



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM1-60J-MV-27K-3R-XX-090 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TESTLAB] Scaled from NVLAP LM-79 for GCM1-60J-MV-30K-3R-XX-090
 [ISSUE DATE] 9/25/2020
 [MANUFAC] Leotek Electronics USA LLC
 [LUMCAT] GCM1-60J-MV-27K-3R-XX-090

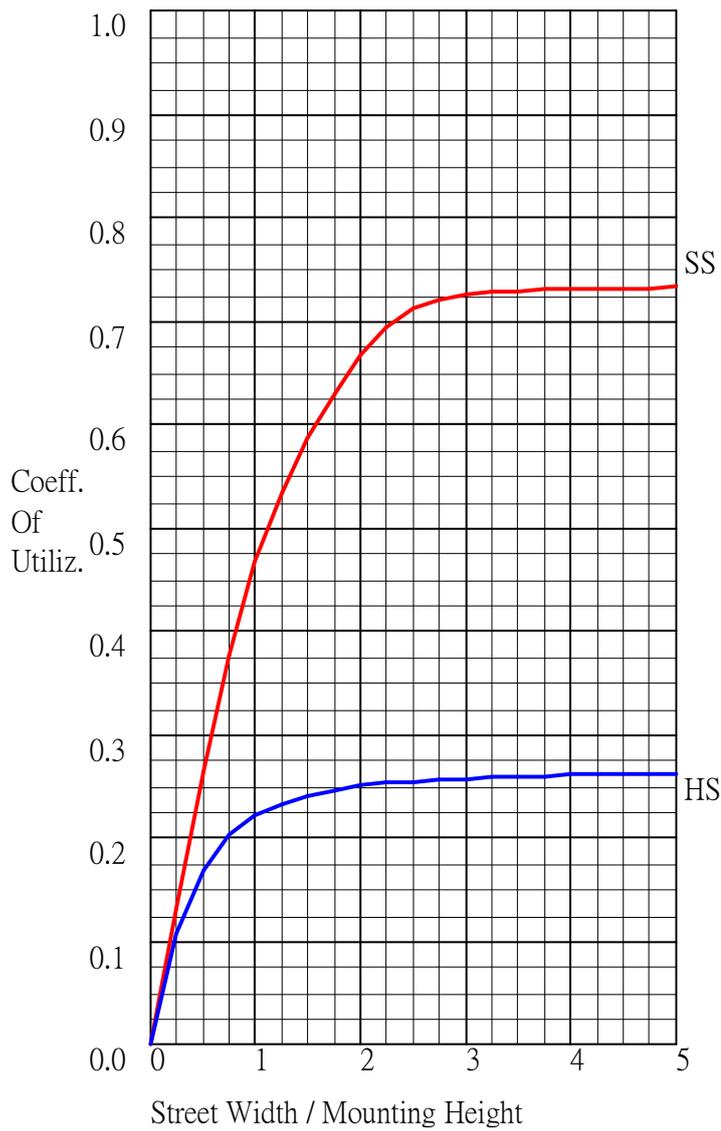
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8698
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	147
Total Luminaire Watts	59
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	3951.783
Maximum Candela Angle	65H 73V
Maximum Candela (<90 Degrees Vertical)	3951.783
Maximum Candela At 90 Degrees Vertical)	65H 73V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1086.03 (12.5% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	953.9	N.A.	11.0
FM - Front-Medium (30-60)	3075.2	N.A.	35.4
FH - Front-High (60-80)	2302.4	N.A.	26.5
FVH - Front-Very High (80-90)	62.7	N.A.	0.7
BL - Back-Low (0-30)	577.4	N.A.	6.6
BM - Back-Medium (30-60)	1131.9	N.A.	13.0
BH - Back-High (60-80)	565.5	N.A.	6.5
BVH - Back-Very High (80-90)	29.3	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	8698.3	N.A.	100.0
BUG Rating	B2-U0-G2		

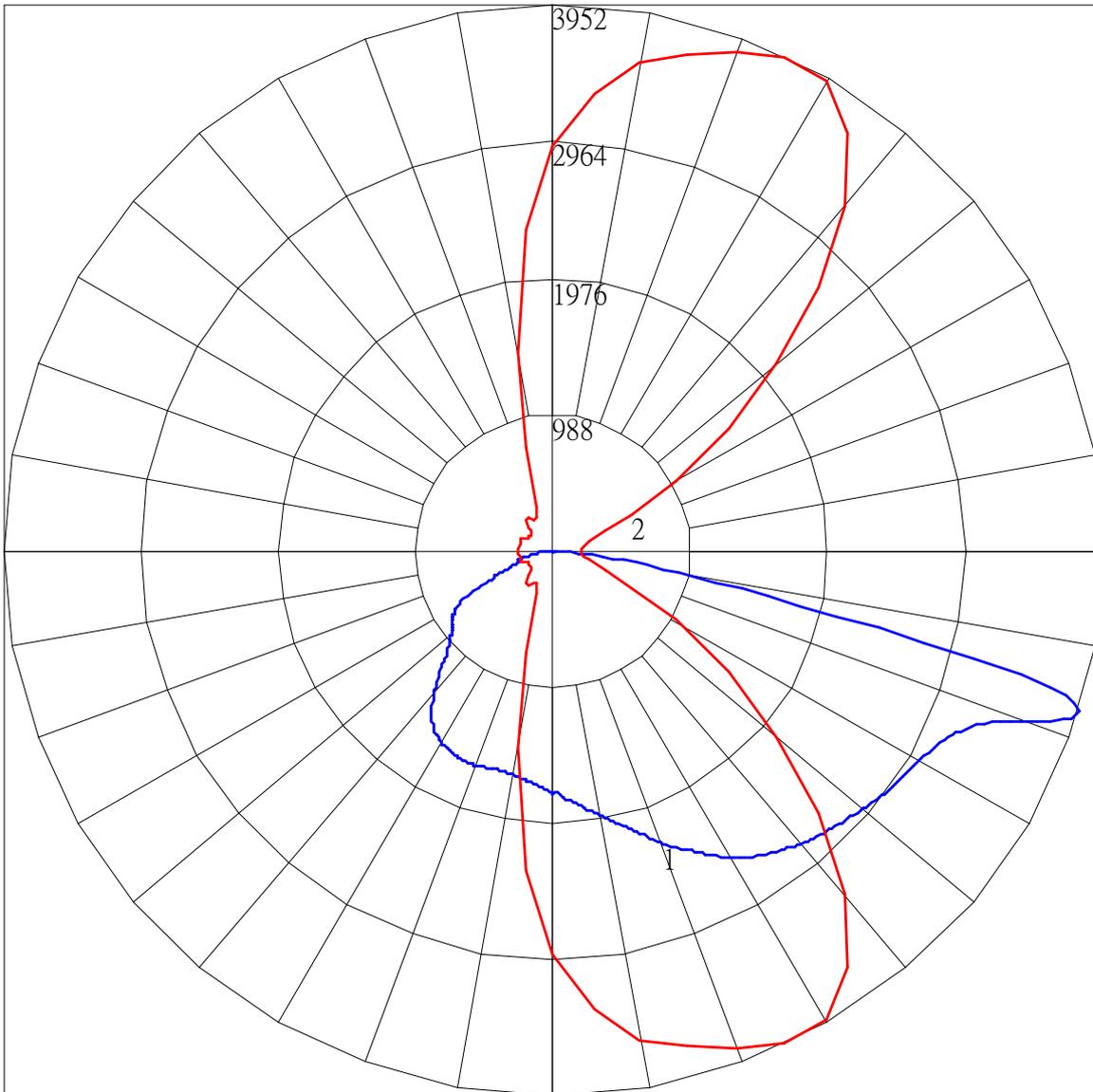
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

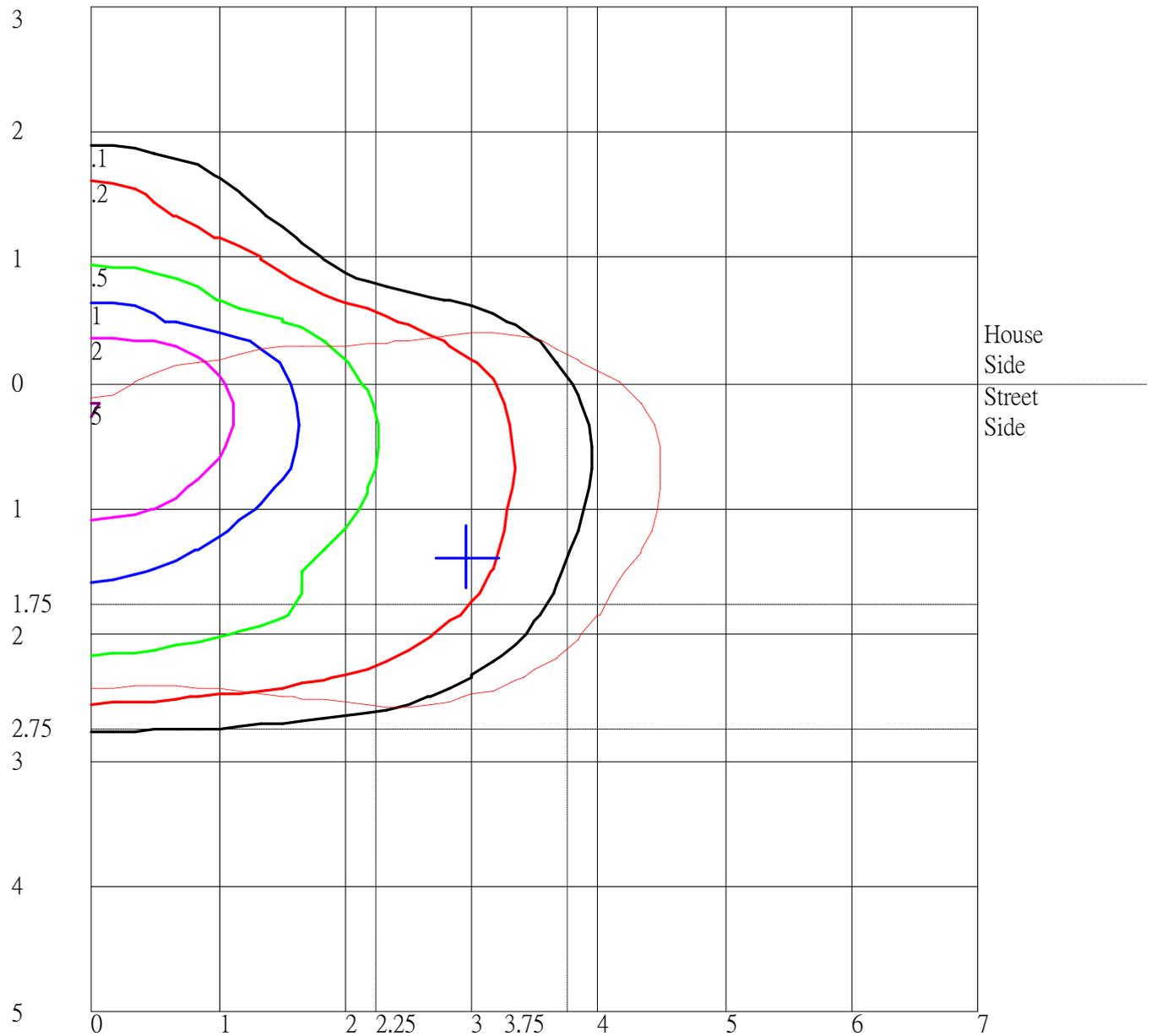
	Lumens	Percent Of Luminaire
Downward Street Side	6394.2	73.5
Downward House Side	2304.1	26.5
Downward Total	8698.3	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	8698.3	100.0

POLAR GRAPH



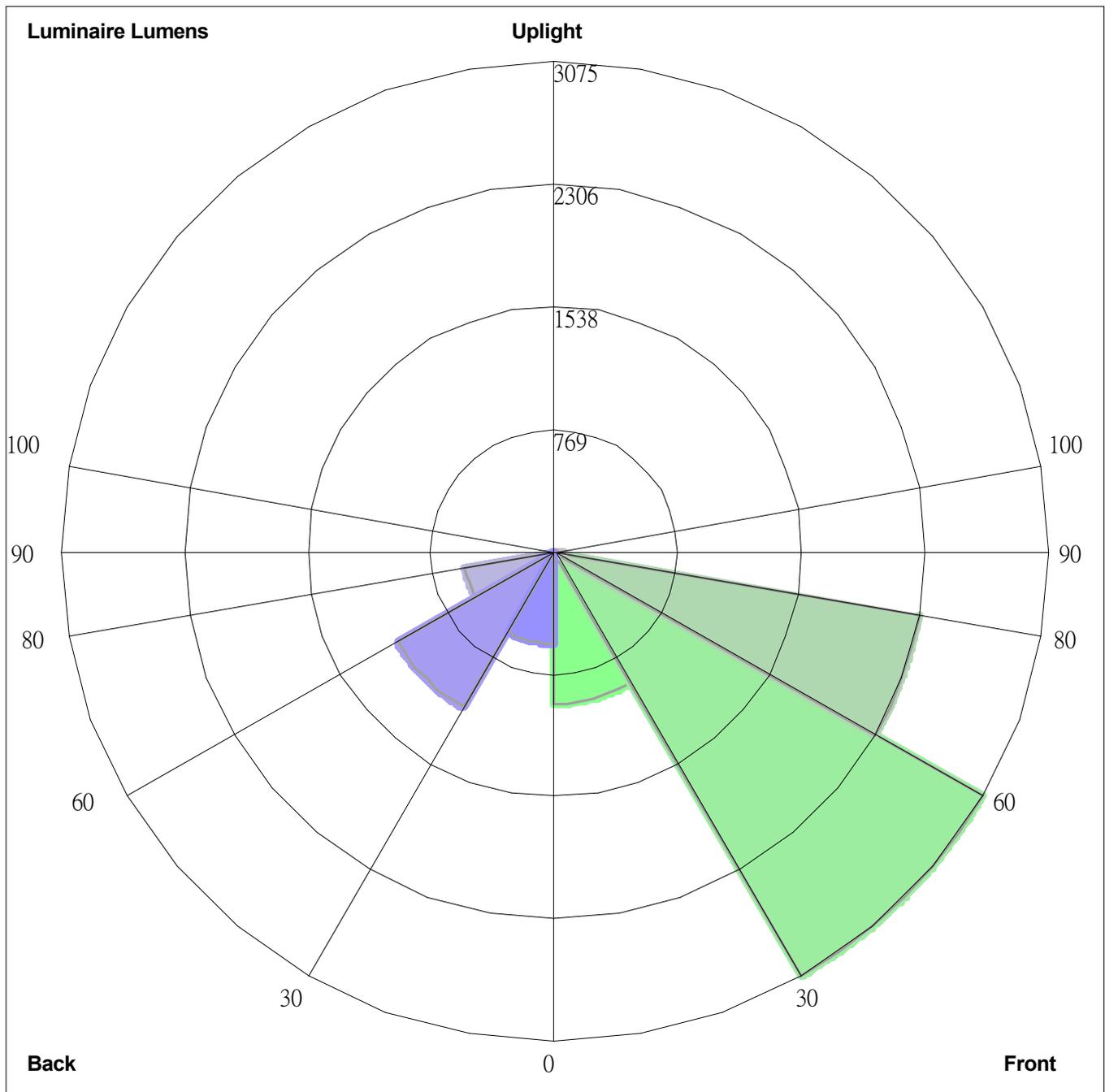
Maximum Candela = 3951.783 Located At Horizontal Angle = 65, Vertical Angle = 73
1 - Vertical Plane Through Horizontal Angles (65 - 245) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (73) (Through Max. Cd.)

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=953.9, Medium=3075.2, High=2302.4, Very High=62.7
Back: Low=577.4, Medium=1131.9, High=565.5, Very High=29.3
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2