



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM4-60J-MV-27K-5-XX-225 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
 [ISSUE DATE] 11/10/2022
 [MANUFAC] Leotek Electronics USA LLC
 [LUMCAT] GCM4-60J-MV-27K-5-XX-225

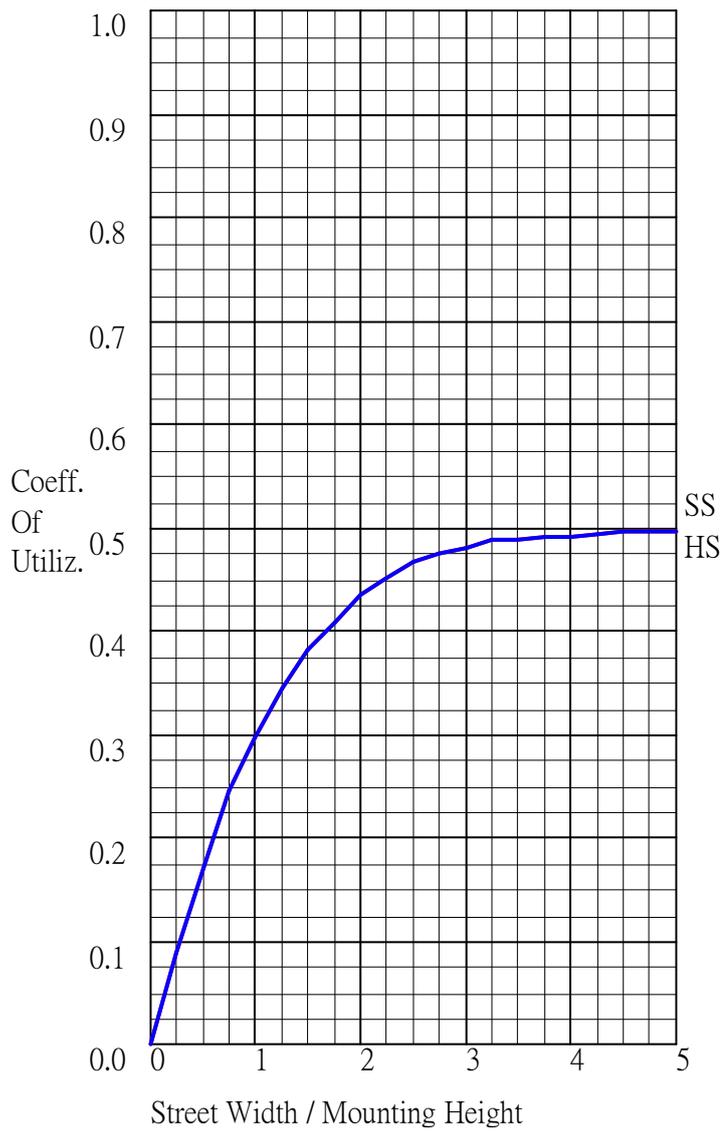
CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	22558
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	143
Total Luminaire Watts	158
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	7210.543
Maximum Candela Angle	50H 69V
Maximum Candela (<90 Degrees Vertical)	7210.543
Maximum Candela At 90 Degrees Vertical)	50H 69V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	855.801 (3.8% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1679.6	N.A.	7.4
FM - Front-Medium (30-60)	5207.1	N.A.	23.1
FH - Front-High (60-80)	4315.3	N.A.	19.1
FVH - Front-Very High (80-90)	77.3	N.A.	0.3
BL - Back-Low (0-30)	1679.6	N.A.	7.4
BM - Back-Medium (30-60)	5207.1	N.A.	23.1
BH - Back-High (60-80)	4315.3	N.A.	19.1
BVH - Back-Very High (80-90)	77.3	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	22558.6	N.A.	100.0
BUG Rating	B4-U0-G2		

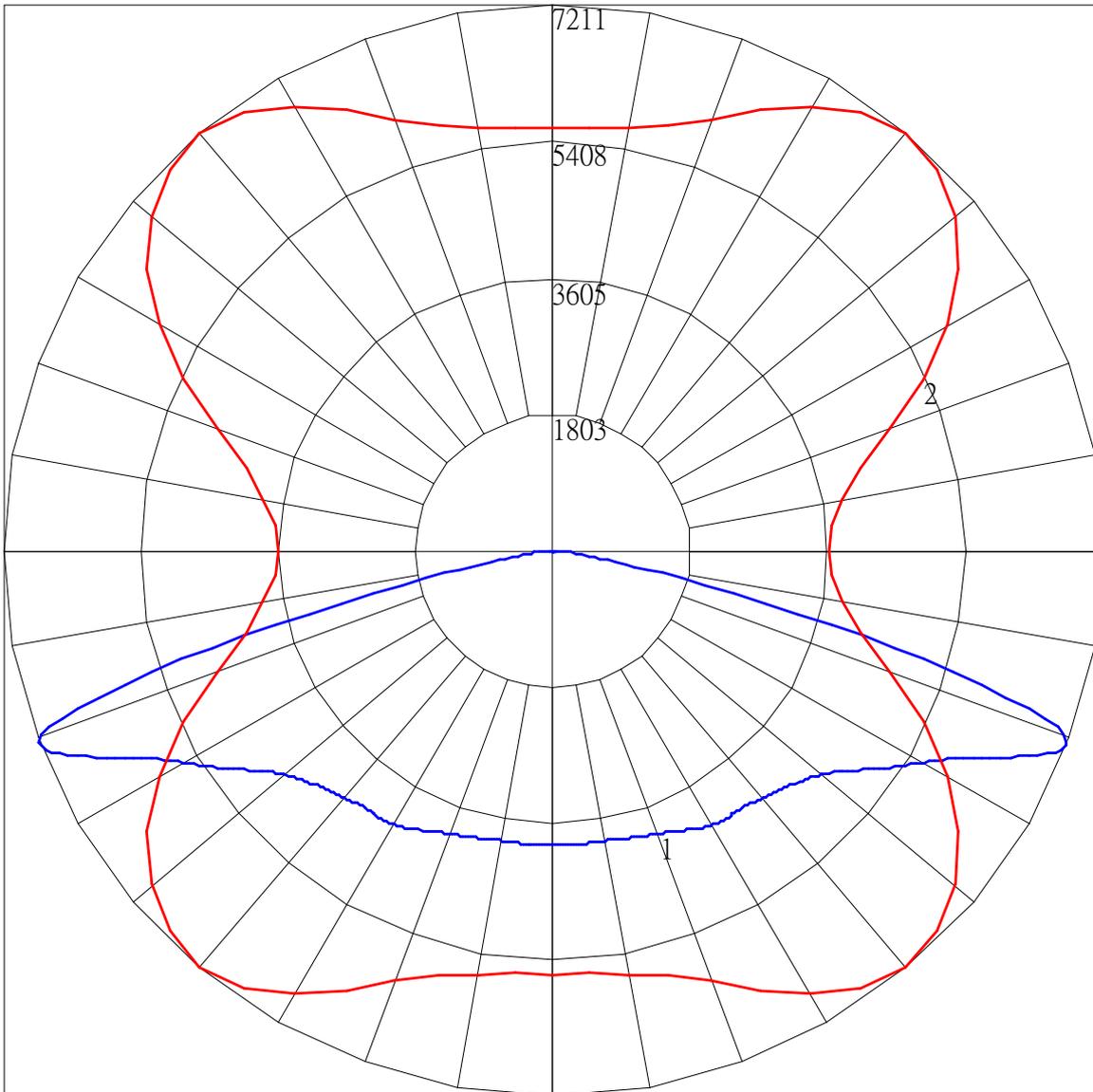
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

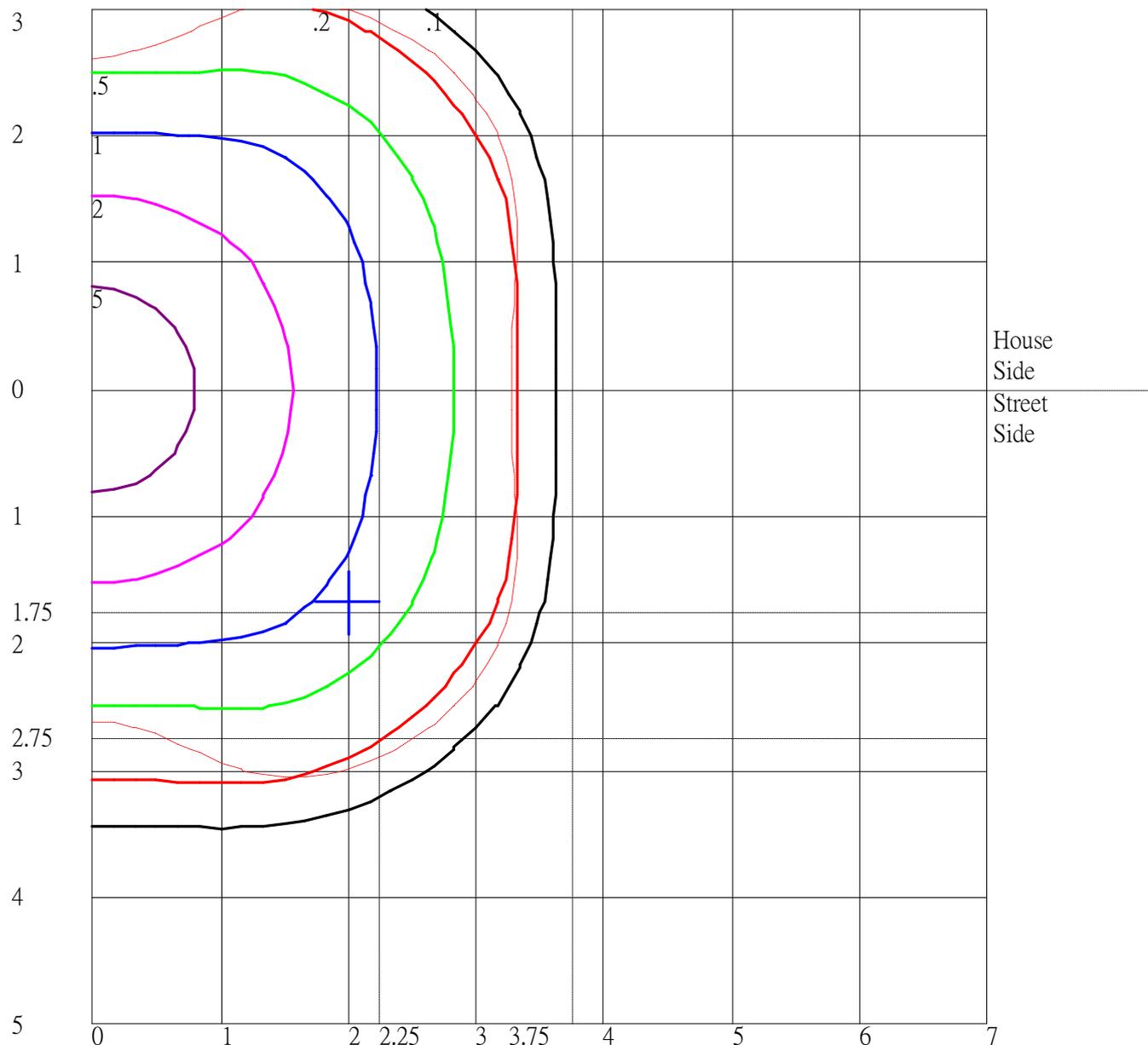
	Lumens	Percent Of Luminaire
Downward Street Side	11279.2	50.0
Downward House Side	11279.2	50.0
Downward Total	22558.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	22558.4	100.0

POLAR GRAPH



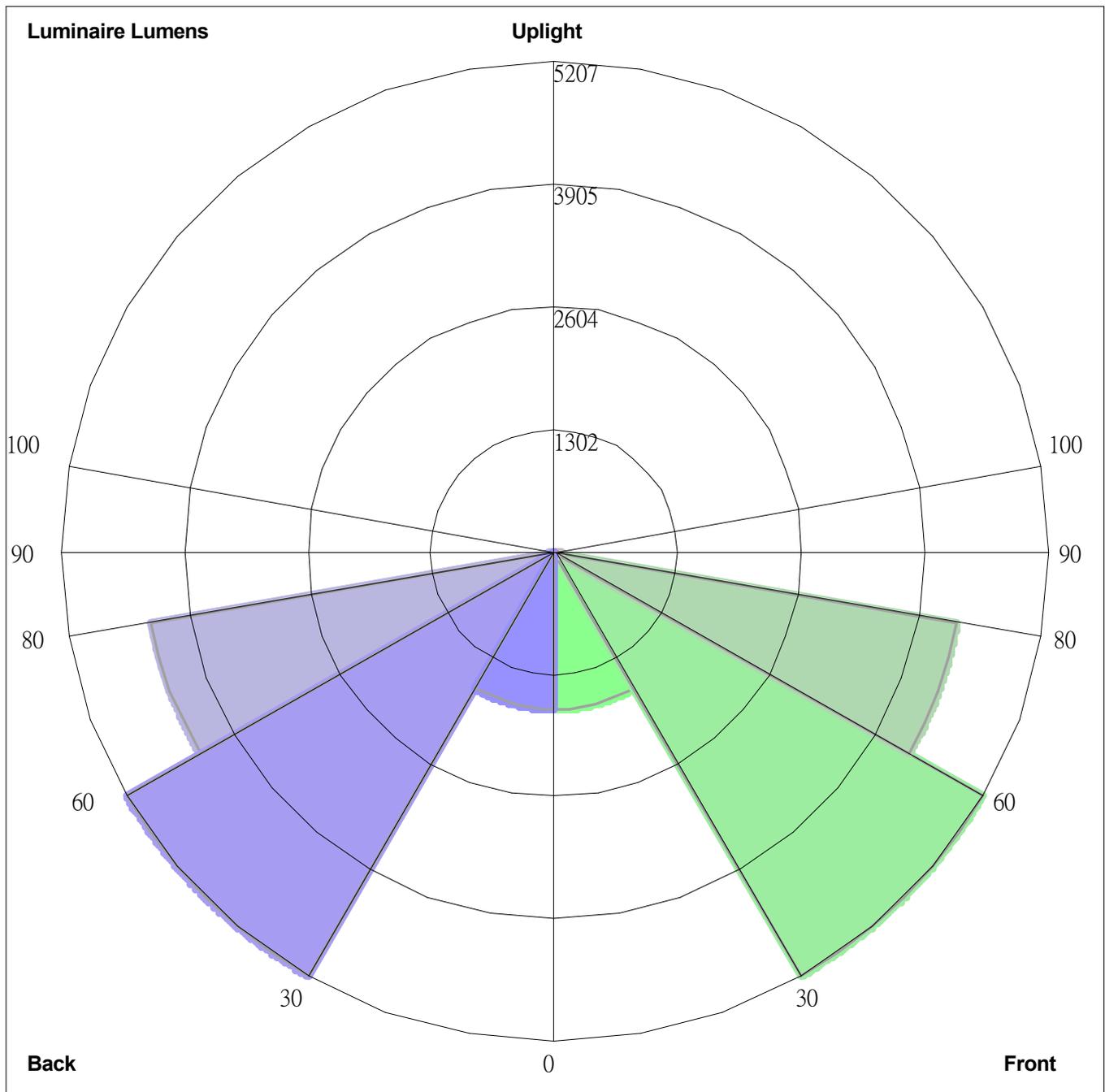
Maximum Candela = 7210.543 Located At Horizontal Angle = 50, Vertical Angle = 69
1 - Vertical Plane Through Horizontal Angles (50 - 230) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (69) (Through Max. Cd.)

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=1679.6, Medium=5207.1, High=4315.3, Very High=77.3
Back: Low=1679.6, Medium=5207.1, High=4315.3, Very High=77.3
Uplight: Low=0.0, High=0.0

BUG Rating : B4-U0-G2