



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM4-60J-MV-27K-3F-XX-215 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM4-60J-MV-30K-3F-XX-240-PCR

[ISSUEDATE] 11/10/2022

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM4-60J-MV-27K-3F-XX-215

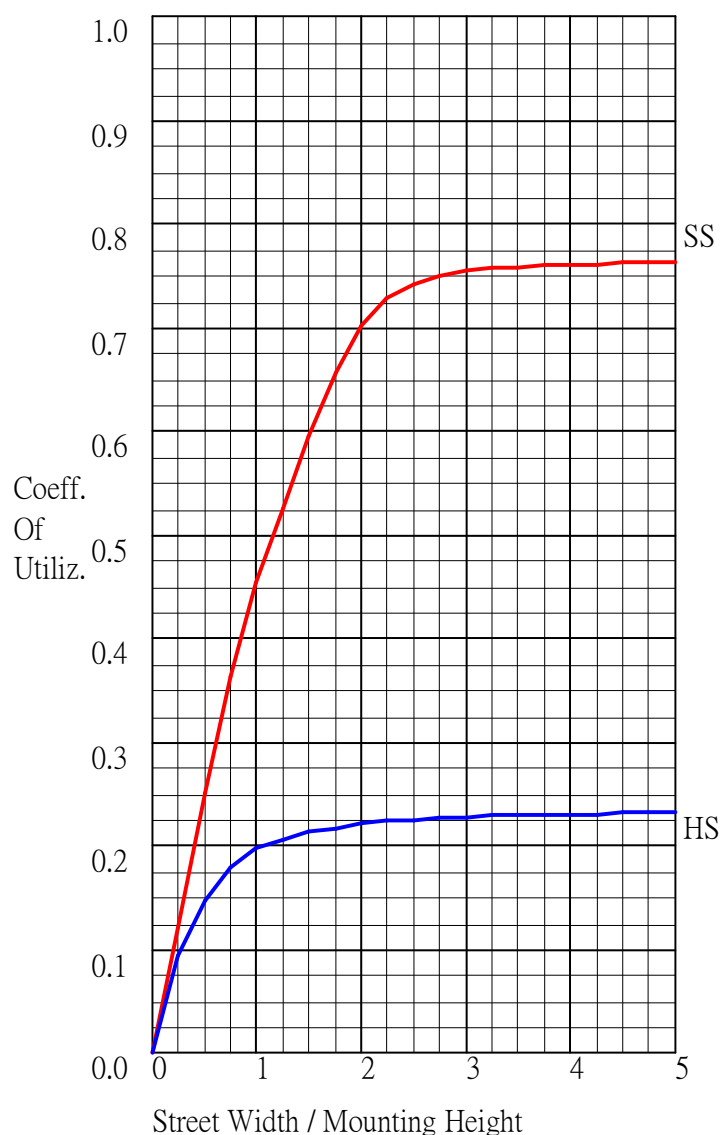
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	21004
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	142
Total Luminaire Watts	148
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	12329.105
Maximum Candela Angle	0H 58V
Maximum Candela (<90 Degrees Vertical)	12329.105
Maximum Candela Angle (<90 Degrees Vertical)	0H 58V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	717.662 (3.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2246.6	N.A.	10.7
FM - Front-Medium (30-60)	8073.4	N.A.	38.4
FH - Front-High (60-80)	5696.8	N.A.	27.1
FVH - Front-Very High (80-90)	80.3	N.A.	0.4
BL - Back-Low (0-30)	1370.6	N.A.	6.5
BM - Back-Medium (30-60)	2391.4	N.A.	11.4
BH - Back-High (60-80)	1102.7	N.A.	5.3
BVH - Back-Very High (80-90)	42.1	N.A.	0.2
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	21003.9	N.A.	100.0
BUG Rating	B3-U0-G3		

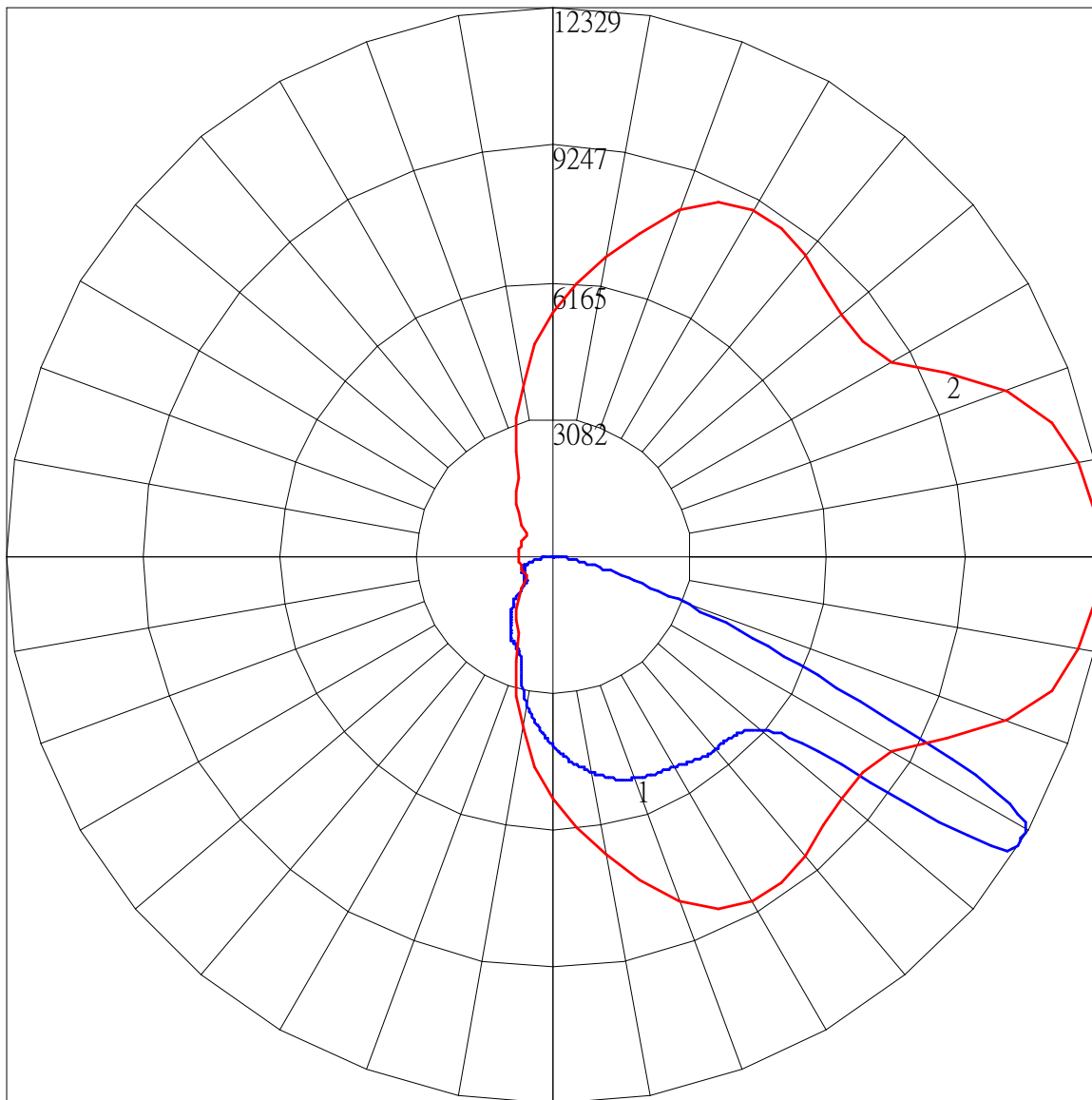
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	16097.2	76.6
Downward House Side	4907.0	23.4
Downward Total	21004.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	21004.2	100.0

POLAR GRAPH

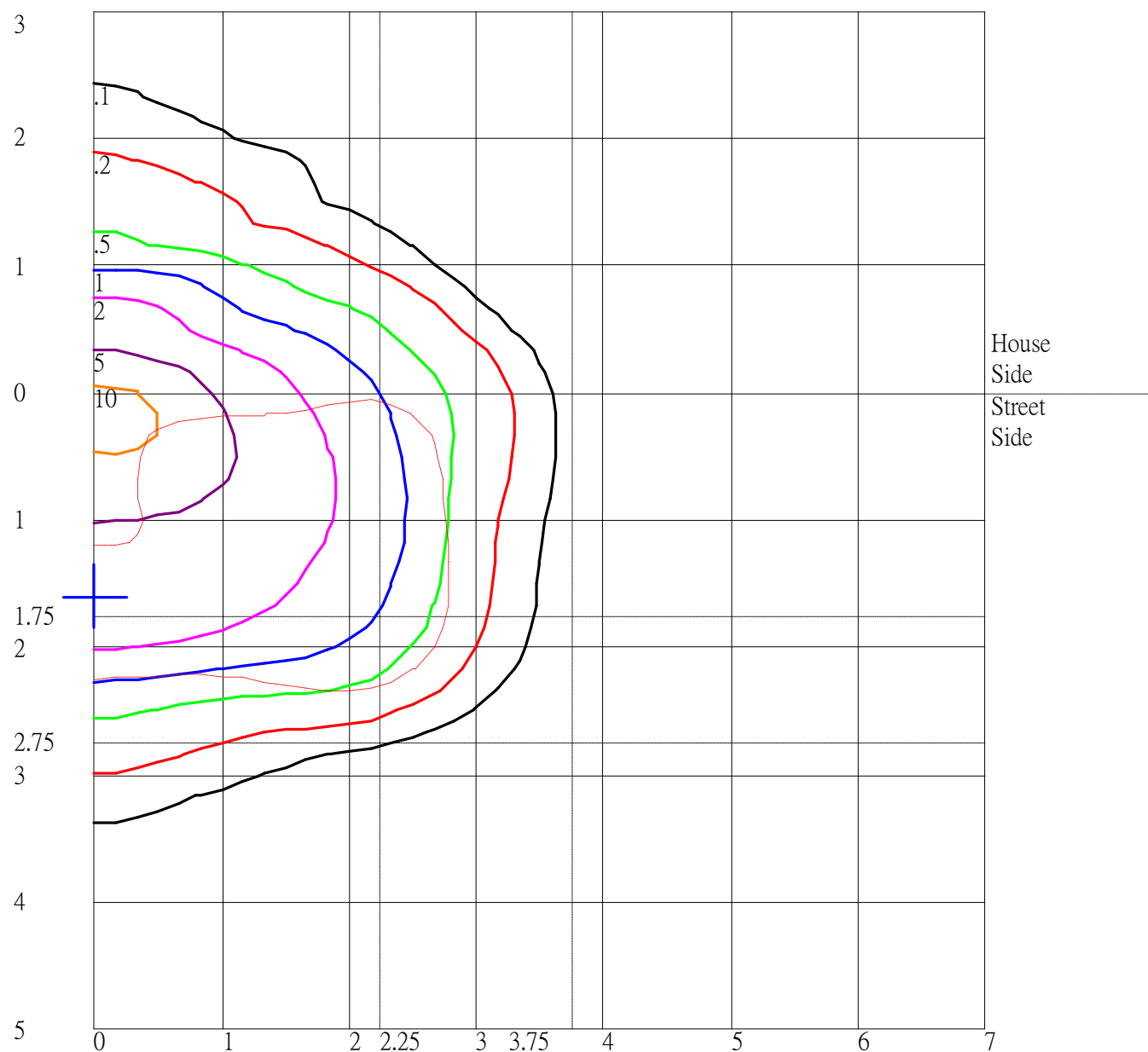


Maximum Candela = 12329.105 Located At Horizontal Angle = 0, Vertical Angle = 58

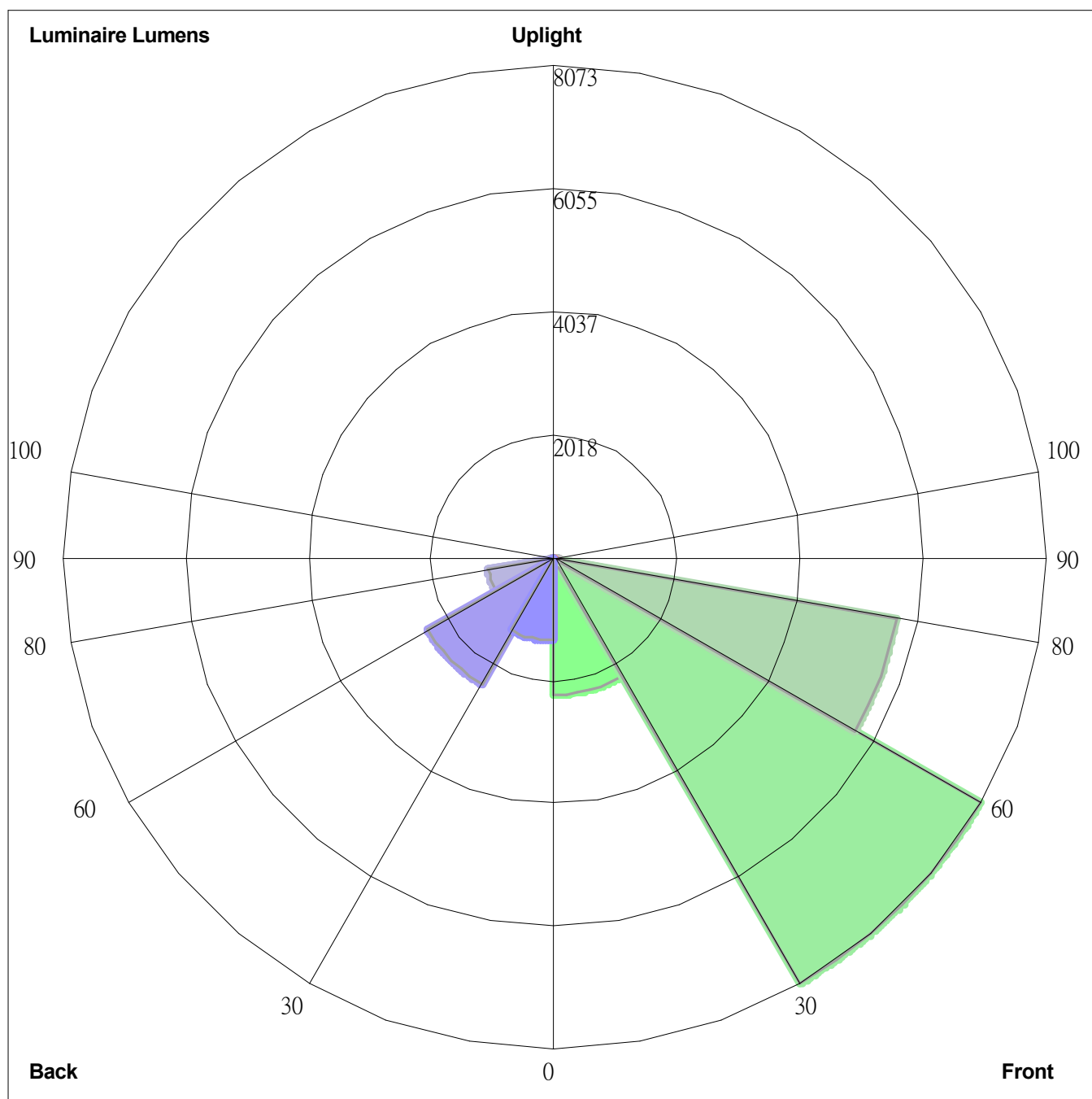
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (58) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=2246.6, Medium=8073.4, High=5696.8, Very High=80.3
Back: Low=1370.6, Medium=2391.4, High=1102.7, Very High=42.1
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3