



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM2-60J-MV-27K-3R-XX-130 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM2-60J-MV-30K-3R-XX-130

[ISSUEDATE] 2020-09-25

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM2-60J-MV-27K-3R-XX-130

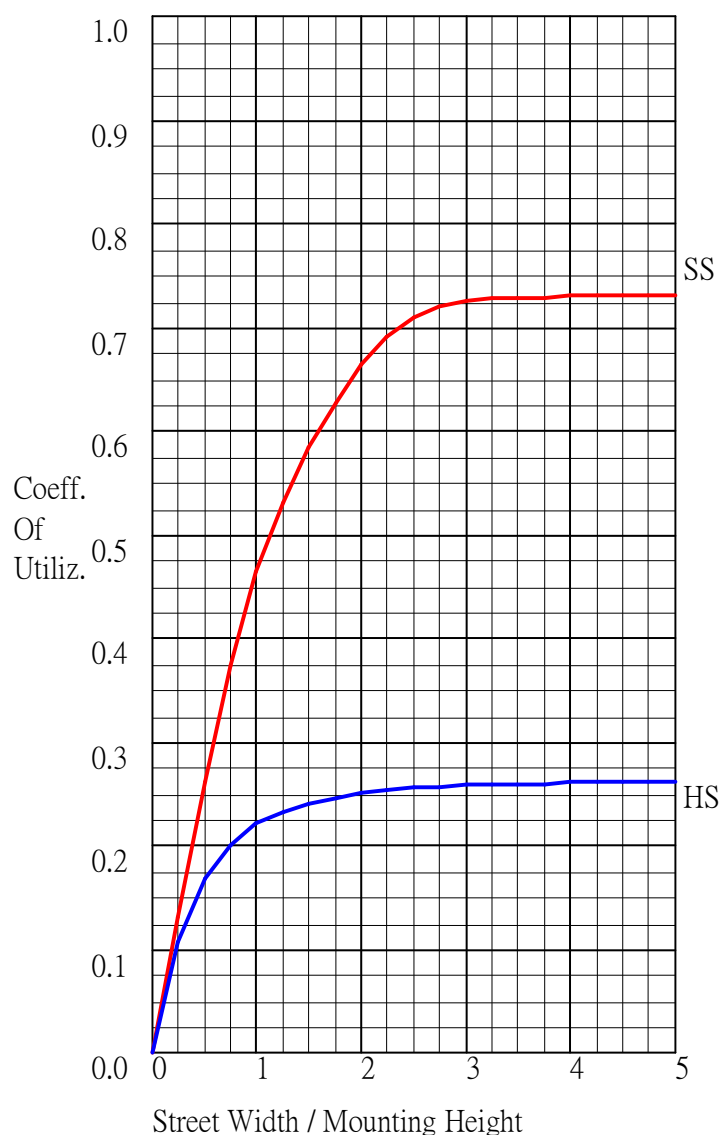
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	13150
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	148
Total Luminaire Watts	89
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	5959.899
Maximum Candela Angle	60H 72.5V
Maximum Candela (<90 Degrees Vertical)	5959.899
Maximum Candela Angle (<90 Degrees Vertical)	60H 72.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1709.73 (13.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1429.1	N.A.	10.9
FM - Front-Medium (30-60)	4617.2	N.A.	35.1
FH - Front-High (60-80)	3508.9	N.A.	26.7
FVH - Front-Very High (80-90)	101.0	N.A.	0.8
BL - Back-Low (0-30)	867.4	N.A.	6.6
BM - Back-Medium (30-60)	1708.1	N.A.	13.0
BH - Back-High (60-80)	870.0	N.A.	6.6
BVH - Back-Very High (80-90)	47.9	N.A.	0.4
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	13149.6	N.A.	100.0
BUG Rating	B2-U0-G2		

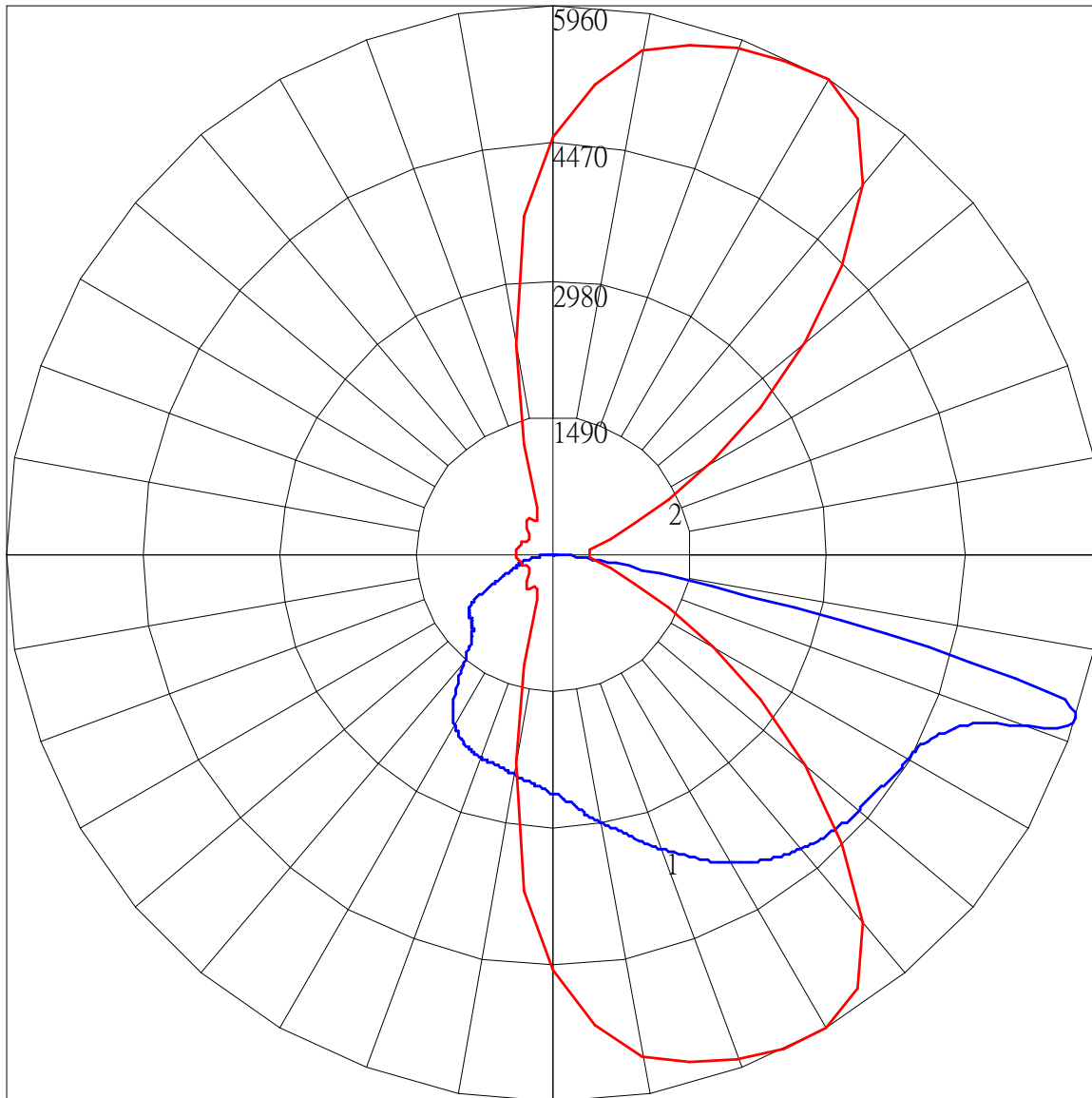
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	9656.2	73.4
Downward House Side	3493.4	26.6
Downward Total	13149.6	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	13149.6	100.0

POLAR GRAPH

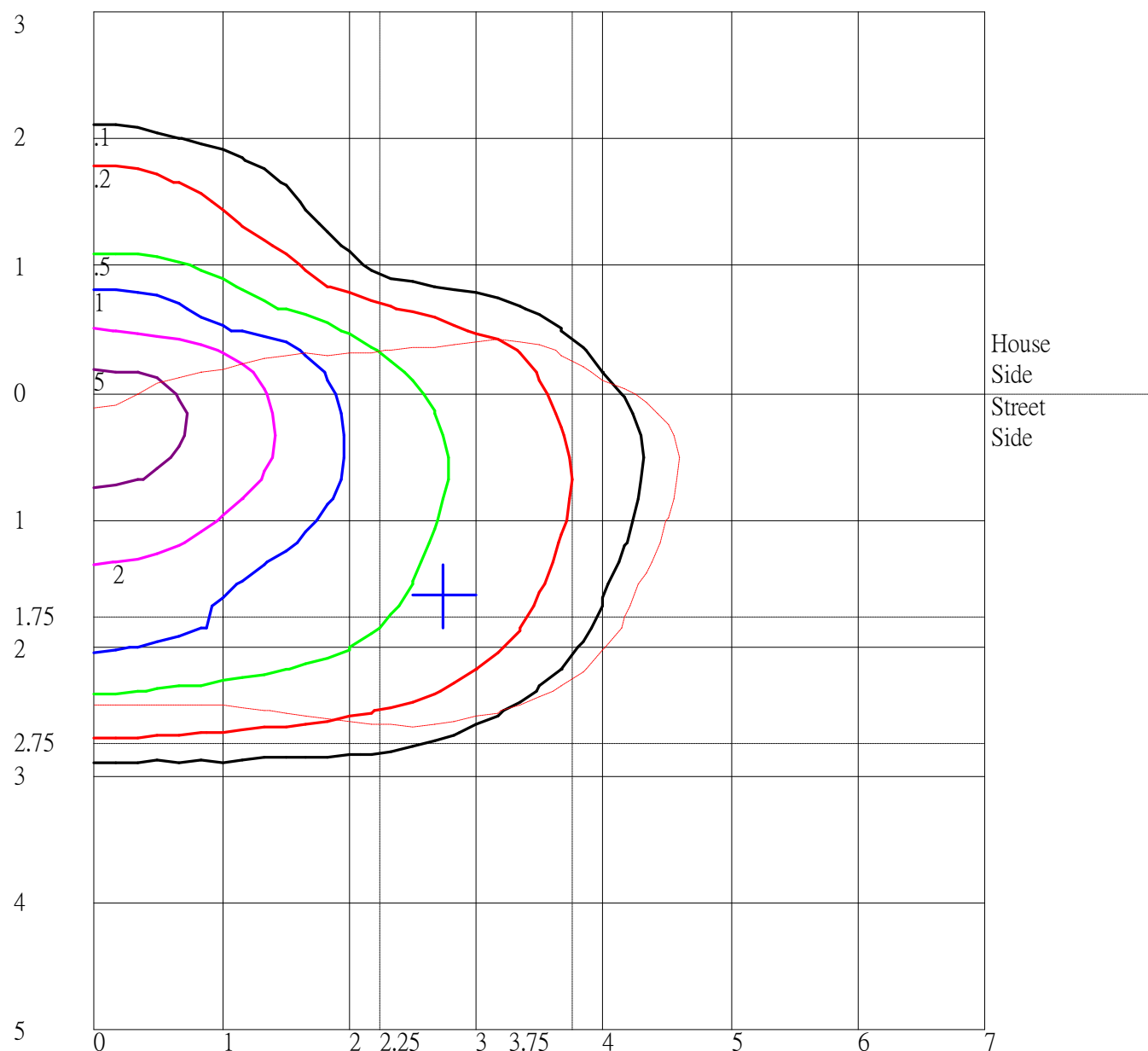


Maximum Candela = 5959.899 Located At Horizontal Angle = 60, Vertical Angle = 72.5

1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)

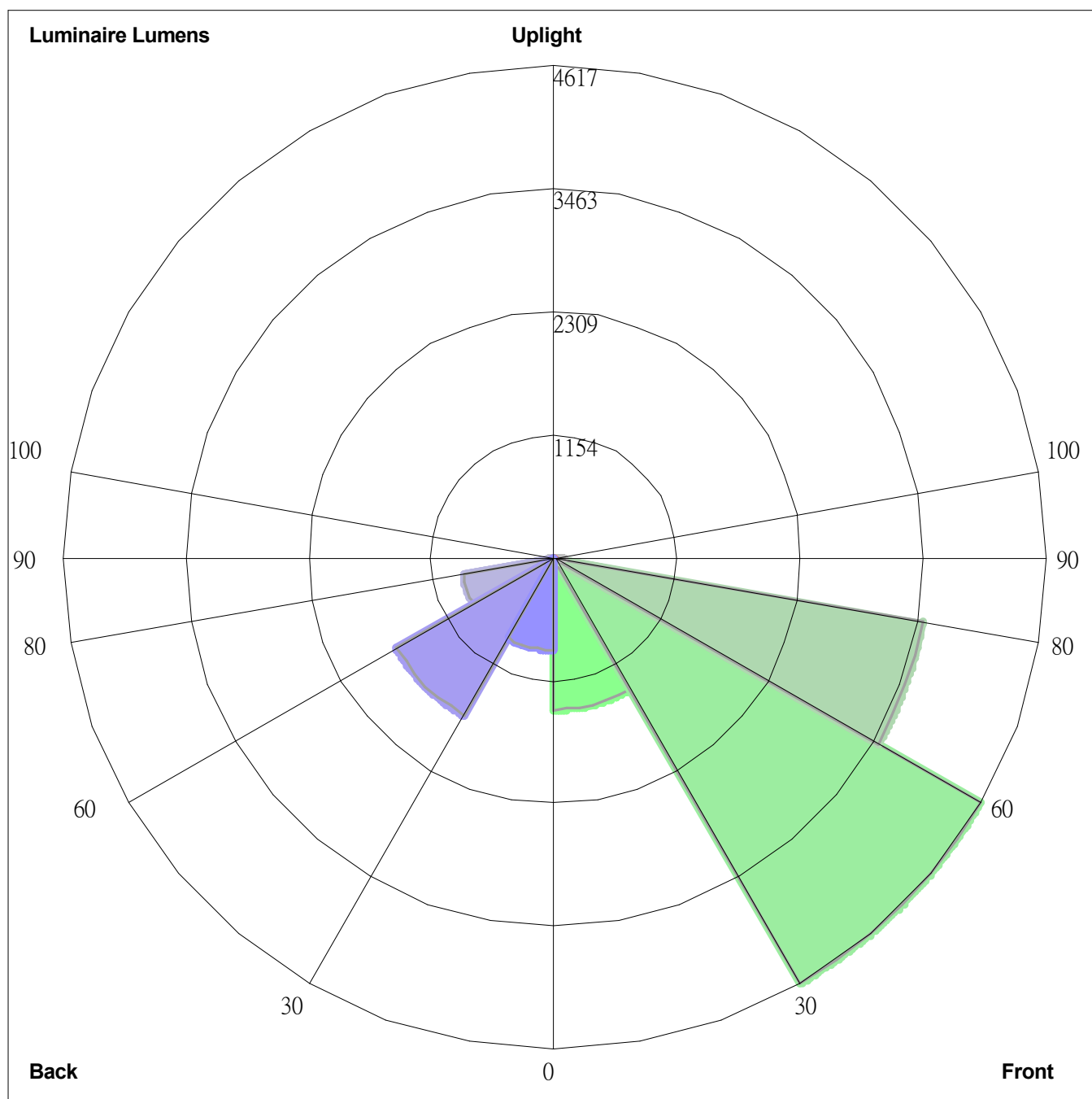
2 - Horizontal Cone Through Vertical Angle (72.5) (Through Max. Cd.)

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=1429.1, Medium=4617.2, High=3508.9, Very High=101.0
Back: Low=867.4, Medium=1708.1, High=870.0, Very High=47.9
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2