



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM4-60J-MV-27K-5-XX-215 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM4-60J-MV-30K-5-XX-240-PCR7

[ISSUEDATE] 11/10/2022

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM4-60J-MV-27K-5-XX-215

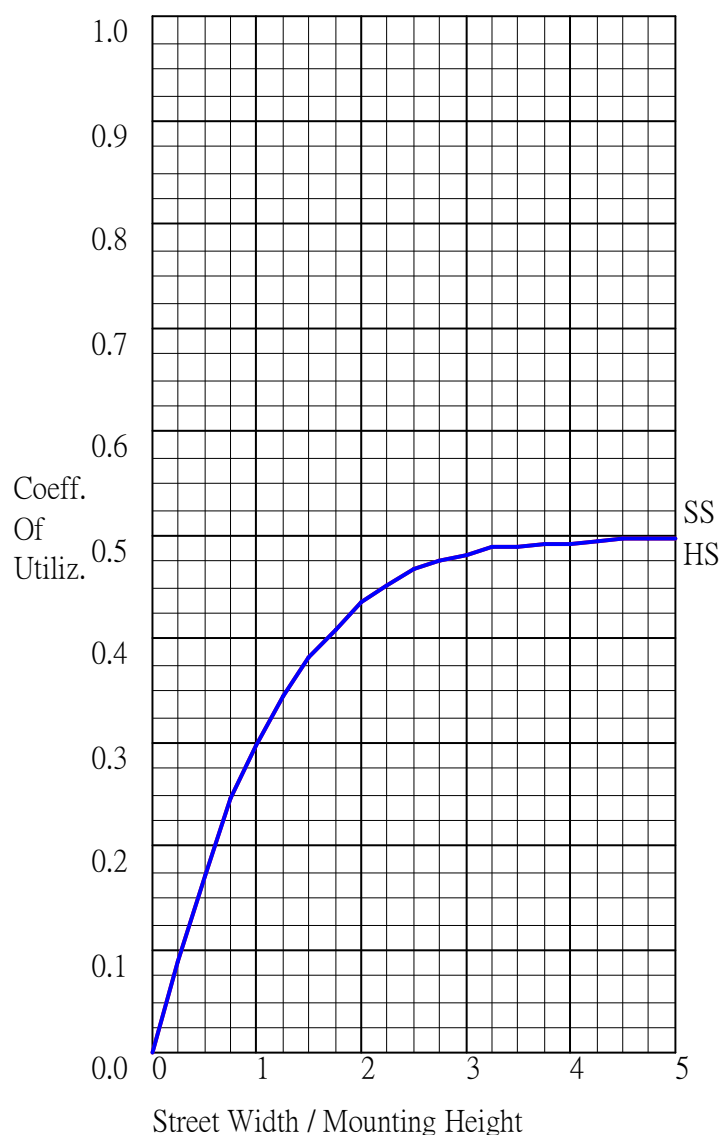
CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	21486
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	145
Total Luminaire Watts	148
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	6867.76
Maximum Candela Angle	50H 69V
Maximum Candela (<90 Degrees Vertical)	6867.76
Maximum Candela Angle (<90 Degrees Vertical)	50H 69V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	815.117 (3.8% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1599.7	N.A.	7.4
FM - Front-Medium (30-60)	4959.5	N.A.	23.1
FH - Front-High (60-80)	4110.1	N.A.	19.1
FVH - Front-Very High (80-90)	73.6	N.A.	0.3
BL - Back-Low (0-30)	1599.7	N.A.	7.4
BM - Back-Medium (30-60)	4959.5	N.A.	23.1
BH - Back-High (60-80)	4110.1	N.A.	19.1
BVH - Back-Very High (80-90)	73.6	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	21485.8	N.A.	100.0
BUG Rating	B4-U0-G2		

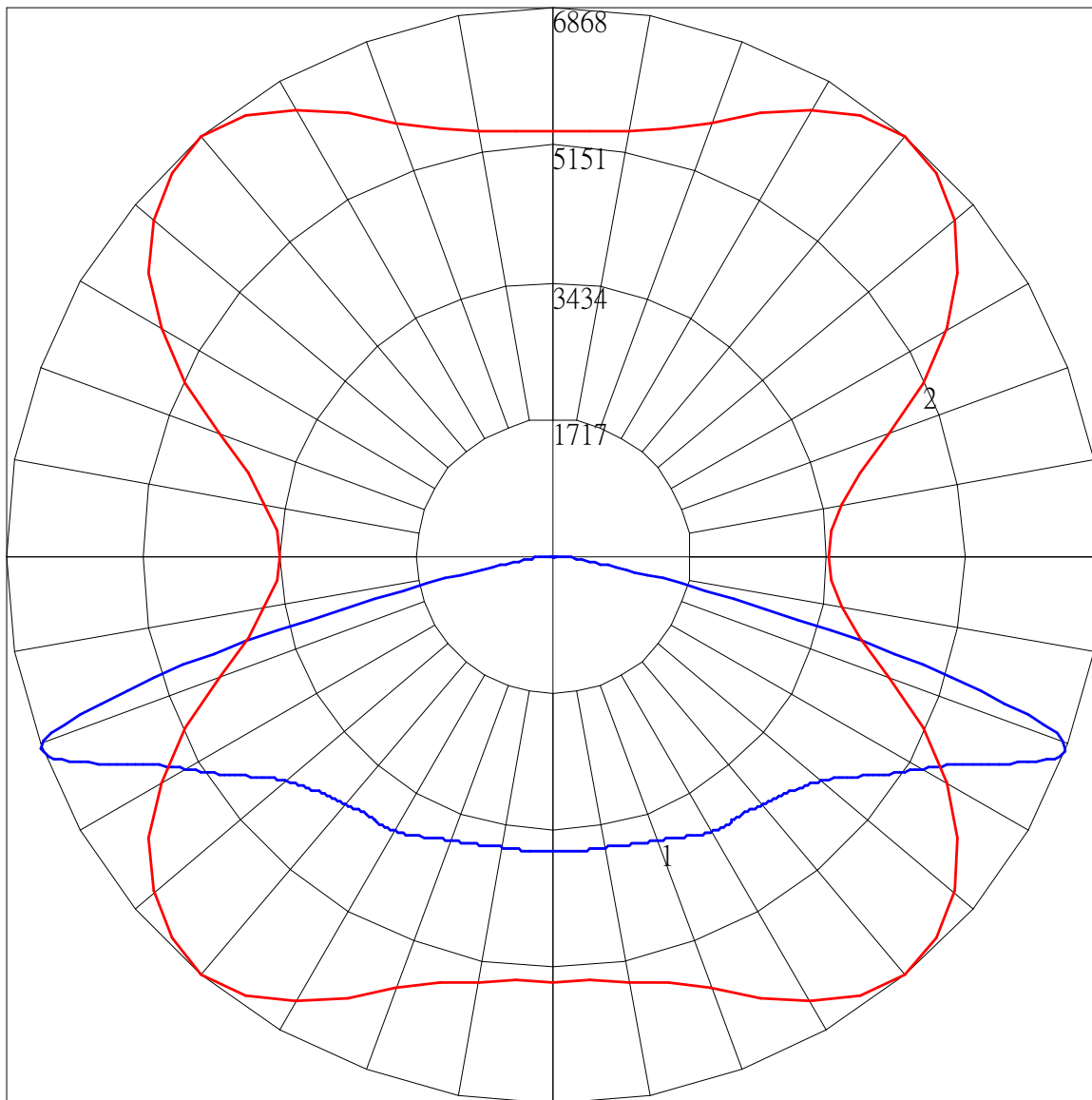
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

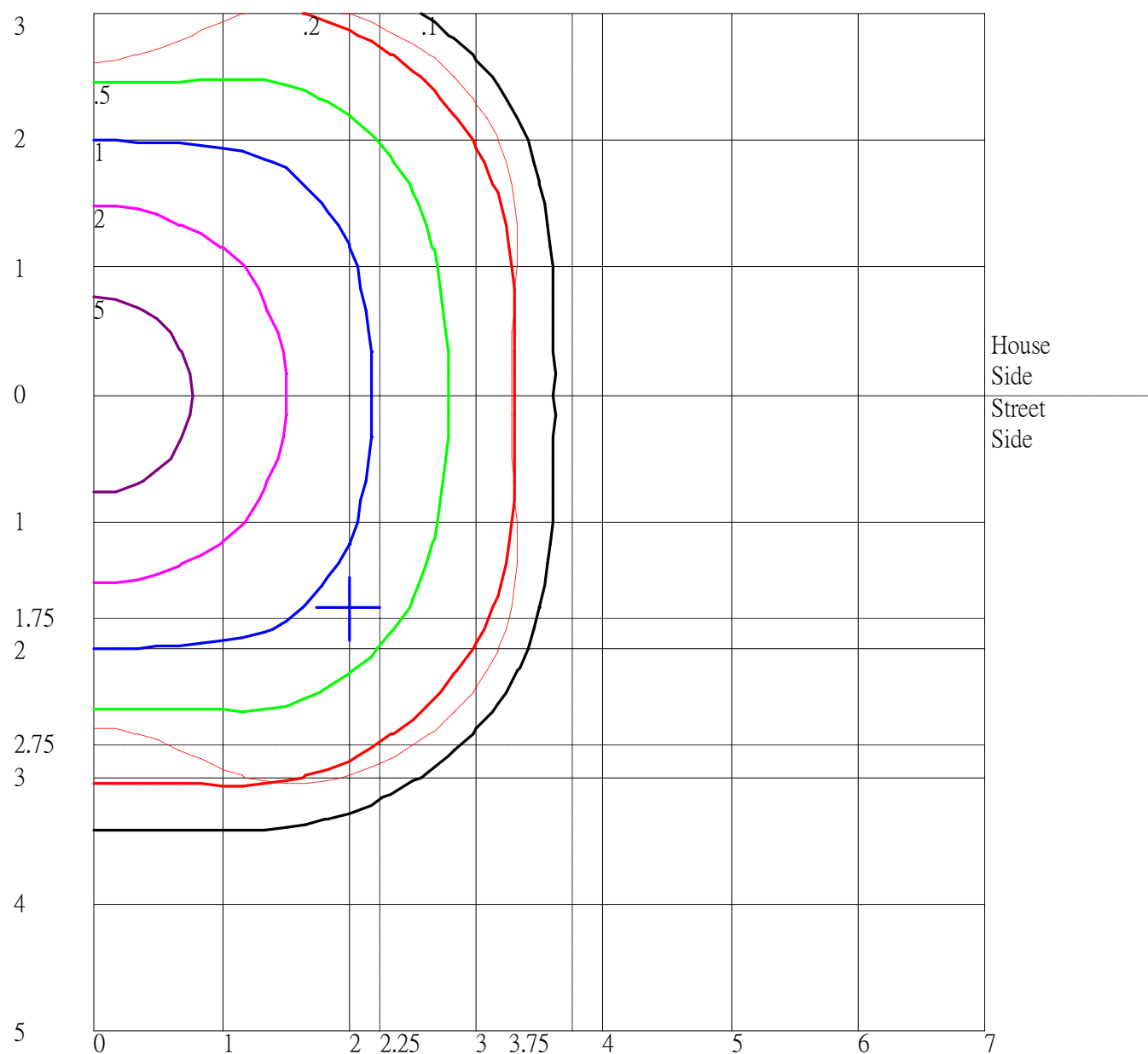
	Lumens	Percent Of Luminaire
Downward Street Side	10743.0	50.0
Downward House Side	10743.0	50.0
Downward Total	21486.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	21486.0	100.0

POLAR GRAPH



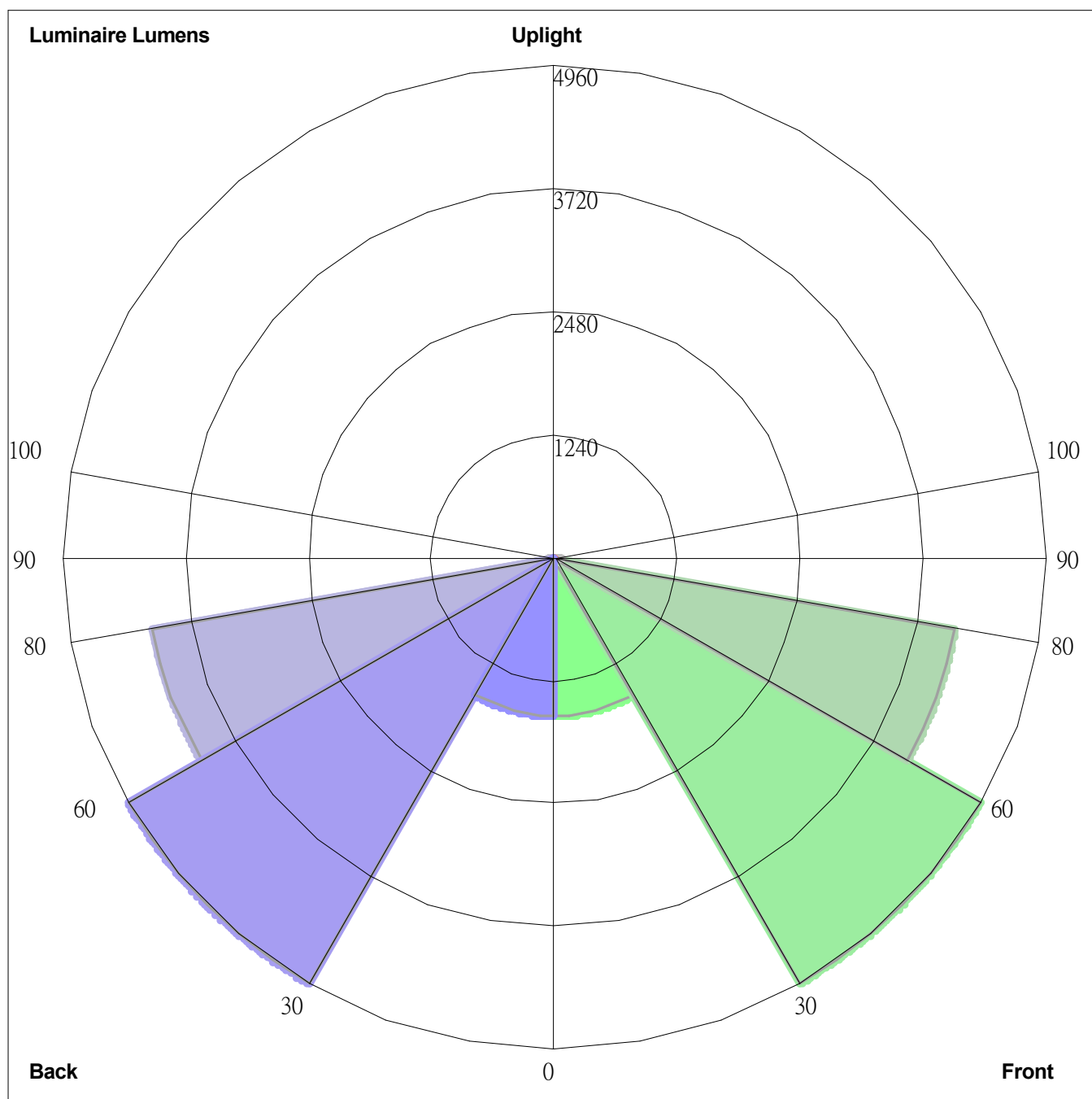
Maximum Candela = 6867.76 Located At Horizontal Angle = 50, Vertical Angle = 69
1 - Vertical Plane Through Horizontal Angles (50 - 230) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (69) (Through Max. Cd.)

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=1599.7, Medium=4959.5, High=4110.1, Very High=73.6
Back: Low=1599.7, Medium=4959.5, High=4110.1, Very High=73.6
Uplight: Low=0.0, High=0.0

BUG Rating : B4-U0-G2