



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM4-60J-MV-27K-3F-XX-225 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-225

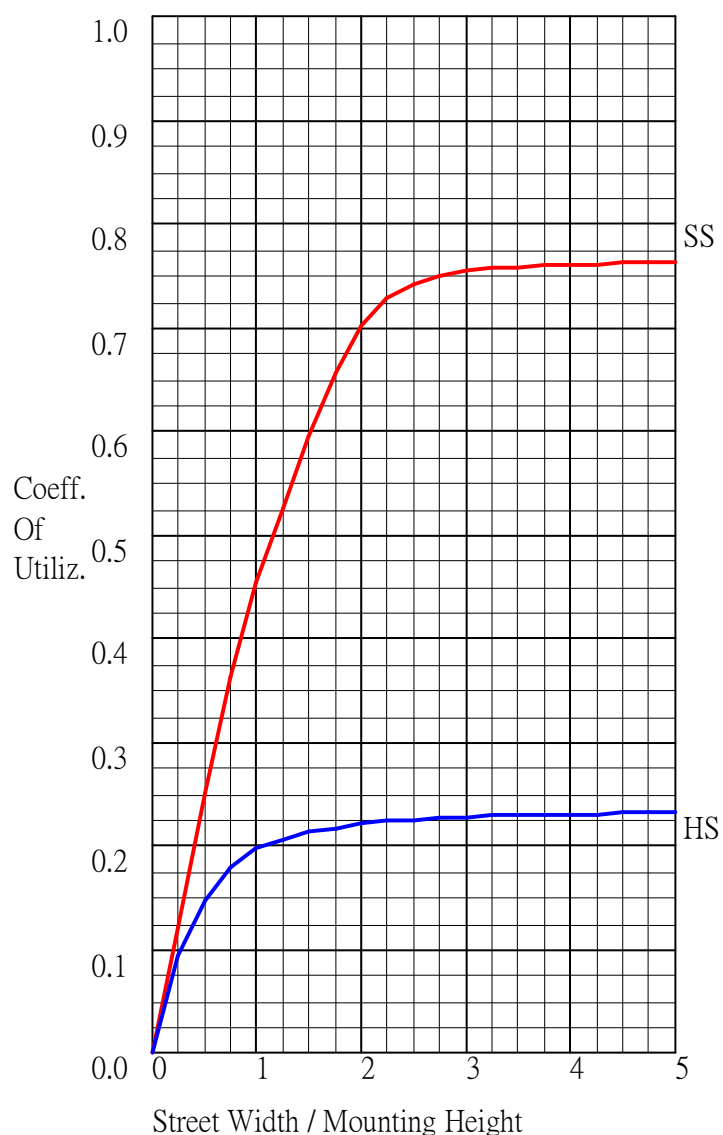
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	22018
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	139
Total Luminaire Watts	158
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	12924.029
Maximum Candela Angle	0H 58V
Maximum Candela (<90 Degrees Vertical)	12924.029
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	752.291 (3.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2355.0	N.A.	10.7
FM - Front-Medium (30-60)	8463.0	N.A.	38.4
FH - Front-High (60-80)	5971.7	N.A.	27.1
FVH - Front-Very High (80-90)	84.2	N.A.	0.4
BL - Back-Low (0-30)	1436.8	N.A.	6.5
BM - Back-Medium (30-60)	2506.8	N.A.	11.4
BH - Back-High (60-80)	1156.0	N.A.	5.3
BVH - Back-Very High (80-90)	44.2	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	22017.7	N.A.	100.0
BUG Rating	B3-U0-G3		

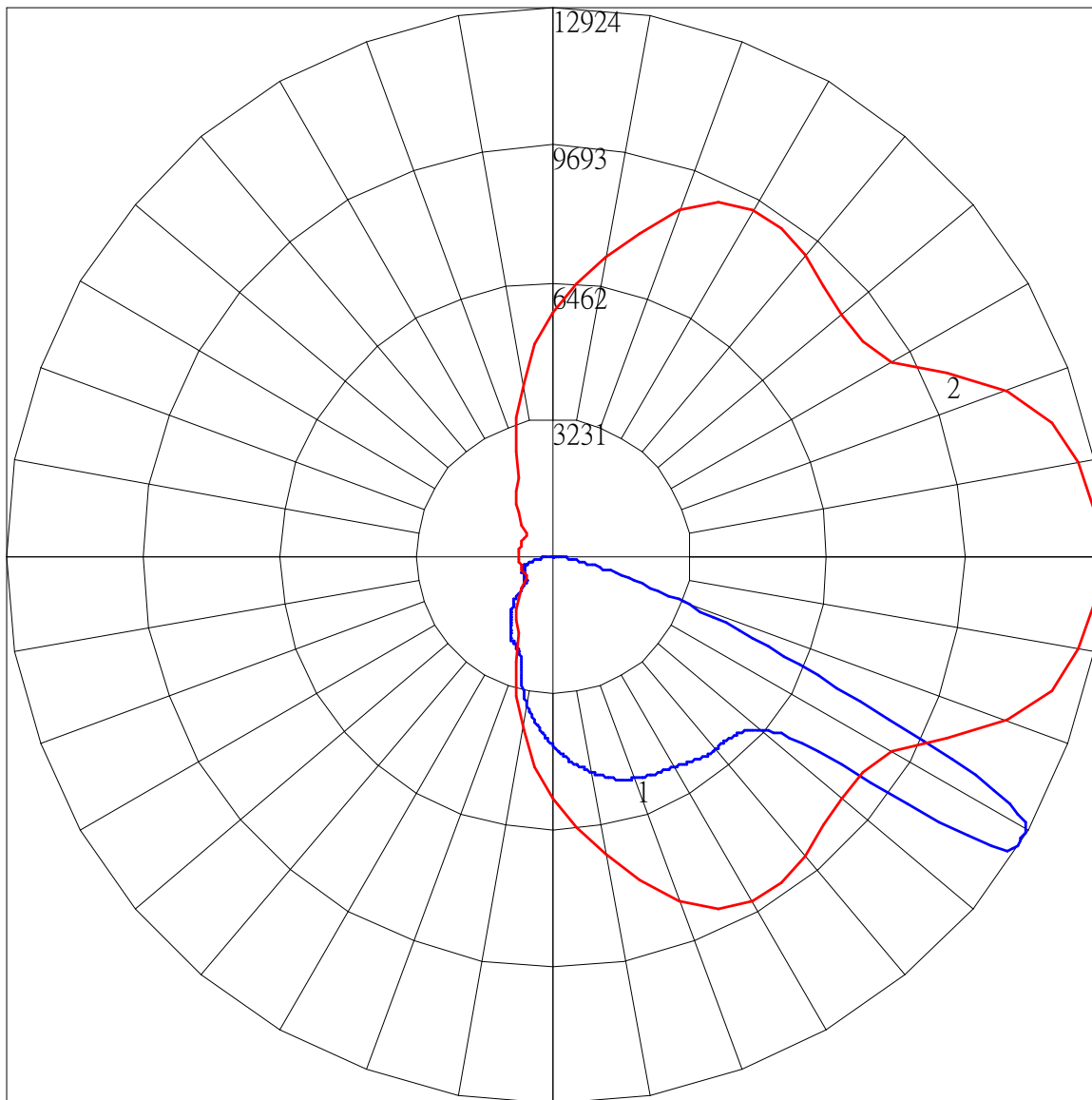
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	16873.9	76.6
Downward House Side	5143.7	23.4
Downward Total	22017.6	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	22017.6	100.0

POLAR GRAPH

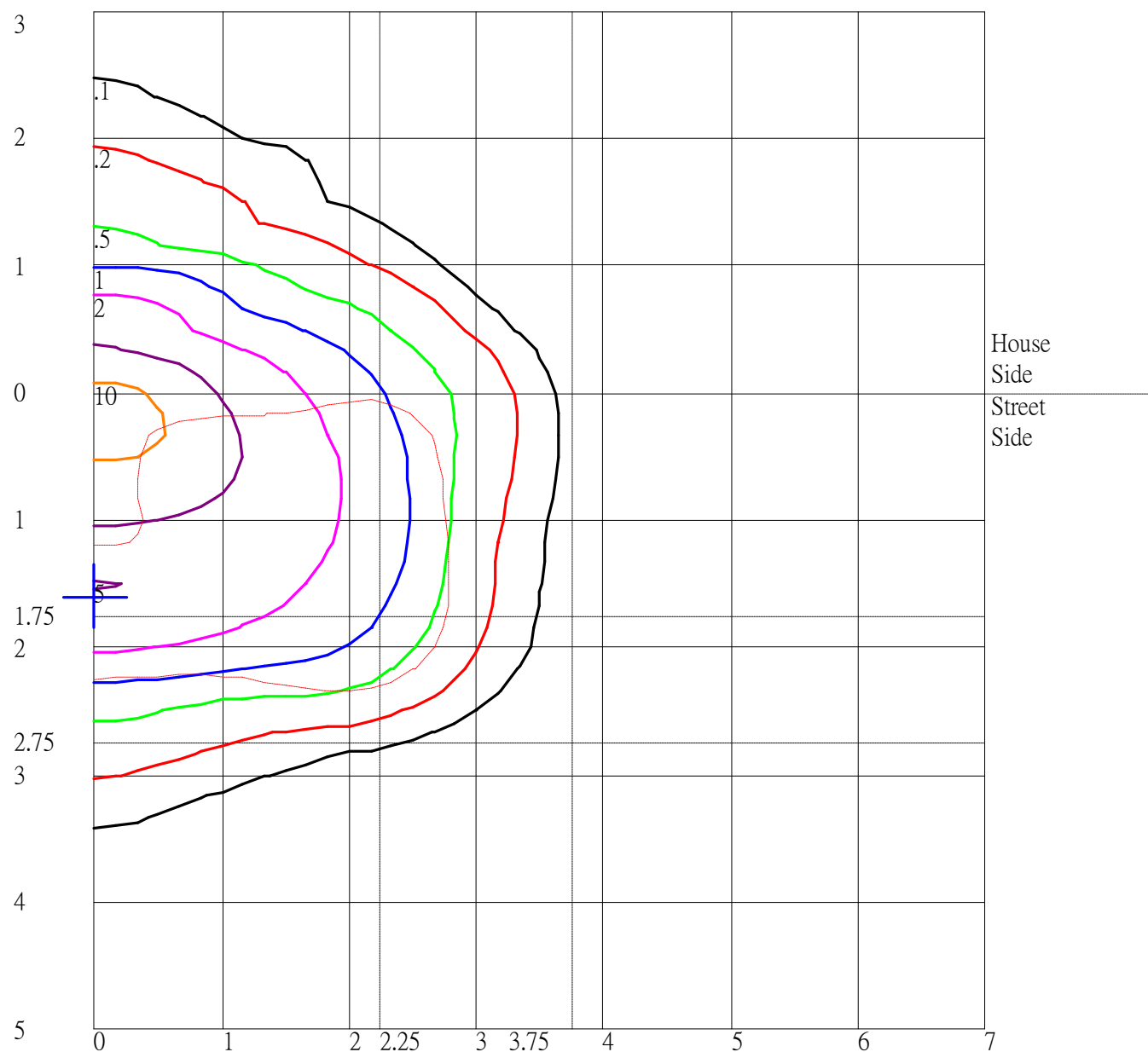


Maximum Candela = 12924.029 Located At Horizontal Angle = 0, Vertical Angle = 58

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

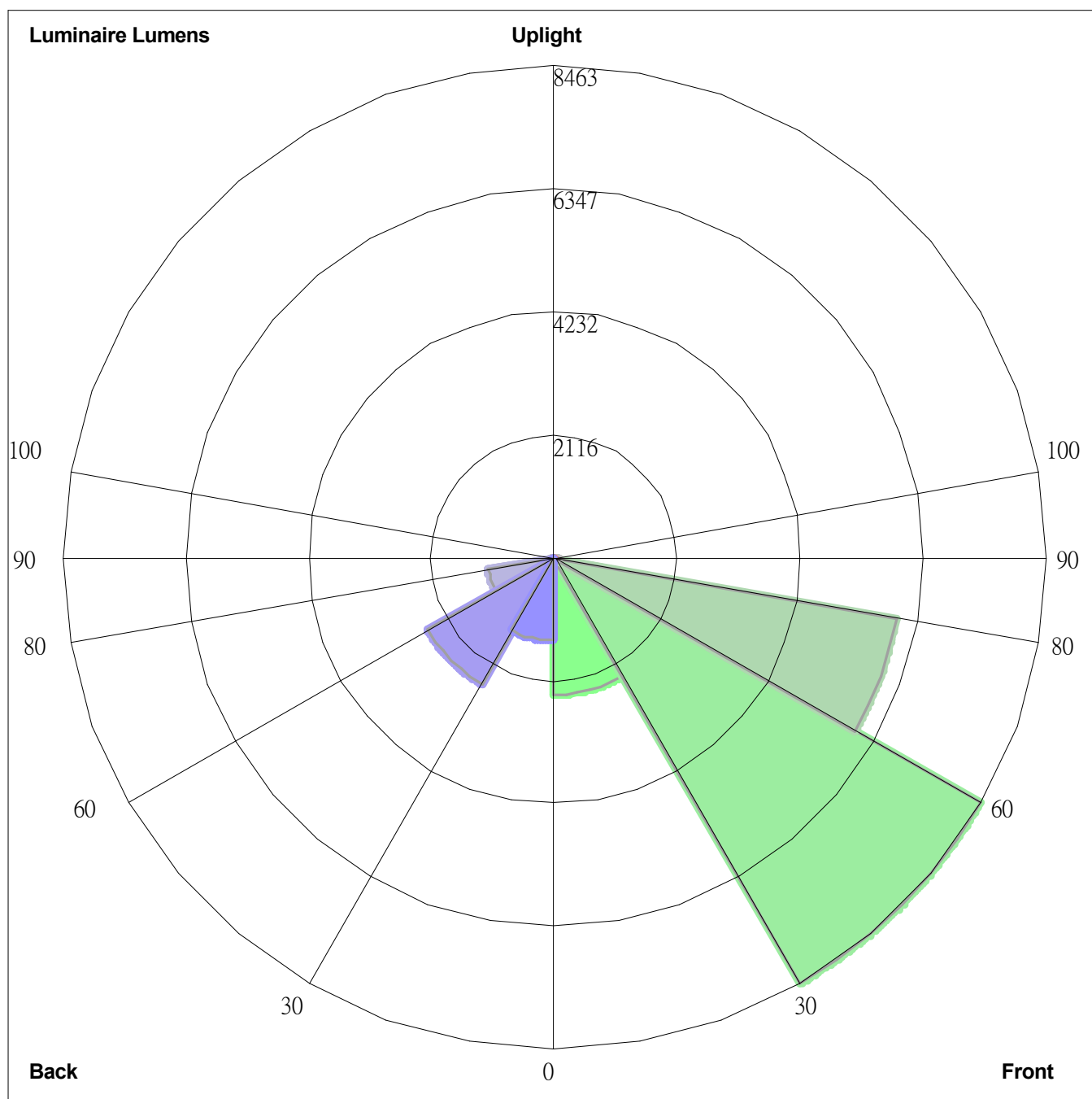
2 - Horizontal Cone Through Vertical Angle (58) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



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= 2355.0, Medium= 8463.0, High=5971.7, Very High=84.2
Back: Low=1436.8, Medium=2506.8, High= 1156.0, Very High=44.2
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3