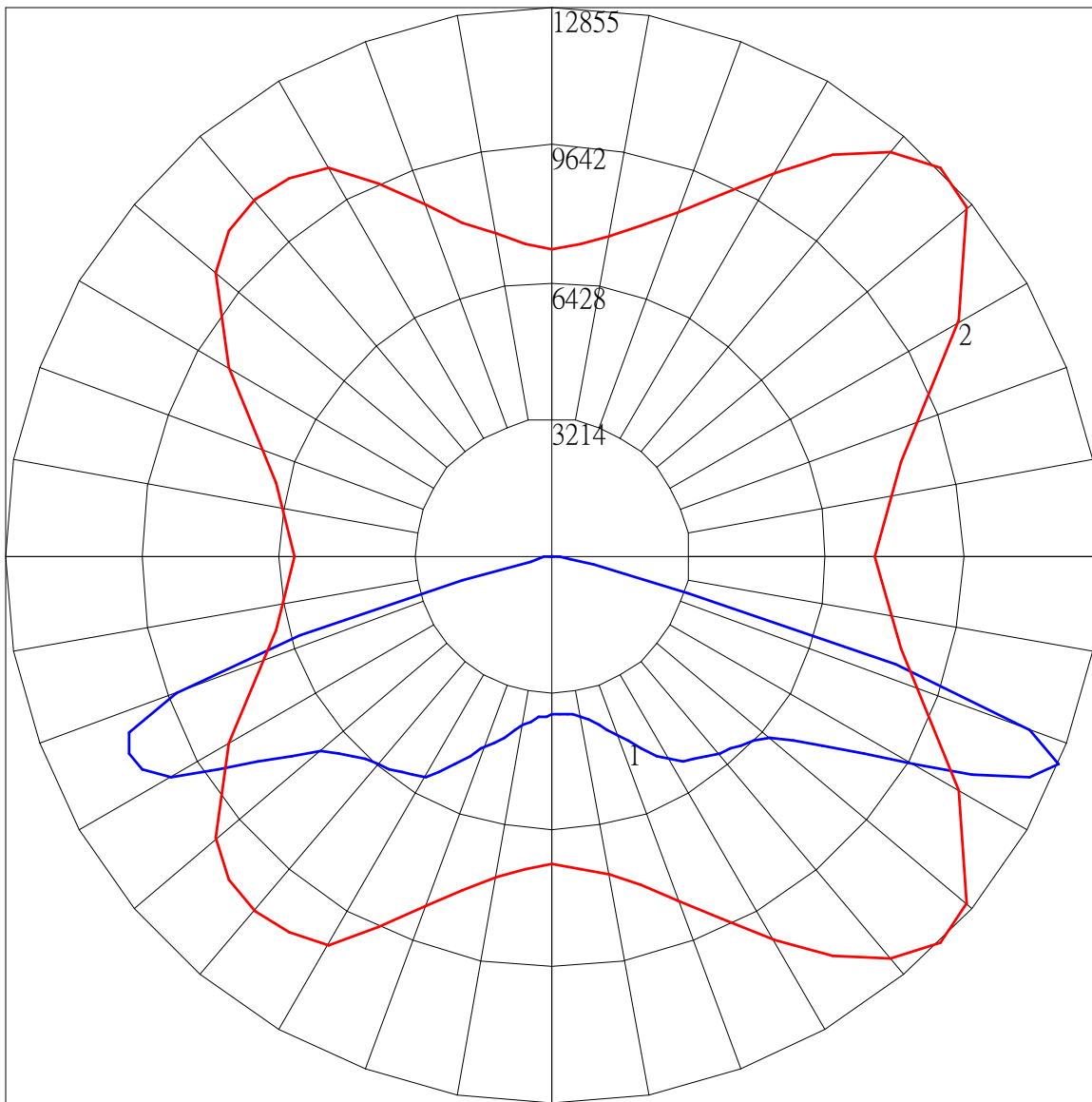
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

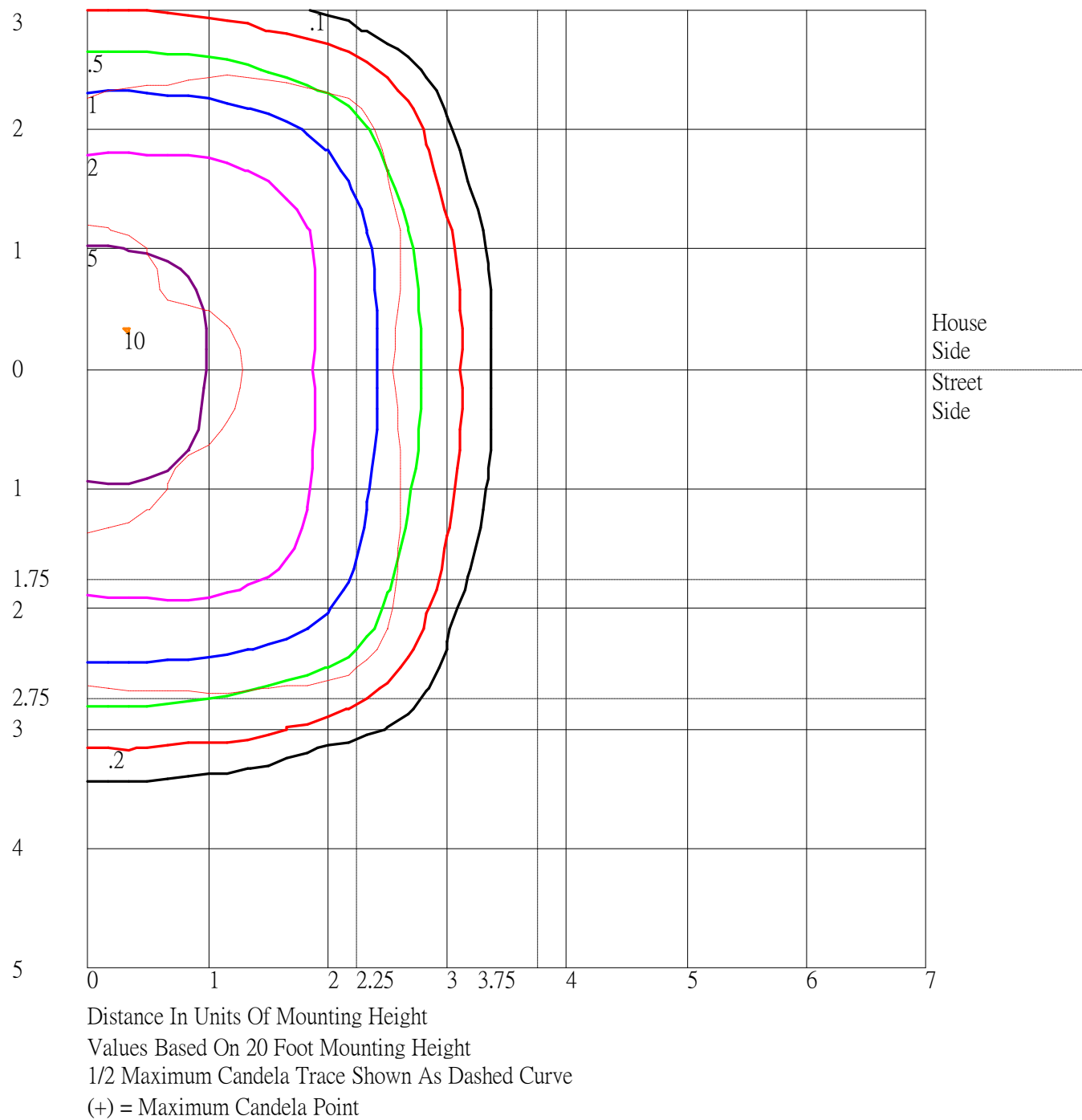
	Lumens	Percent Of Luminaire
Downward Street Side	15165.4	50.5
Downward House Side	14865.8	49.5
Downward Total	30031.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	30031.2	100.0

POLAR GRAPH

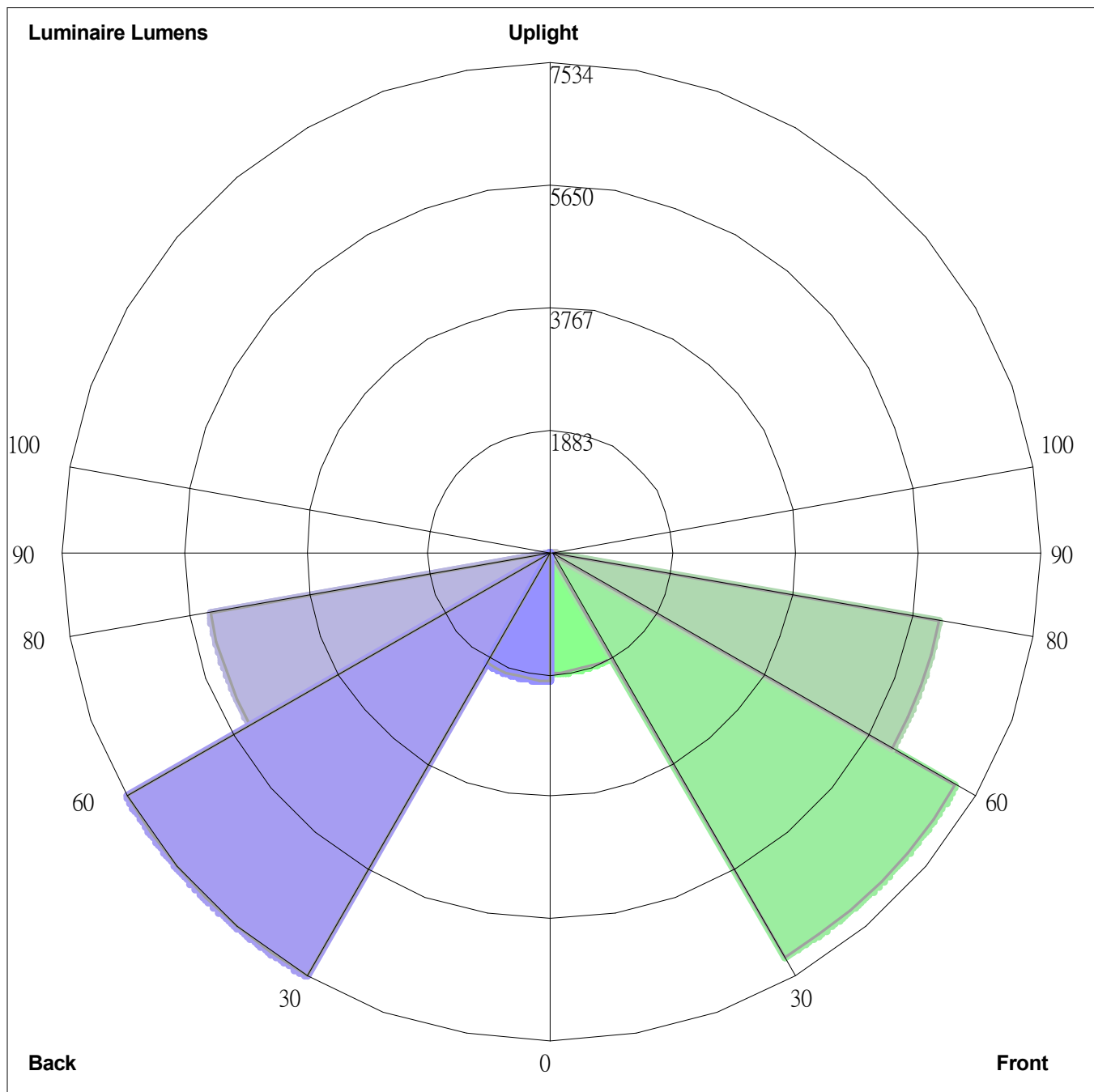


Maximum Candela = 12855.453 Located At Horizontal Angle = 315, Vertical Angle = 67.5
1 - Vertical Plane Through Horizontal Angles (315 - 135) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (67.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low= 1863.0, Medium=7194.2, High=6059.1, Very High=49.1
Back: Low=1982.2, Medium=7533.8, High= 5332.0, Very High=17.8
Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G3