



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM4-60J-MV-27K-4-XX-225 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM4-60J-MV-30K-4-XX-240-PCR7

[ISSUEDATE] 11/10/2022

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM4-60J-MV-27K-4-XX-225

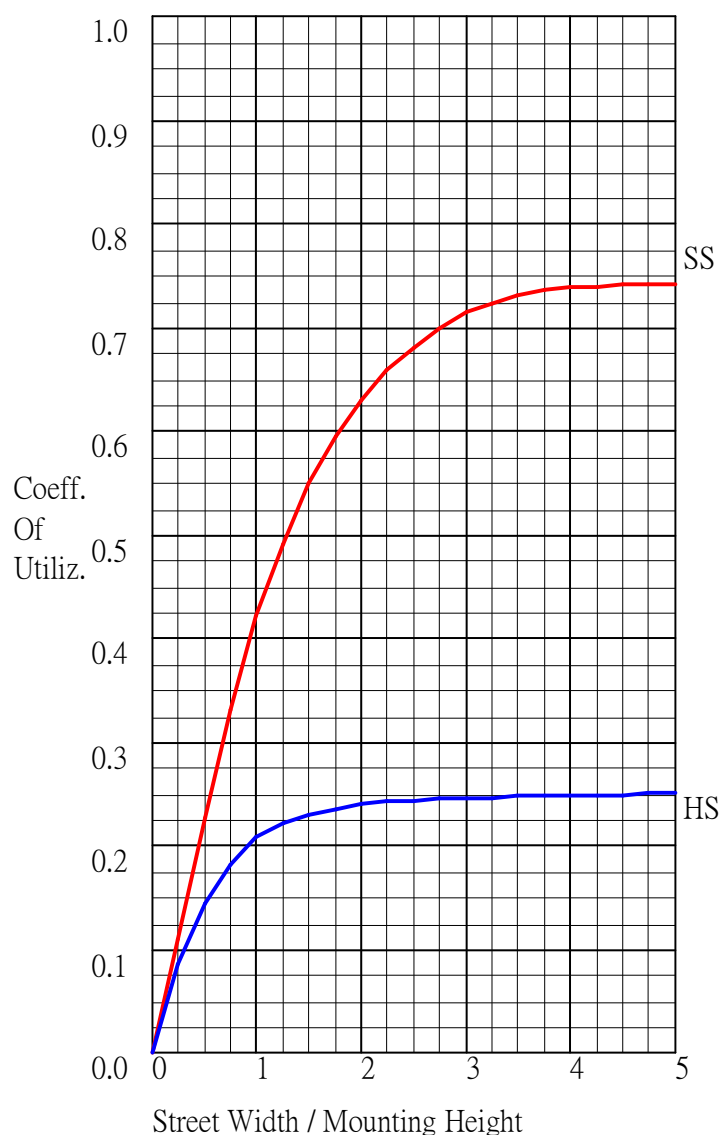
CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	22154
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	140
Total Luminaire Watts	158
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	9387.475
Maximum Candela Angle	50H 64.5V
Maximum Candela (<90 Degrees Vertical)	9387.475
Maximum Candela Angle (<90 Degrees Vertical)	50H 64.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2406.988 (10.9% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2255.8	N.A.	10.2
FM - Front-Medium (30-60)	7666.3	N.A.	34.6
FH - Front-High (60-80)	6465.8	N.A.	29.2
FVH - Front-Very High (80-90)	139.6	N.A.	0.6
BL - Back-Low (0-30)	1529.3	N.A.	6.9
BM - Back-Medium (30-60)	2847.4	N.A.	12.9
BH - Back-High (60-80)	1181.0	N.A.	5.3
BVH - Back-Very High (80-90)	68.9	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	22154.1	N.A.	100.0
BUG Rating	B3-U0-G3		

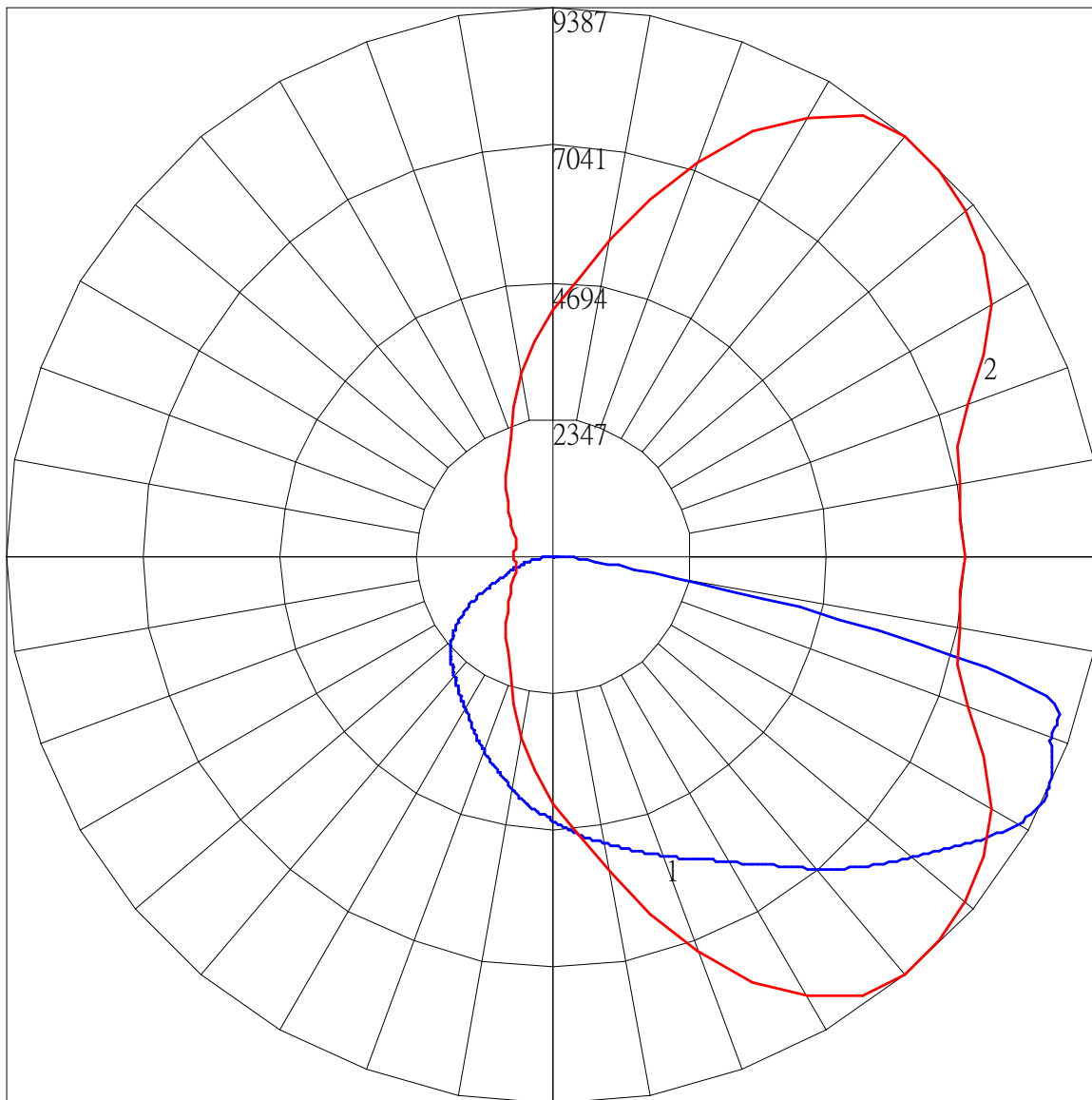
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	16527.5	74.6
Downward House Side	5626.6	25.4
Downward Total	22154.1	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	22154.1	100.0

POLAR GRAPH

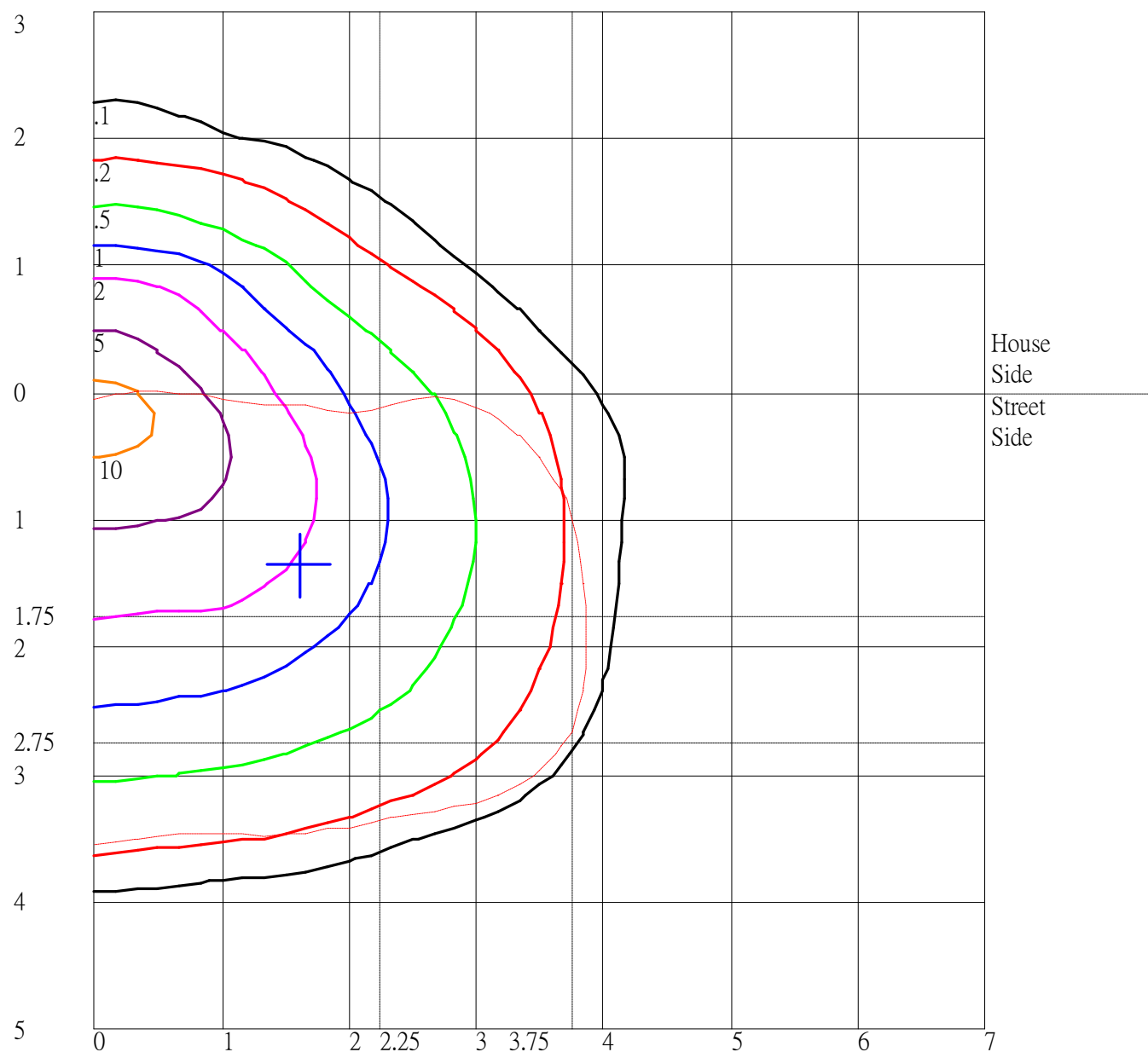


Maximum Candela = 9387.475 Located At Horizontal Angle = 50, Vertical Angle = 64.5

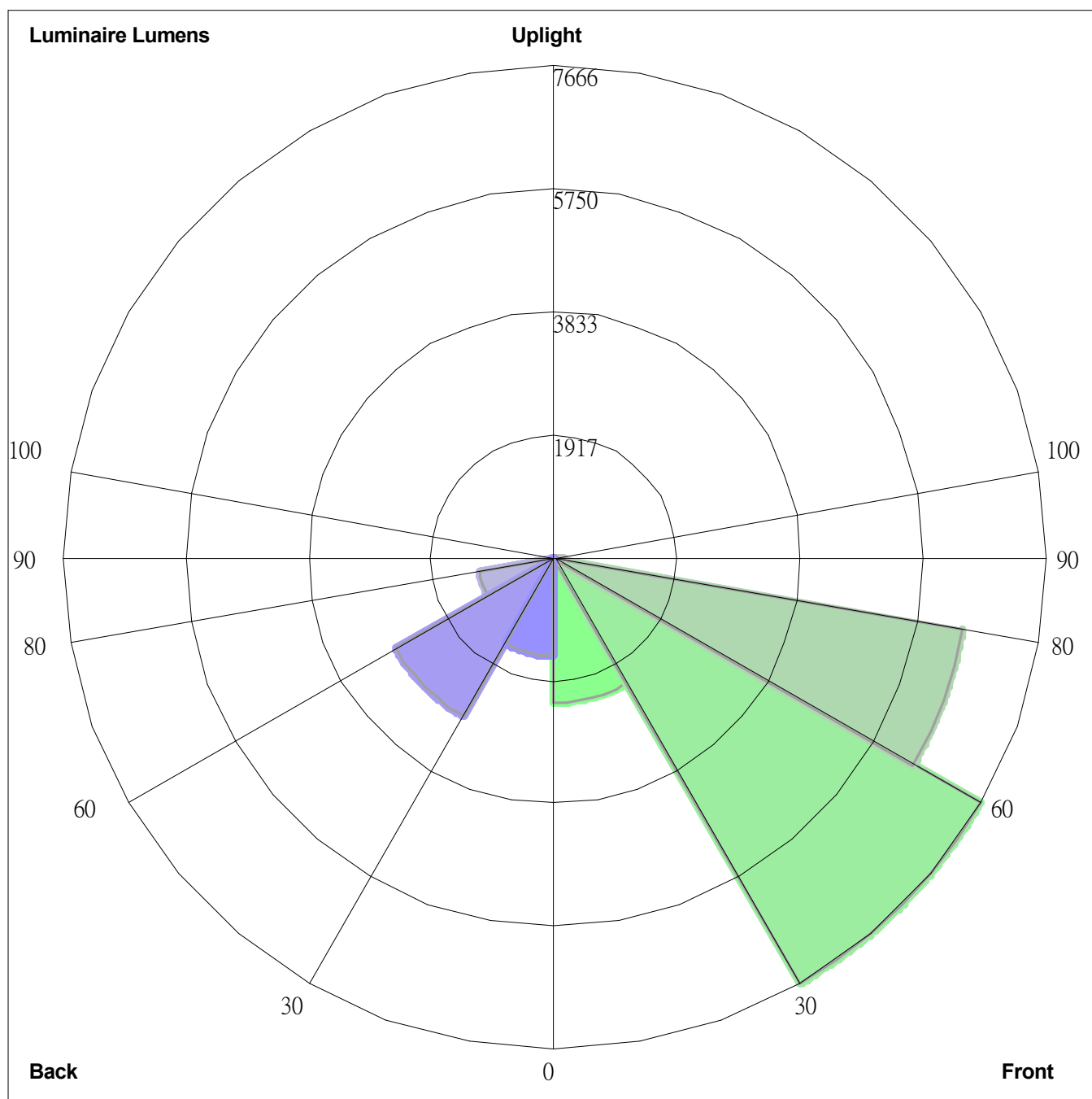
1 - Vertical Plane Through Horizontal Angles (50 - 230) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (64.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=2255.8, Medium=7666.3, High=6465.8, Very High=139.6
Back: Low=1529.3, Medium=2847.4, High= 1181.0, Very High=68.9
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3