



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM1-60J-MV-27K-5-XX-125 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM1-60J-MV-30K-5-XX-125

[ISSUEDATE] 10/5/2020

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM1-60J-MV-27K-5-XX-125

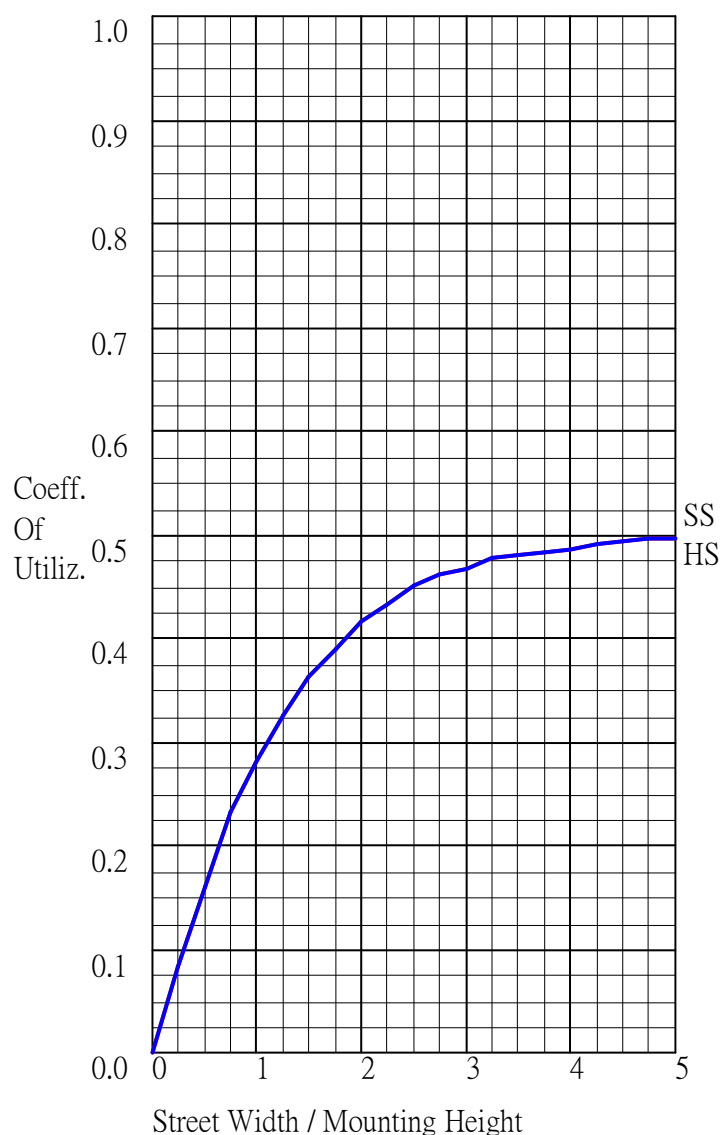
CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	13174
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	155
Total Luminaire Watts	85
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4120.776
Maximum Candela Angle	45H 71.5V
Maximum Candela (<90 Degrees Vertical)	4120.776
Maximum Candela Angle (<90 Degrees Vertical)	45H 71.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1068.606 (8.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	924.6	N.A.	7.0
FM - Front-Medium (30-60)	2791.8	N.A.	21.2
FH - Front-High (60-80)	2774.0	N.A.	21.1
FVH - Front-Very High (80-90)	96.7	N.A.	0.7
BL - Back-Low (0-30)	924.6	N.A.	7.0
BM - Back-Medium (30-60)	2791.8	N.A.	21.2
BH - Back-High (60-80)	2774.0	N.A.	21.1
BVH - Back-Very High (80-90)	96.7	N.A.	0.7
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	13174.2	N.A.	100.0
BUG Rating	B4-U0-G2		

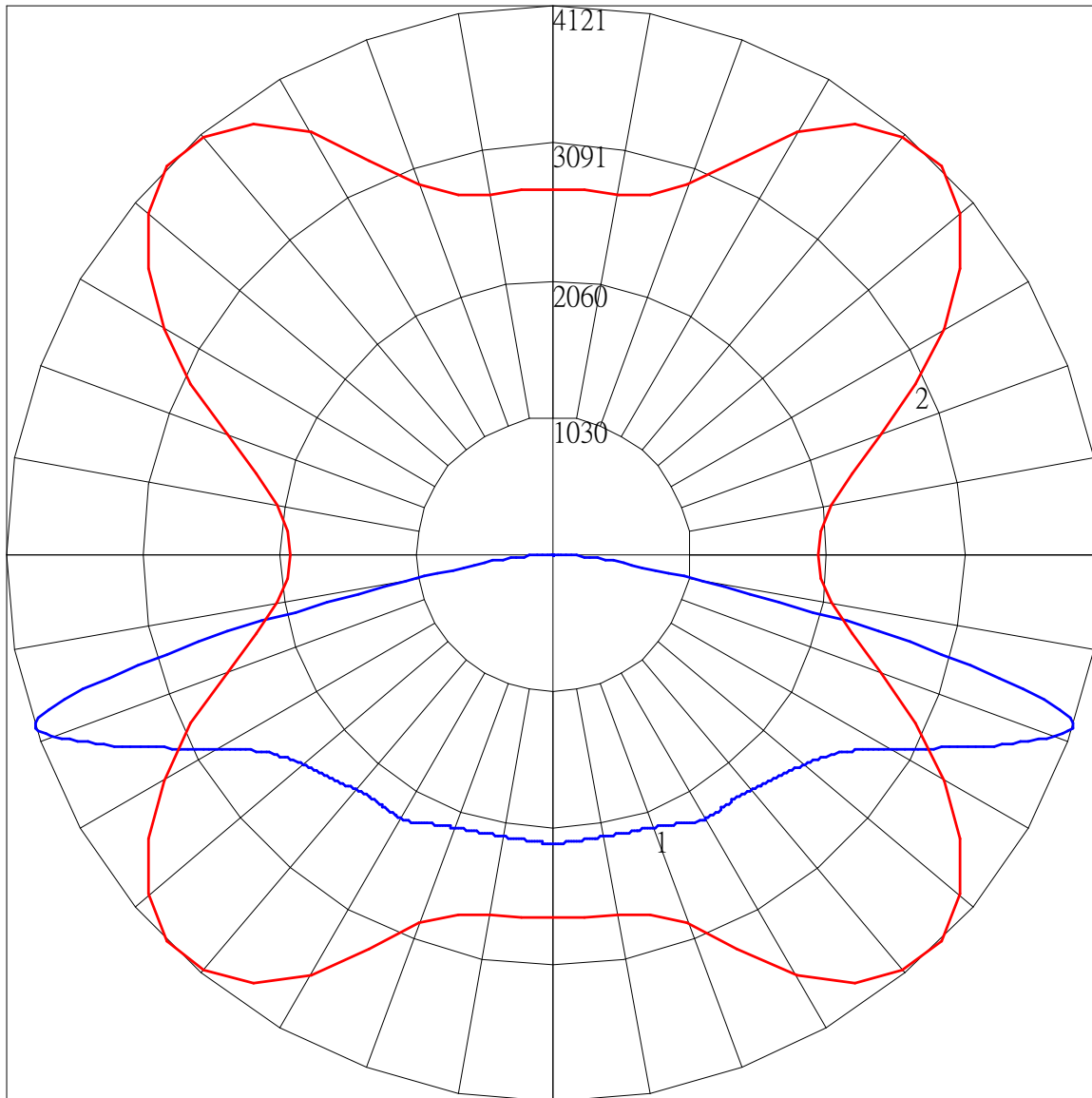
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	6587.2	50.0
Downward House Side	6587.2	50.0
Downward Total	13174.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	13174.4	100.0

POLAR GRAPH

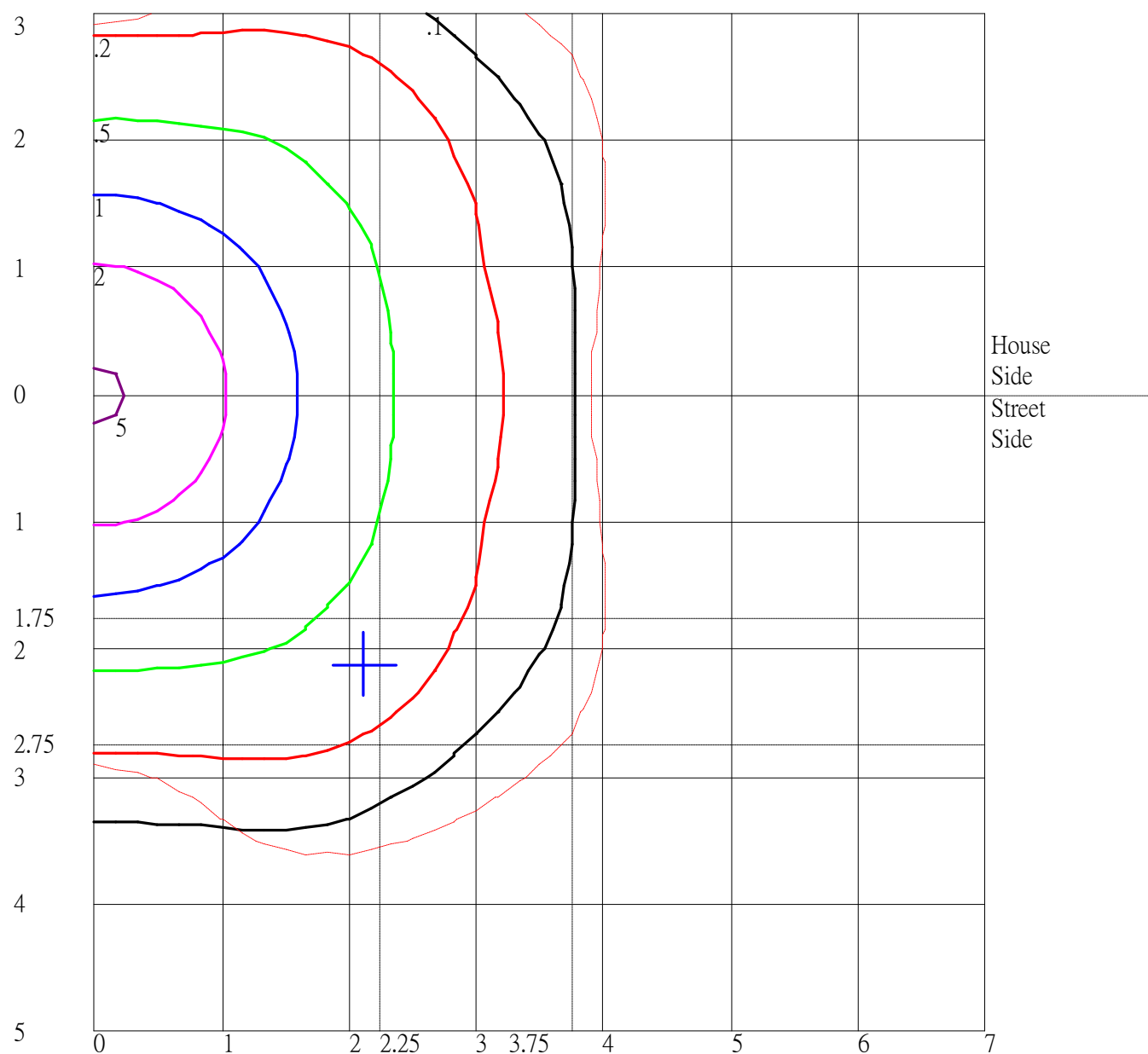


Maximum Candela = 4120.776 Located At Horizontal Angle = 45, Vertical Angle = 71.5

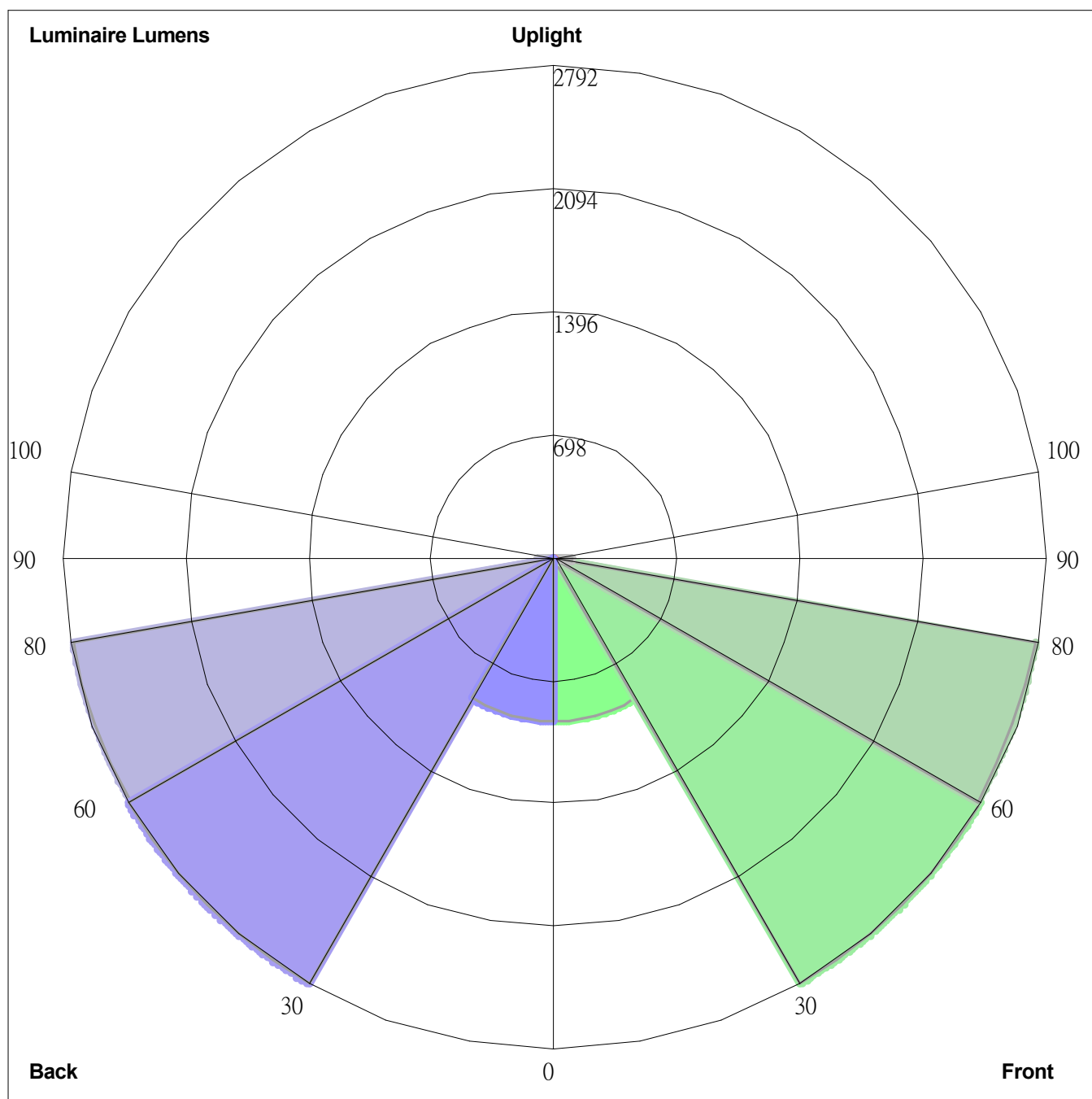
1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (71.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=924.6, Medium=2791.8, High= 2774.0, Very High=96.7
Back: Low=924.6, Medium=2791.8, High= 2774.0, Very High=96.7
Uplight: Low=0.0, High=0.0

BUG Rating : B4-U0-G2