



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM1-60J-MV-27K-3R-XX-120 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM1-60J-MV-30K-3R-XX-125

[ISSUE DATE] 9/25/2020

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM1-60J-MV-27K-3R-XX-120

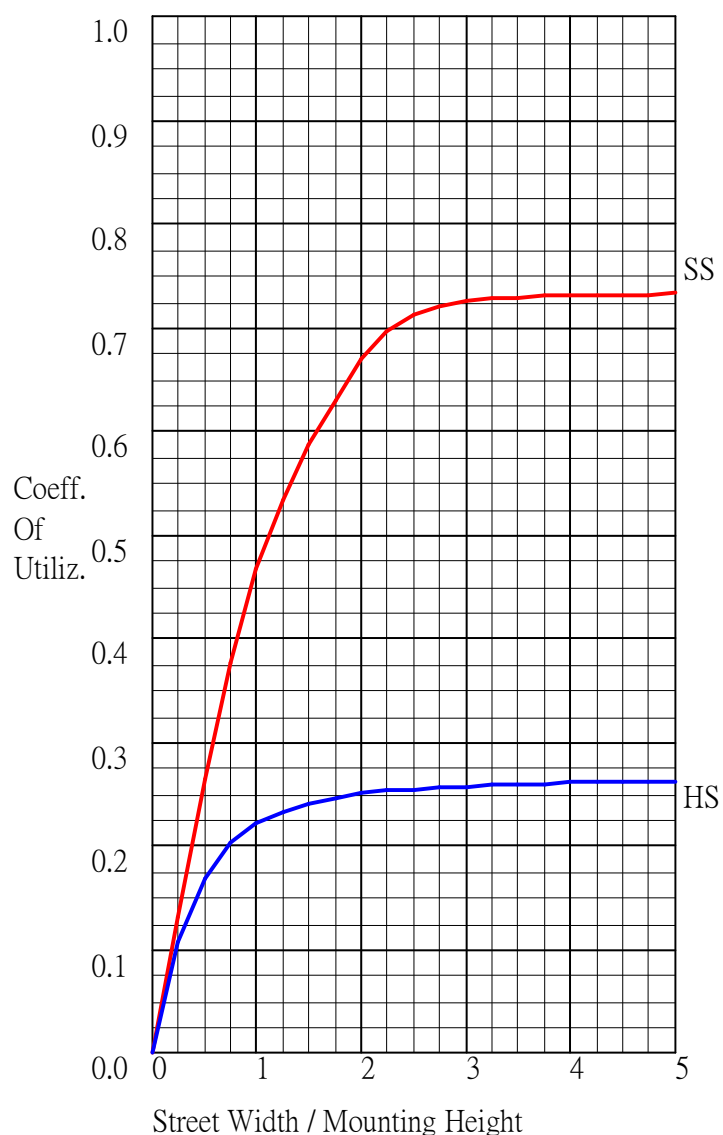
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	11933
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	149
Total Luminaire Watts	80
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	5439.002
Maximum Candela Angle	65H 72.5V
Maximum Candela (<90 Degrees Vertical)	5439.002
Maximum Candela Angle (<90 Degrees Vertical)	65H 72.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1485.604 (12.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1305.9	N.A.	10.9
FM - Front-Medium (30-60)	4224.1	N.A.	35.4
FH - Front-High (60-80)	3157.7	N.A.	26.5
FVH - Front-Very High (80-90)	85.1	N.A.	0.7
BL - Back-Low (0-30)	790.2	N.A.	6.6
BM - Back-Medium (30-60)	1553.3	N.A.	13.0
BH - Back-High (60-80)	776.3	N.A.	6.5
BVH - Back-Very High (80-90)	40.7	N.A.	0.3
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	11933.3	N.A.	100.0
BUG Rating	B2-U0-G2		

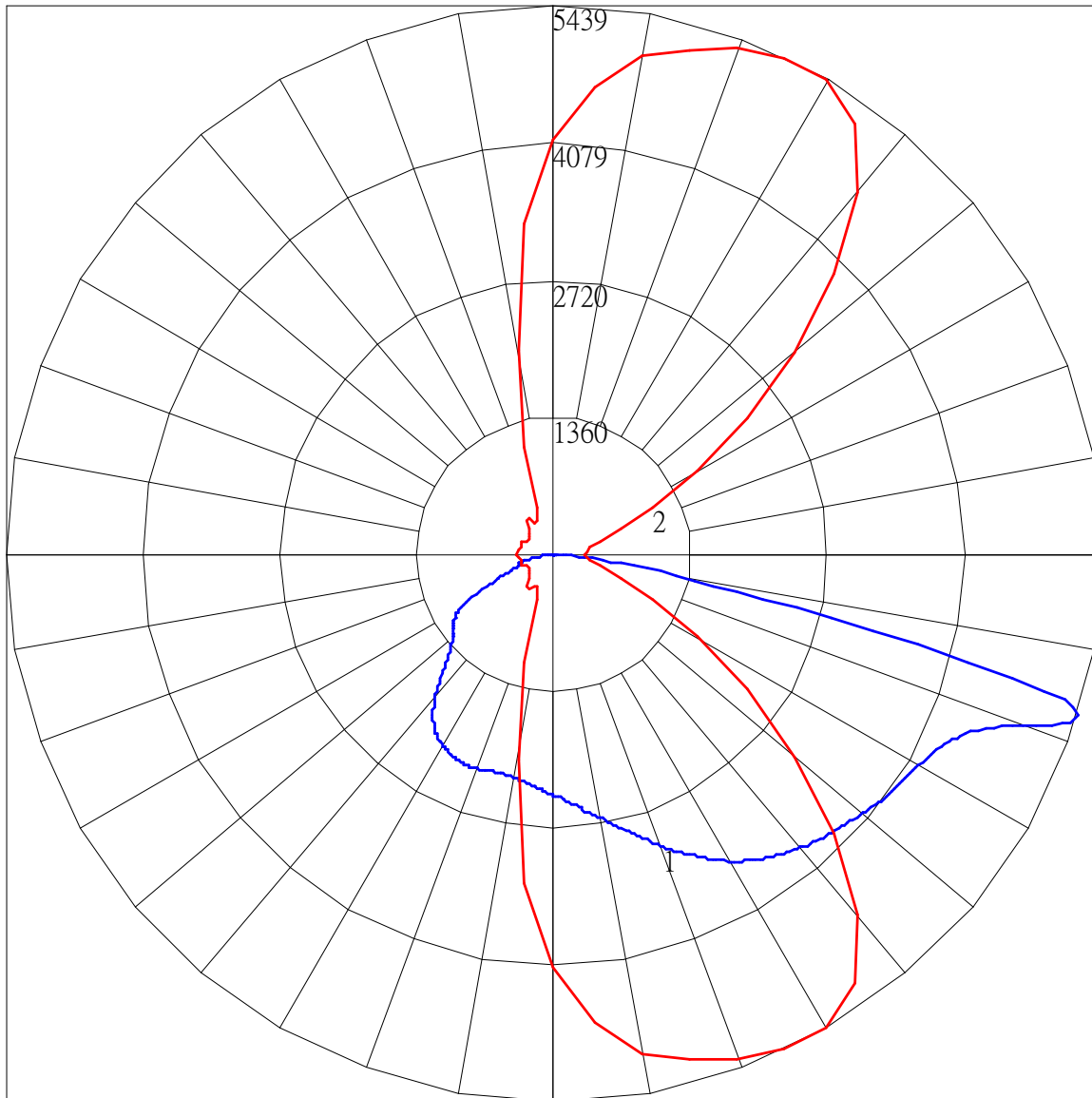
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	8772.9	73.5
Downward House Side	3160.5	26.5
Downward Total	11933.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	11933.4	100.0

POLAR GRAPH

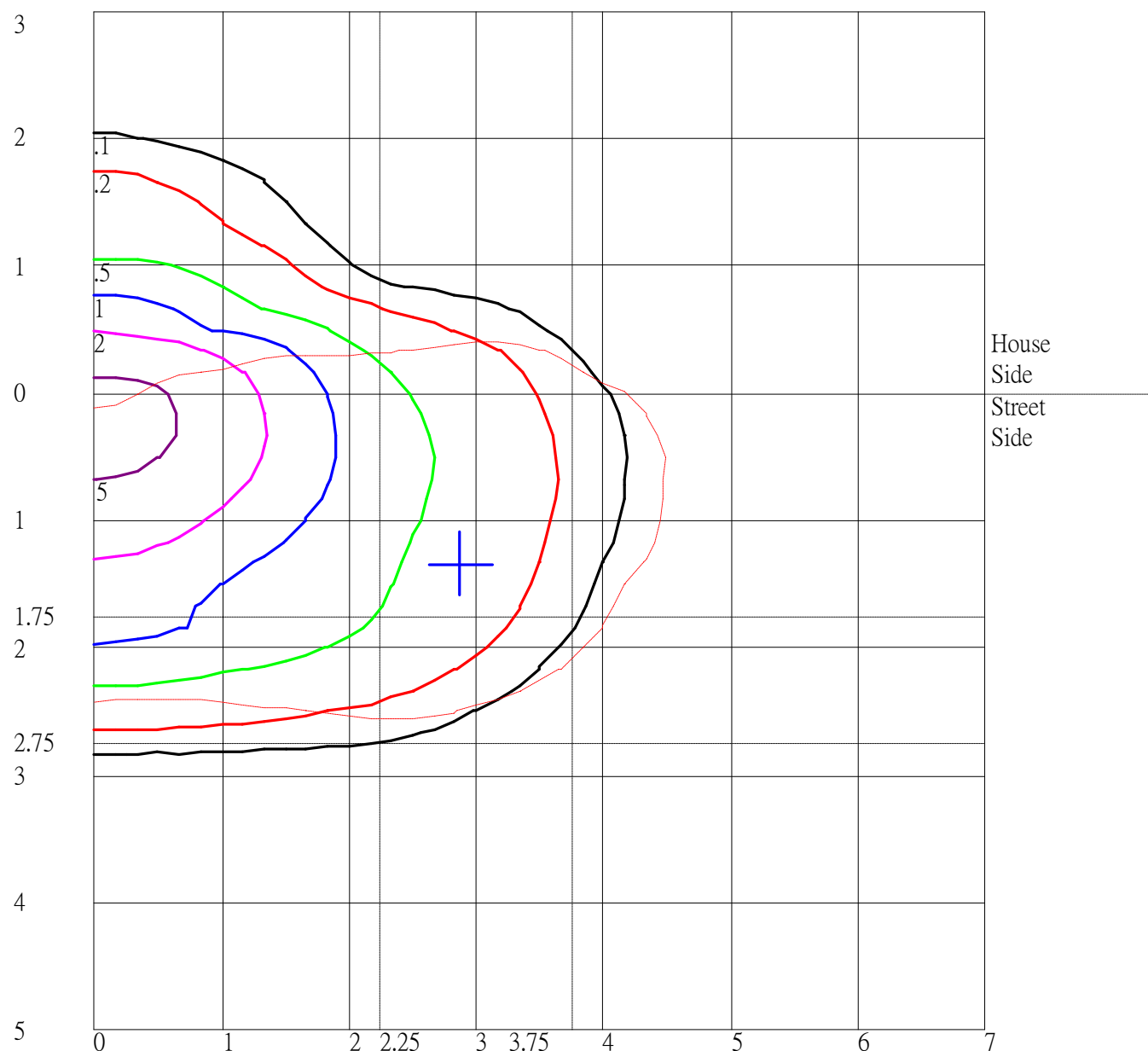


Maximum Candela = 5439.002 Located At Horizontal Angle = 65, Vertical Angle = 72.5

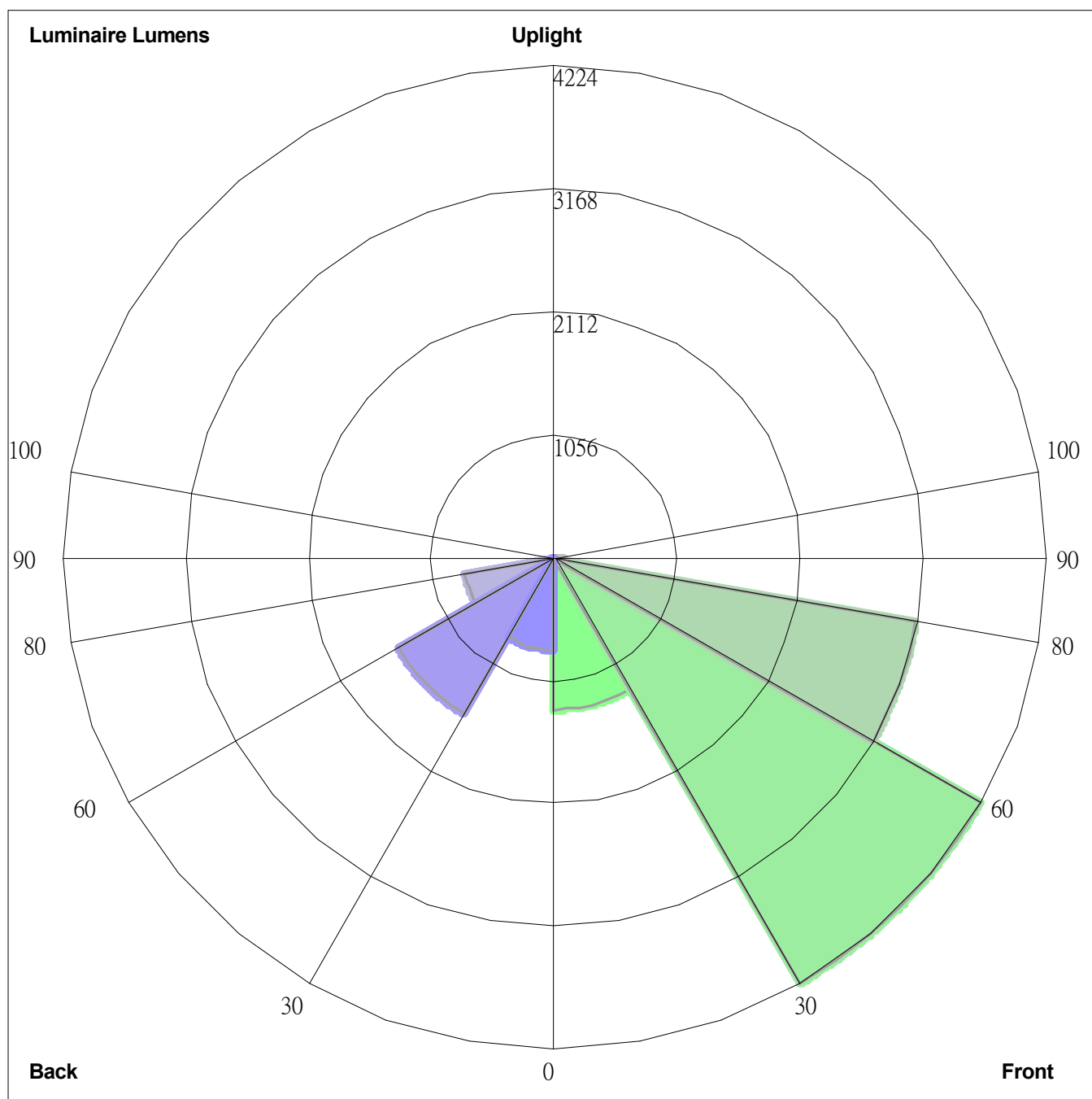
1 - Vertical Plane Through Horizontal Angles (65 - 245) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (72.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1305.9, Medium=4224.1, High=3157.7, Very High=85.1
Back: Low=790.2, Medium=1553.3, High=776.3, Very High=40.7
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2