



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCL2-80J-MV-27K-5-XX-260 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
 [ISSUE DATE] 6/24/2019
 [MANUFAC] Leotek Electronics USA LLC
 [LUMCAT] GCL2-80J-MV-27K-5-XX-275

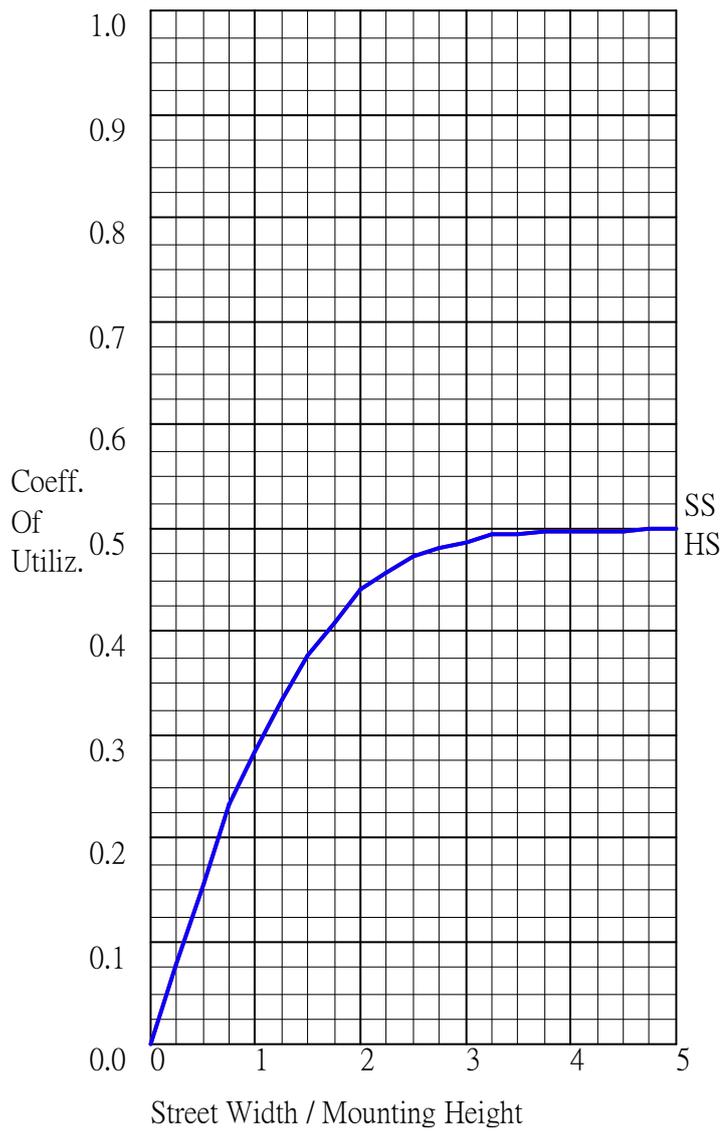
CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	27161
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	132
Total Luminaire Watts	206
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	10834.796
Maximum Candela Angle	50H 67V
Maximum Candela (<90 Degrees Vertical)	10834.796
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	374.232 (1.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1706.1	N.A.	6.3
FM - Front-Medium (30-60)	6410.5	N.A.	23.6
FH - Front-High (60-80)	5434.1	N.A.	20.0
FVH - Front-Very High (80-90)	30.0	N.A.	0.1
BL - Back-Low (0-30)	1706.1	N.A.	6.3
BM - Back-Medium (30-60)	6410.5	N.A.	23.6
BH - Back-High (60-80)	5434.1	N.A.	20.0
BVH - Back-Very High (80-90)	30.0	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	27161.4	N.A.	100.0
BUG Rating	B5-U0-G3		

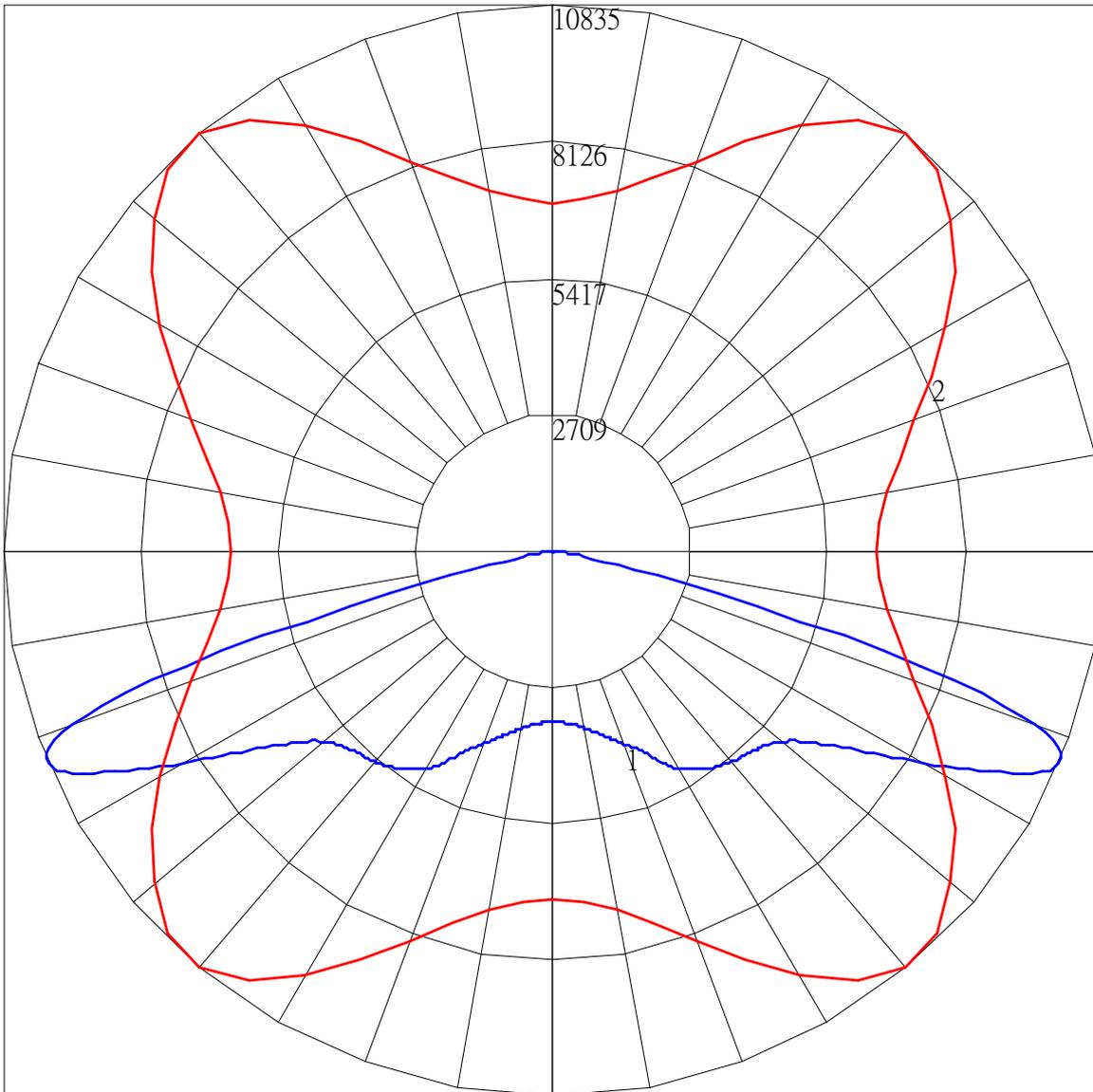
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

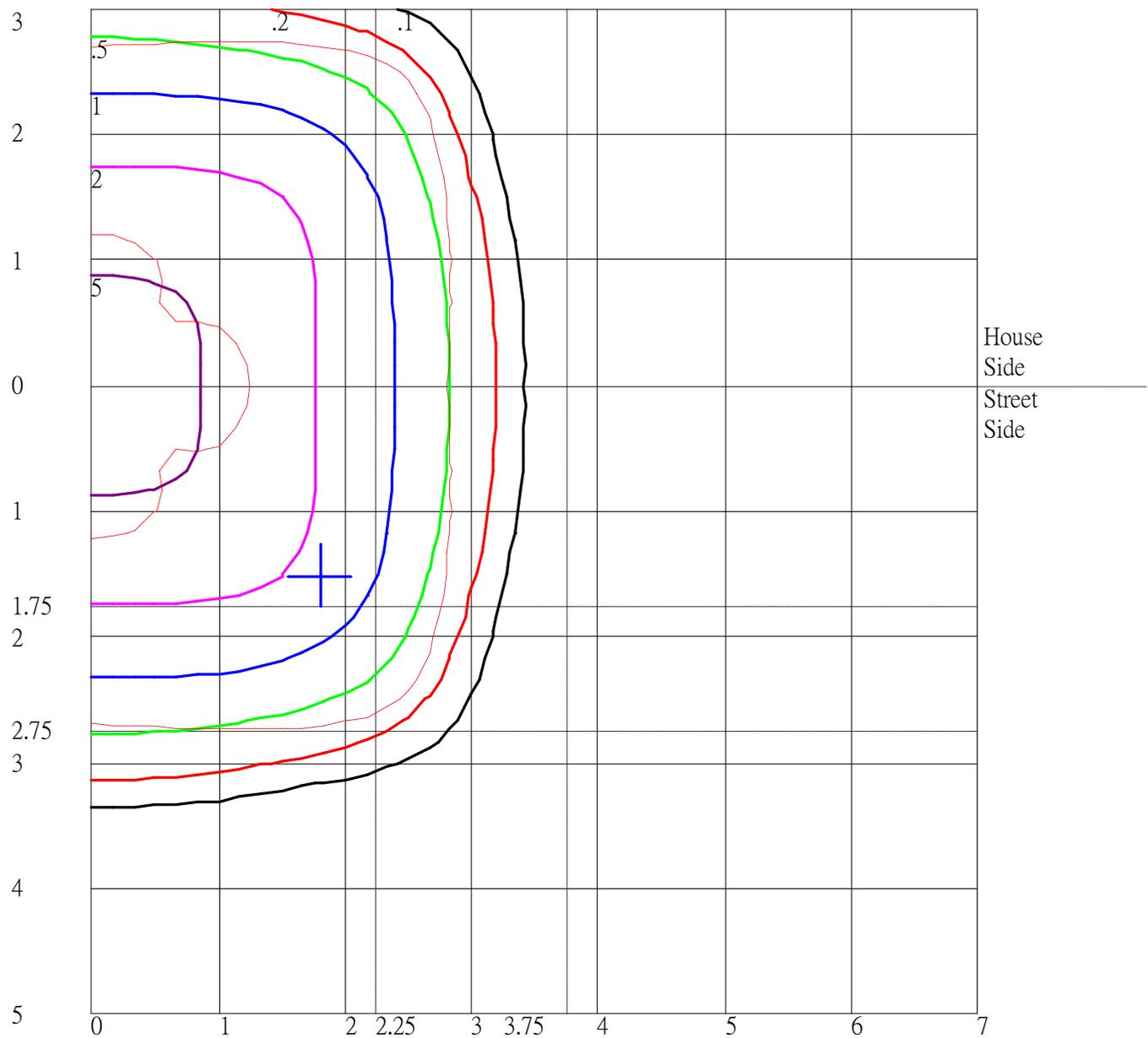
	Lumens	Percent Of Luminaire
Downward Street Side	13580.7	50.0
Downward House Side	13580.7	50.0
Downward Total	27161.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	27161.2	100.0

POLAR GRAPH



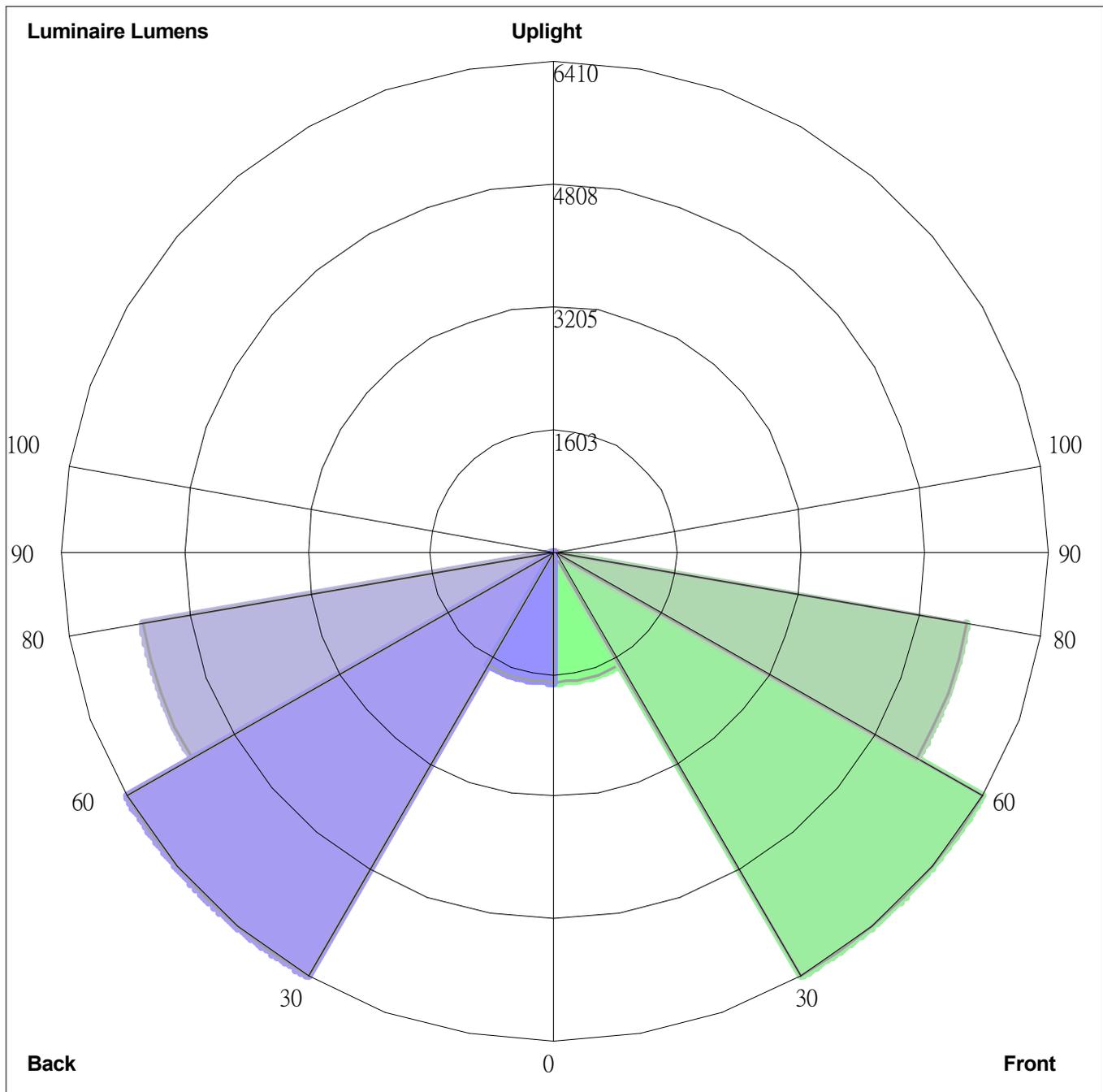
Maximum Candela = 10834.796 Located At Horizontal Angle = 50, Vertical Angle = 67
1 - Vertical Plane Through Horizontal Angles (50 - 230) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (67) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



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=1706.1, Medium=6410.5, High=5434.1, Very High=30.0
 Back: Low=1706.1, Medium=6410.5, High=5434.1, Very High=30.0
 Uplight: Low=0.0, High=0.0

BUG Rating : B5-U0-G3