



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM3-60J-MV-27K-4-XX-155 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM3-60J-MV-30K-4-XX-180

[ISSUEDATE] 7/3/2019

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM3-60J-MV-27K-4-XX-155

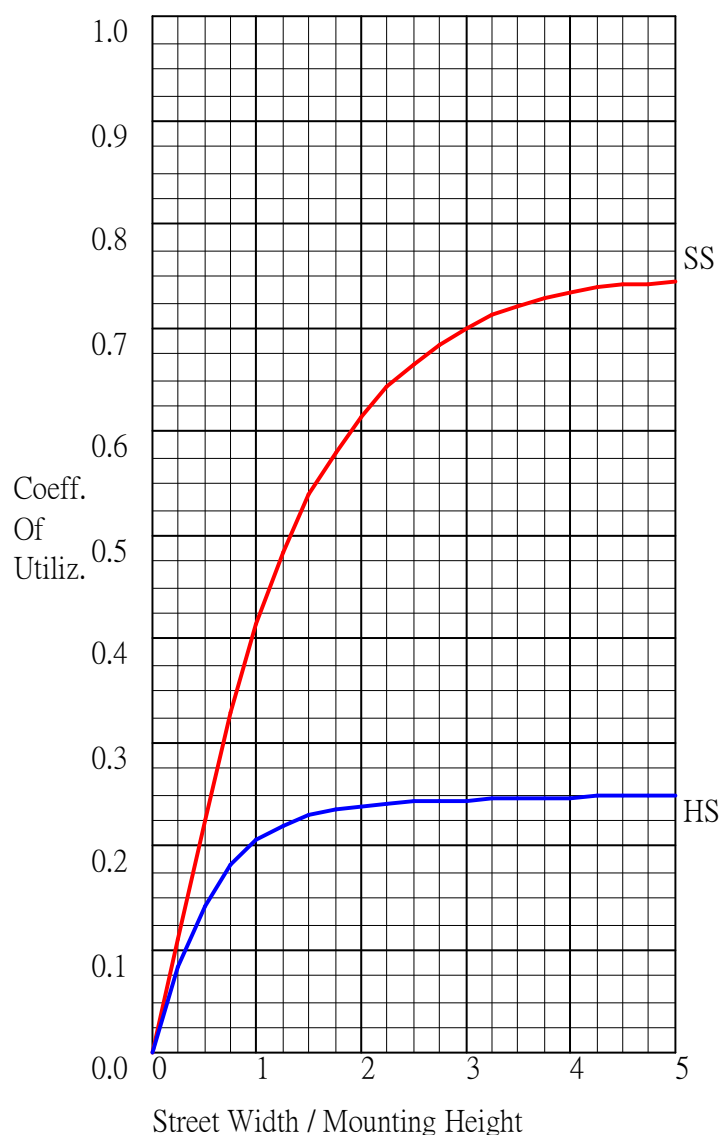
CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	15334
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	138
Total Luminaire Watts	111
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	6106.762
Maximum Candela Angle	50H 65.5V
Maximum Candela (<90 Degrees Vertical)	6106.762
Maximum Candela Angle (<90 Degrees Vertical)	50H 65.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2675.245 (17.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1544.5	N.A.	10.1
FM - Front-Medium (30-60)	5163.2	N.A.	33.7
FH - Front-High (60-80)	4607.6	N.A.	30.0
FVH - Front-Very High (80-90)	169.3	N.A.	1.1
BL - Back-Low (0-30)	1039.6	N.A.	6.8
BM - Back-Medium (30-60)	1955.9	N.A.	12.8
BH - Back-High (60-80)	815.6	N.A.	5.3
BVH - Back-Very High (80-90)	38.7	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	15334.4	N.A.	100.0
BUG Rating	B3-U0-G2		

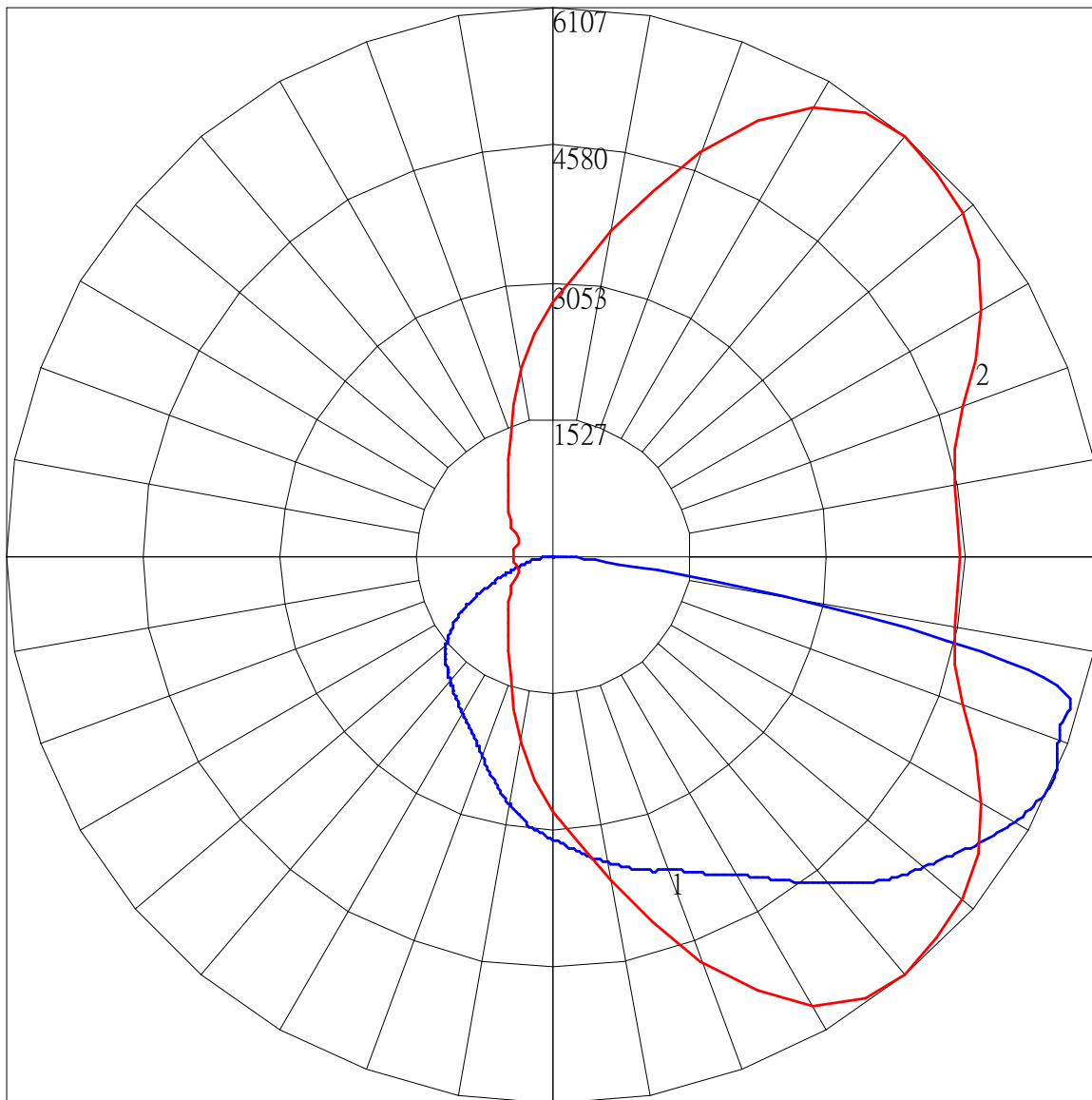
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	11484.5	74.9
Downward House Side	3849.8	25.1
Downward Total	15334.3	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	15334.3	100.0

POLAR GRAPH

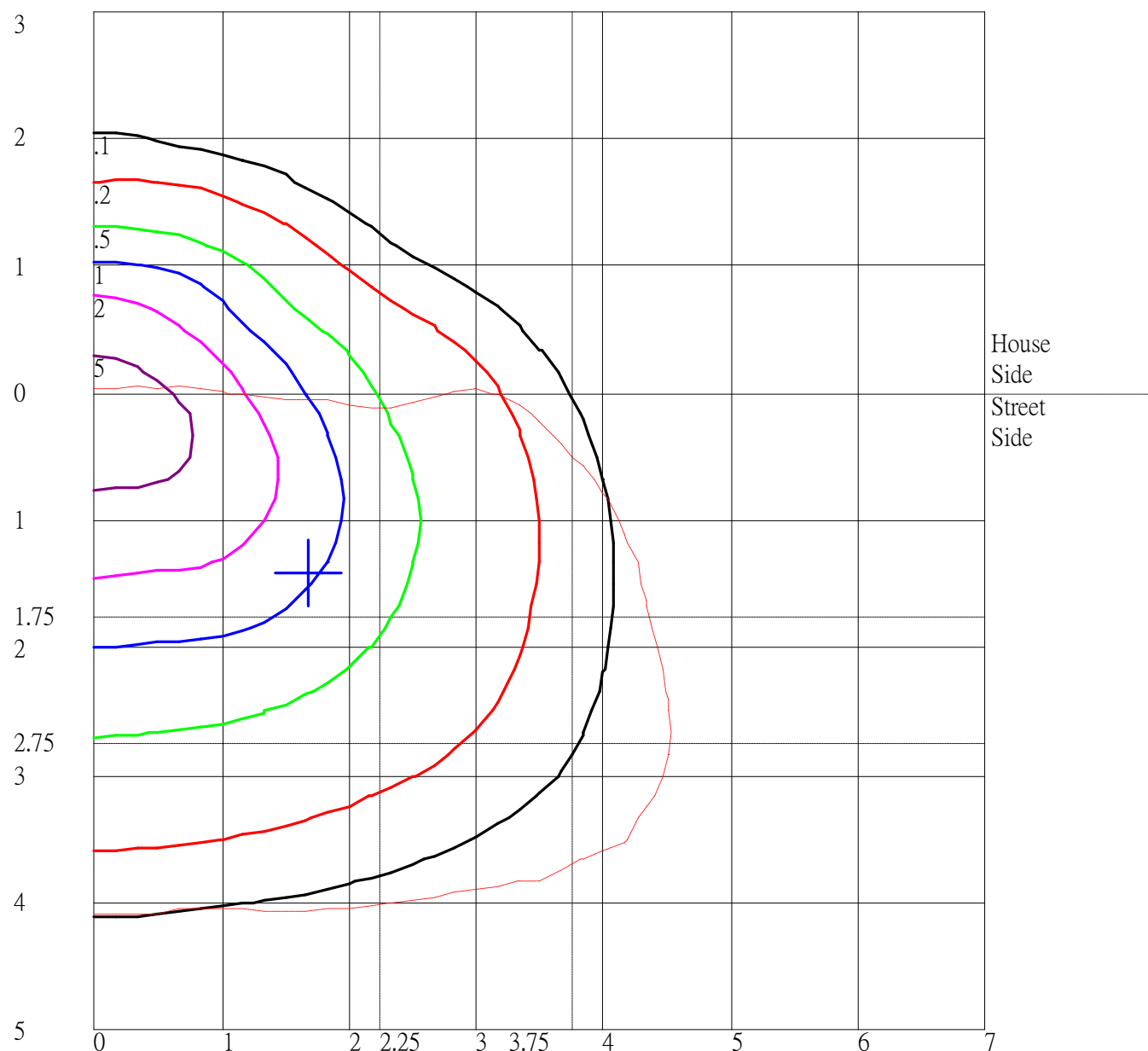


Maximum Candela = 6106.762 Located At Horizontal Angle = 50, Vertical Angle = 65.5

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

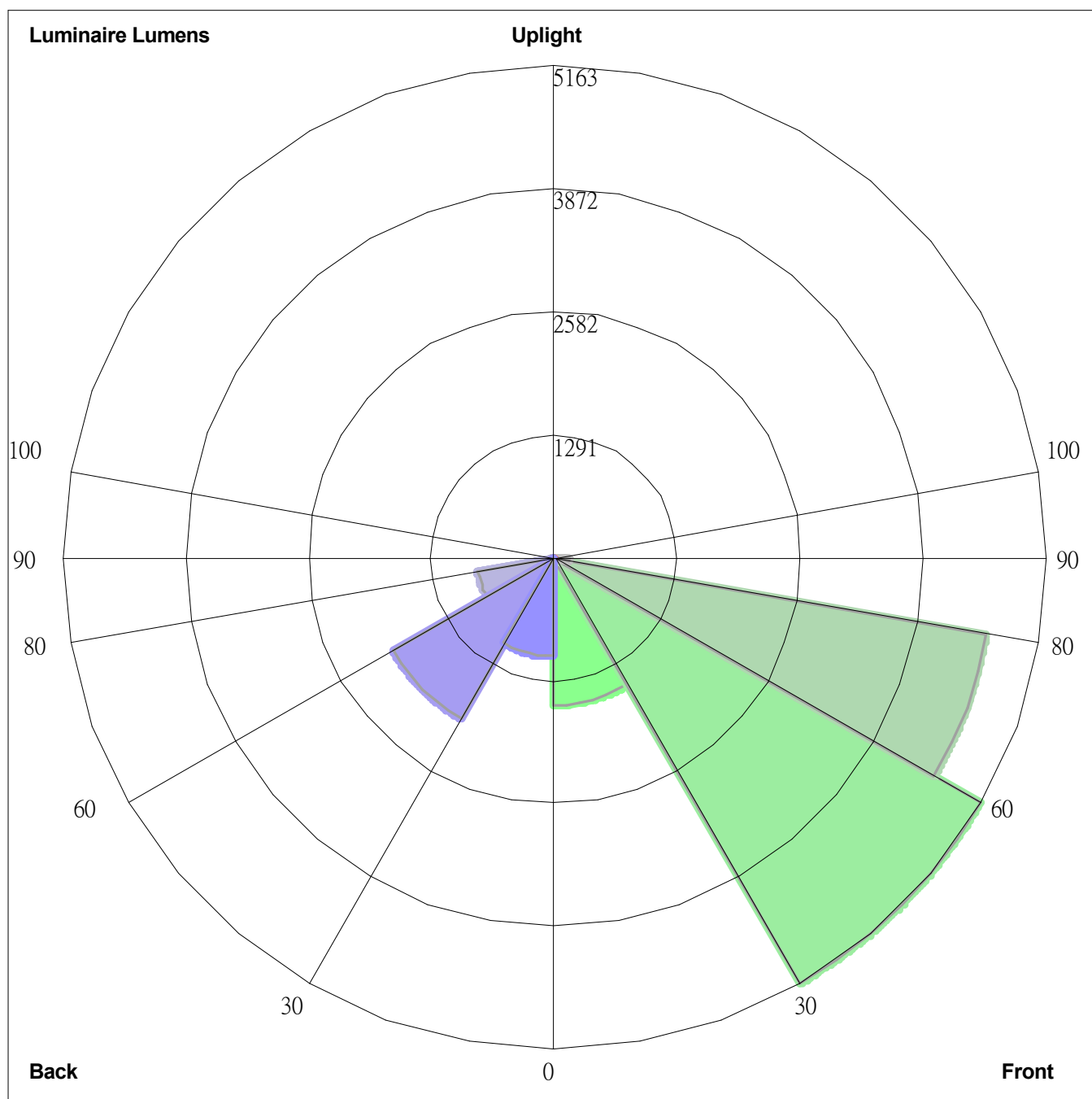
2 - Horizontal Cone Through Vertical Angle (65.5) (Through Max. Cd.)

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=1544.5, Medium=5163.2, High=4607.6, Very High=169.3
Back: Low=1039.6, Medium=1955.9, High=815.6, Very High=38.7
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G2