



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM2-60J-MV-27K-3R-XX-145 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM3-60J-MV-30K-3R-XX-180

[ISSUEDATE] 2020-05-18

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM2-60J-MV-27K-3R-XX-145

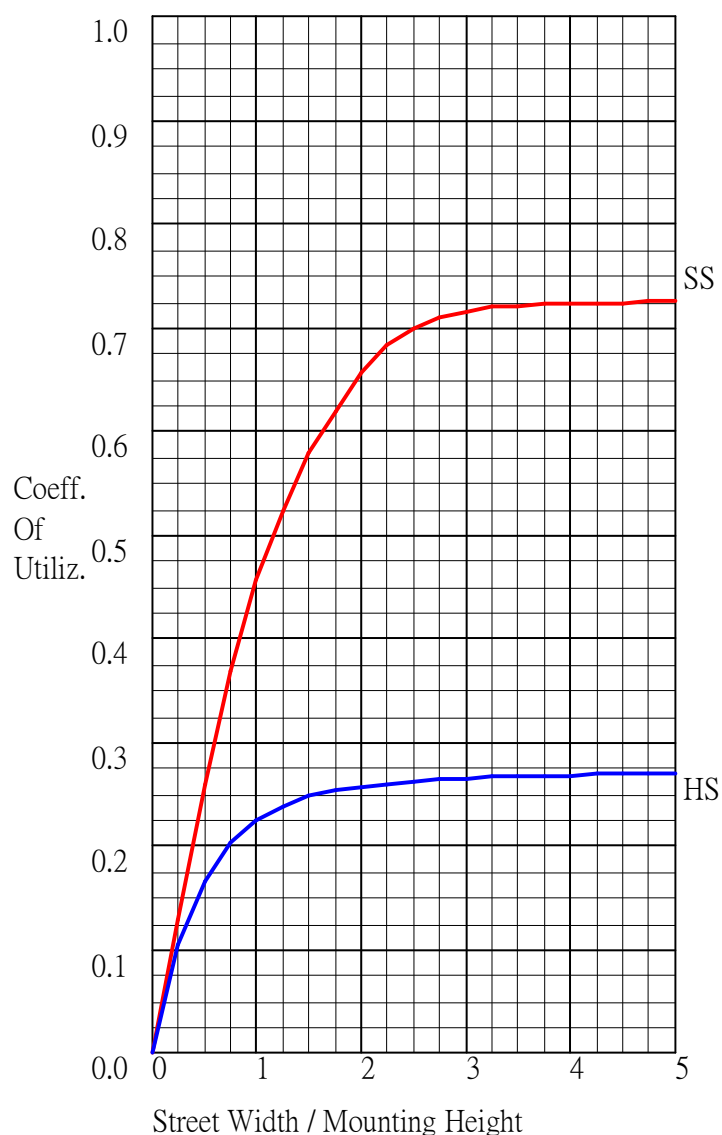
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	14342
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	143
Total Luminaire Watts	100
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	6287.103
Maximum Candela Angle	65H 72V
Maximum Candela (<90 Degrees Vertical)	6287.103
Maximum Candela Angle (<90 Degrees Vertical)	65H 72V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1552.94 (10.8% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1560.9	N.A.	10.9
FM - Front-Medium (30-60)	5038.5	N.A.	35.1
FH - Front-High (60-80)	3738.9	N.A.	26.1
FVH - Front-Very High (80-90)	96.9	N.A.	0.7
BL - Back-Low (0-30)	948.0	N.A.	6.6
BM - Back-Medium (30-60)	1896.5	N.A.	13.2
BH - Back-High (60-80)	1008.8	N.A.	7.0
BVH - Back-Very High (80-90)	53.7	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	14342.2	N.A.	100.0
BUG Rating	B3-U0-G3		

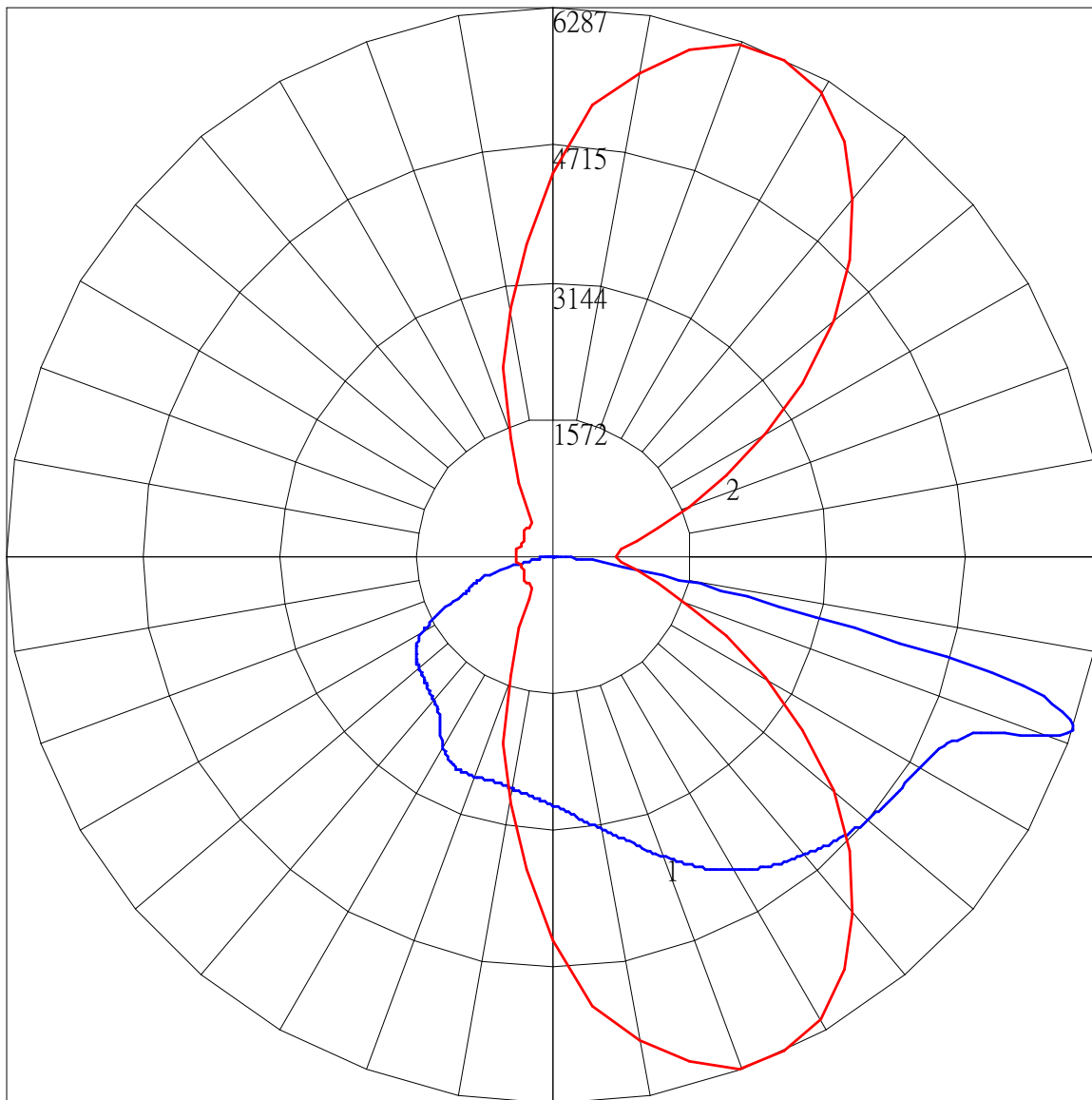
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	10435.1	72.8
Downward House Side	3907.0	27.2
Downward Total	14342.1	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	14342.1	100.0

POLAR GRAPH

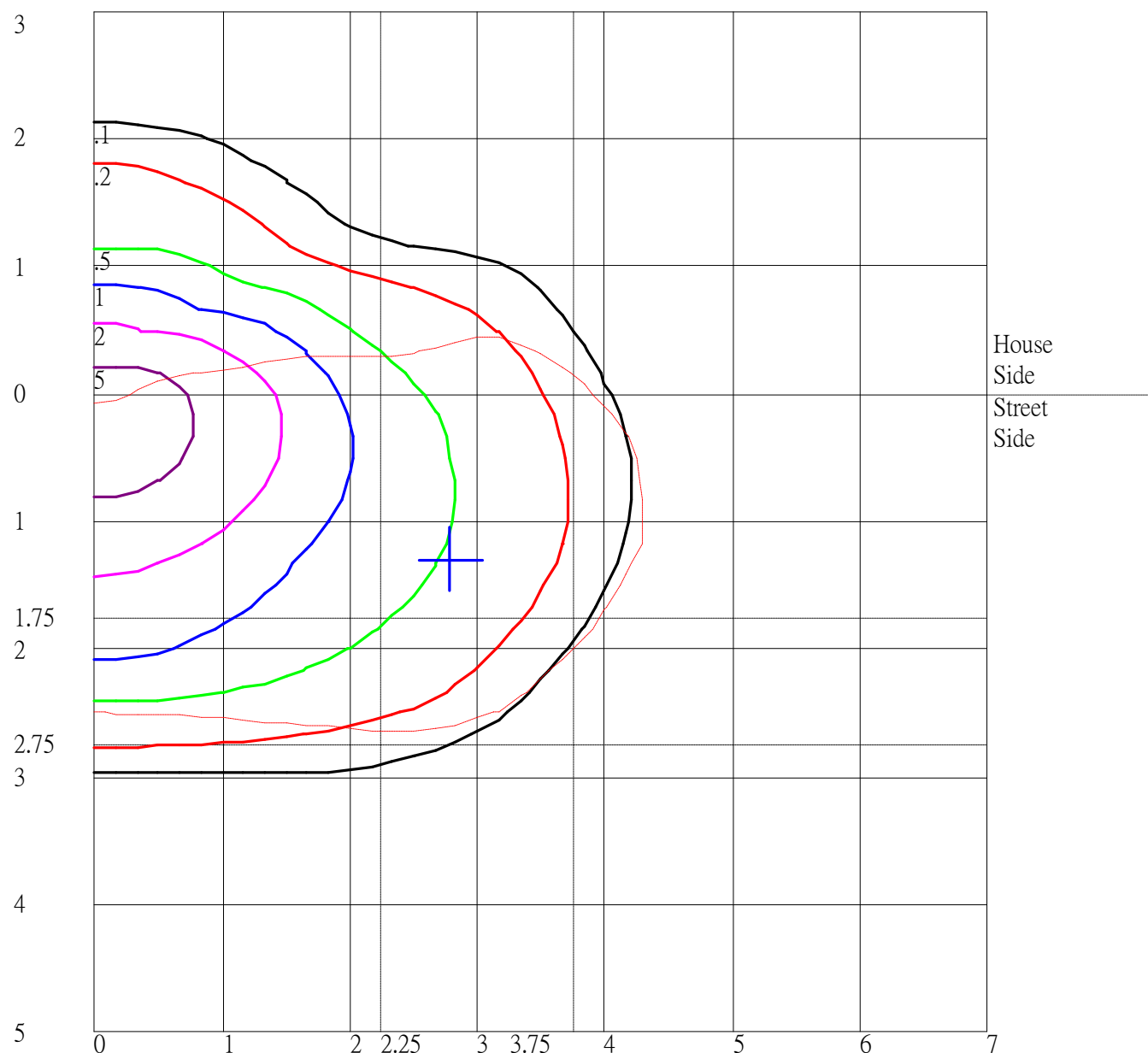


Maximum Candela = 6287.103 Located At Horizontal Angle = 65, Vertical Angle = 72

1 - Vertical Plane Through Horizontal Angles (65 - 245) (Through Max. Cd.)

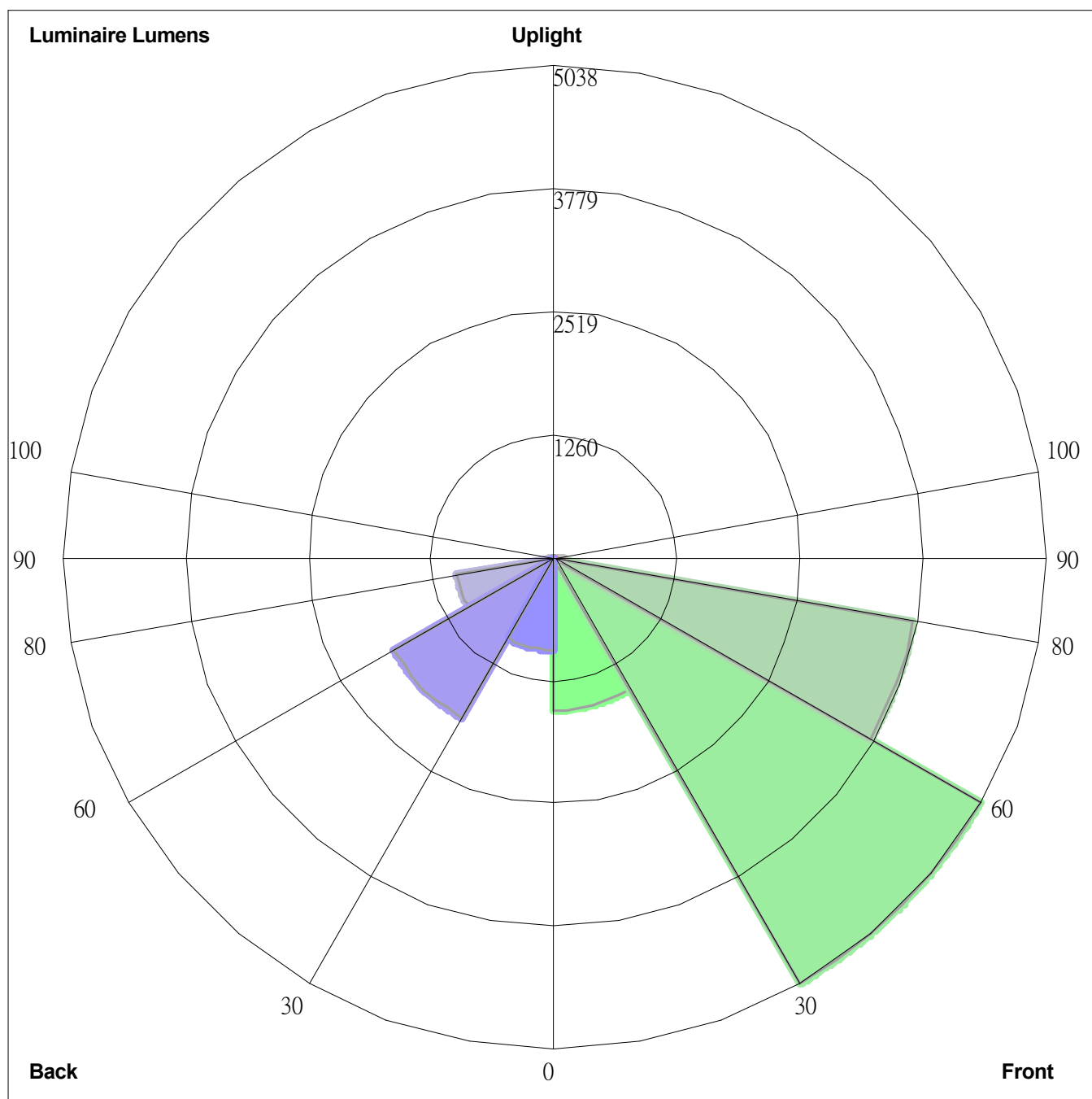
2 - Horizontal Cone Through Vertical Angle (72) (Through Max. Cd.)

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=1560.9, Medium=5038.5, High=3738.9, Very High=96.9
Back: Low=948.0, Medium=1896.5, High=1008.8, Very High=53.7
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3