



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM1-60J-MV-27K-4-XX-120 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TESTLAB] Scaled from NVLAP LM-79 for GCM1-60J-MV-30K-4-XX-125
[ISSUEDATE] 7/3/2019
[MANUFAC] Leotek Electronics USA LLC
[LUMCAT] GCM1-60J-MV-27K-4-XX-120

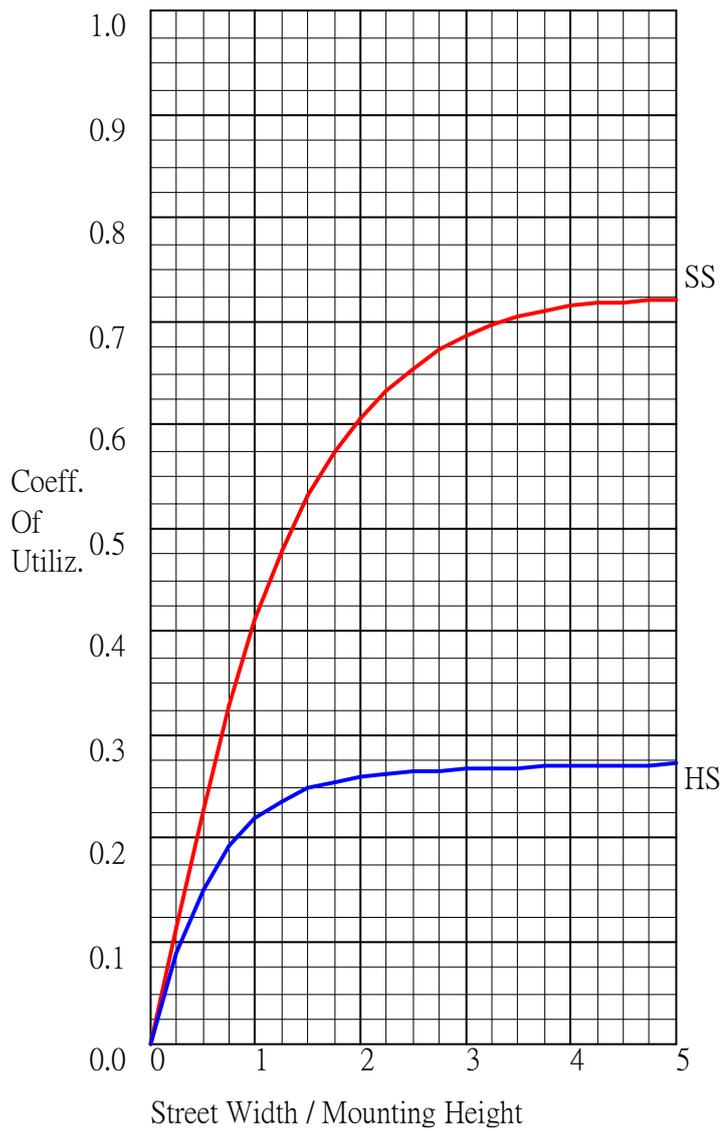
CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	12012
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	150
Total Luminaire Watts	80
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4636.012
Maximum Candela Angle	55H 64.5V
Maximum Candela (<90 Degrees Vertical)	4636.012
Maximum Candela At 90 Degrees Vertical	55H 64.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1904.149 (15.9% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1194.6	N.A.	9.9
FM - Front-Medium (30-60)	3964.7	N.A.	33.0
FH - Front-High (60-80)	3416.7	N.A.	28.4
FVH - Front-Very High (80-90)	117.5	N.A.	1.0
BL - Back-Low (0-30)	856.5	N.A.	7.1
BM - Back-Medium (30-60)	1639.6	N.A.	13.6
BH - Back-High (60-80)	748.3	N.A.	6.2
BVH - Back-Very High (80-90)	73.7	N.A.	0.6
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	12011.7	N.A.	100.0
BUG Rating	B2-U0-G2		

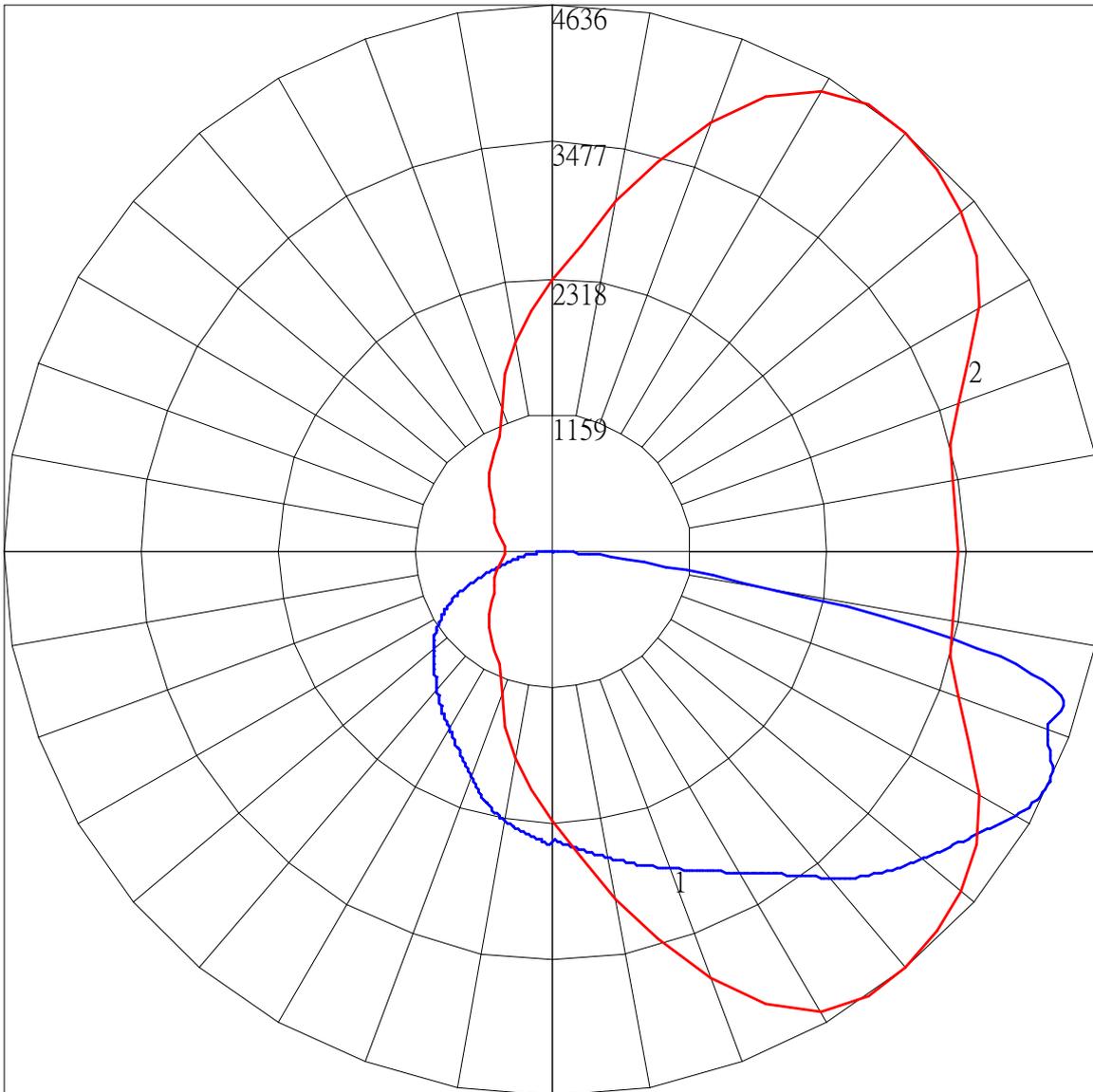
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

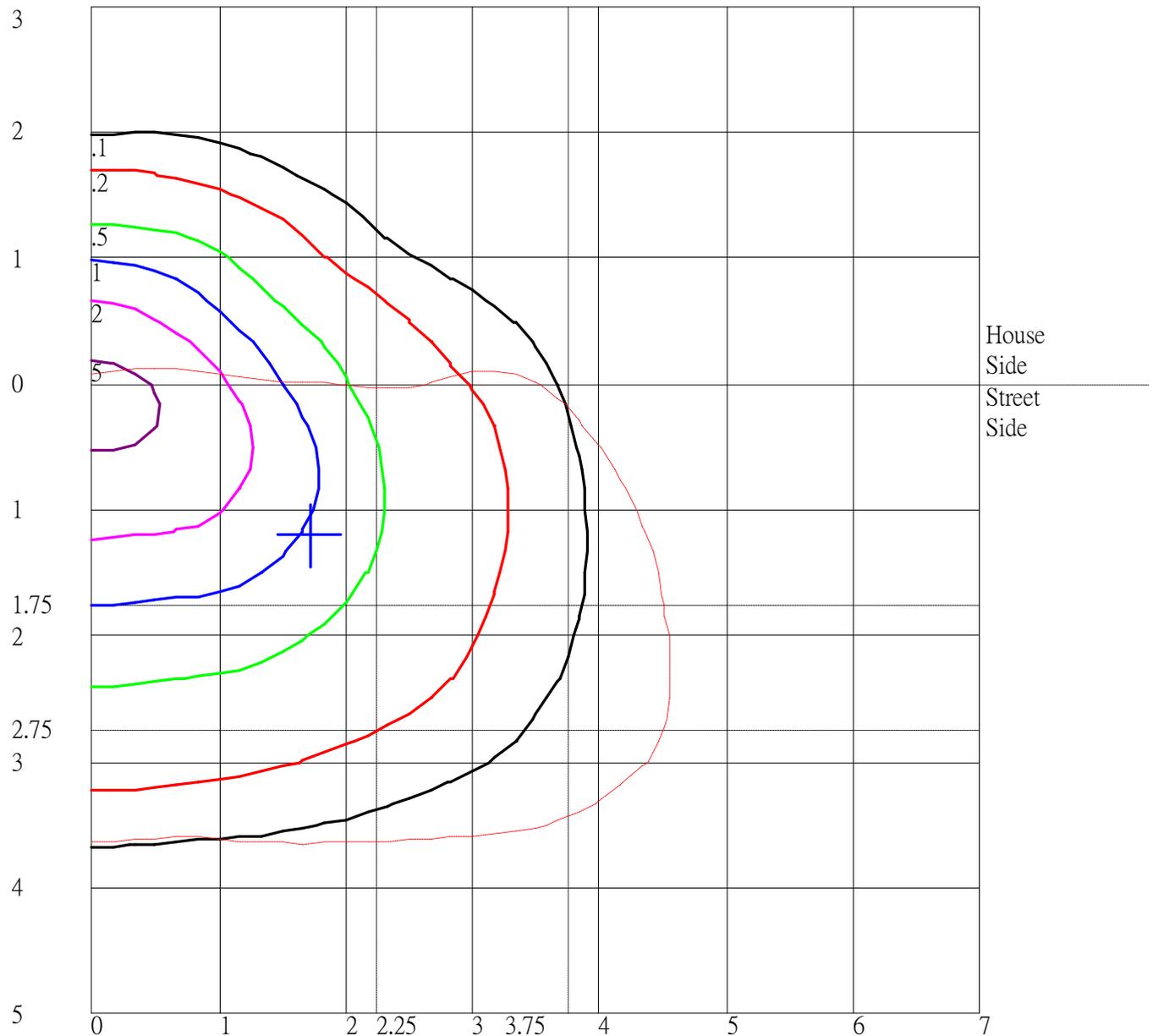
	Lumens	Percent Of Luminaire
Downward Street Side	8693.7	72.4
Downward House Side	3318.1	27.6
Downward Total	12011.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	12011.8	100.0

POLAR GRAPH



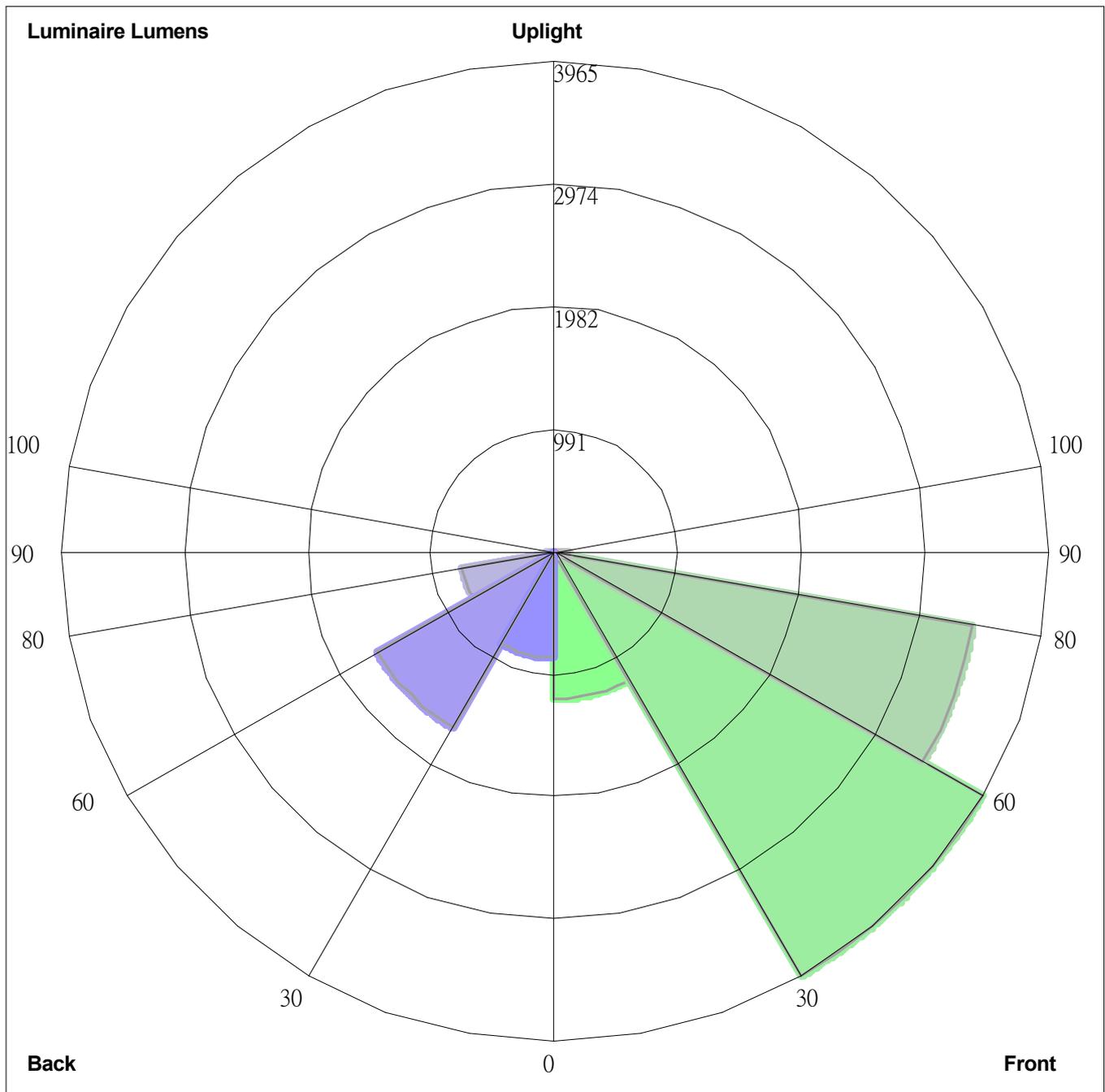
Maximum Candela = 4636.012 Located At Horizontal Angle = 55, Vertical Angle = 64.5
1 - Vertical Plane Through Horizontal Angles (55 - 235) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (64.5) (Through Max. Cd.)

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=1194.6, Medium=3964.7, High=3416.7, Very High=117.5
Back: Low=856.5, Medium=1639.6, High=748.3, Very High=73.7
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2