

IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM1-60J-MV-27K-3R-XX-100 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM1-60J-MV-30K-3R-XX-125

[ISSUE DATE] 9/25/2020

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM1-60J-MV-27K-3R-XX-100

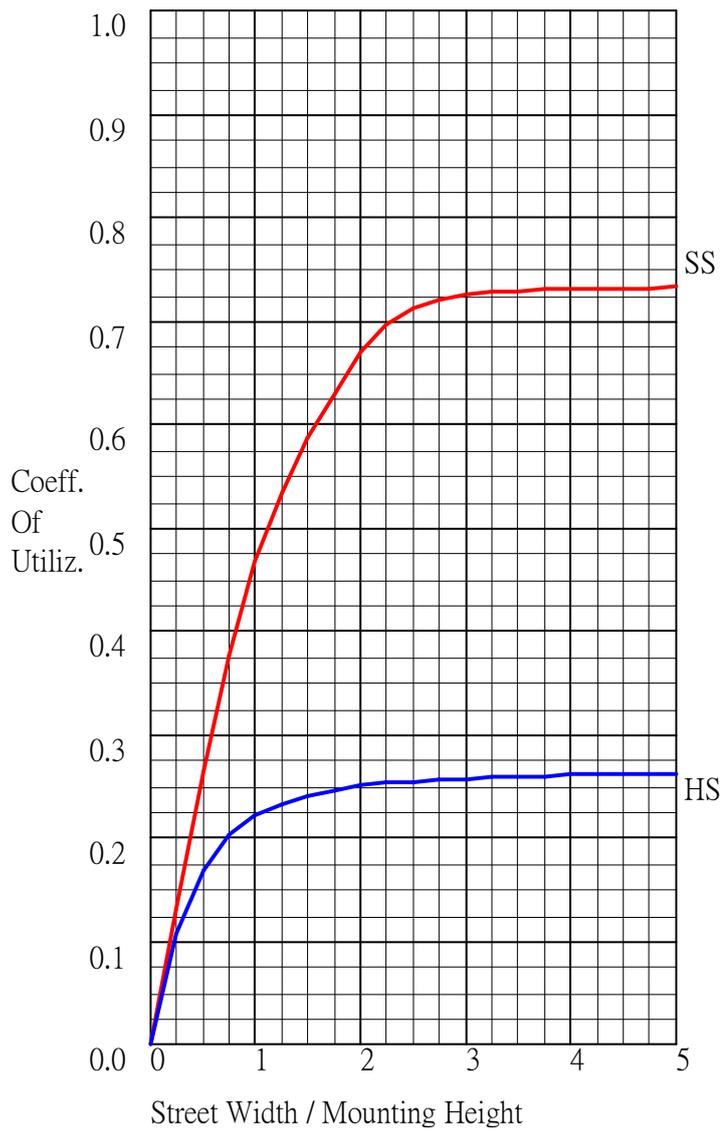
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	9861
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	152
Total Luminaire Watts	65
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4494.446
Maximum Candela Angle	65H 72.5V
Maximum Candela (<90 Degrees Vertical)	4494.446
Maximum Candela At 90 Degrees Vertical	65H 72.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1227.609 (12.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1079.1	N.A.	10.9
FM - Front-Medium (30-60)	3490.5	N.A.	35.4
FH - Front-High (60-80)	2609.4	N.A.	26.5
FVH - Front-Very High (80-90)	70.3	N.A.	0.7
BL - Back-Low (0-30)	653.0	N.A.	6.6
BM - Back-Medium (30-60)	1283.5	N.A.	13.0
BH - Back-High (60-80)	641.5	N.A.	6.5
BVH - Back-Very High (80-90)	33.7	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	9861.0	N.A.	100.0
BUG Rating	B2-U0-G2		

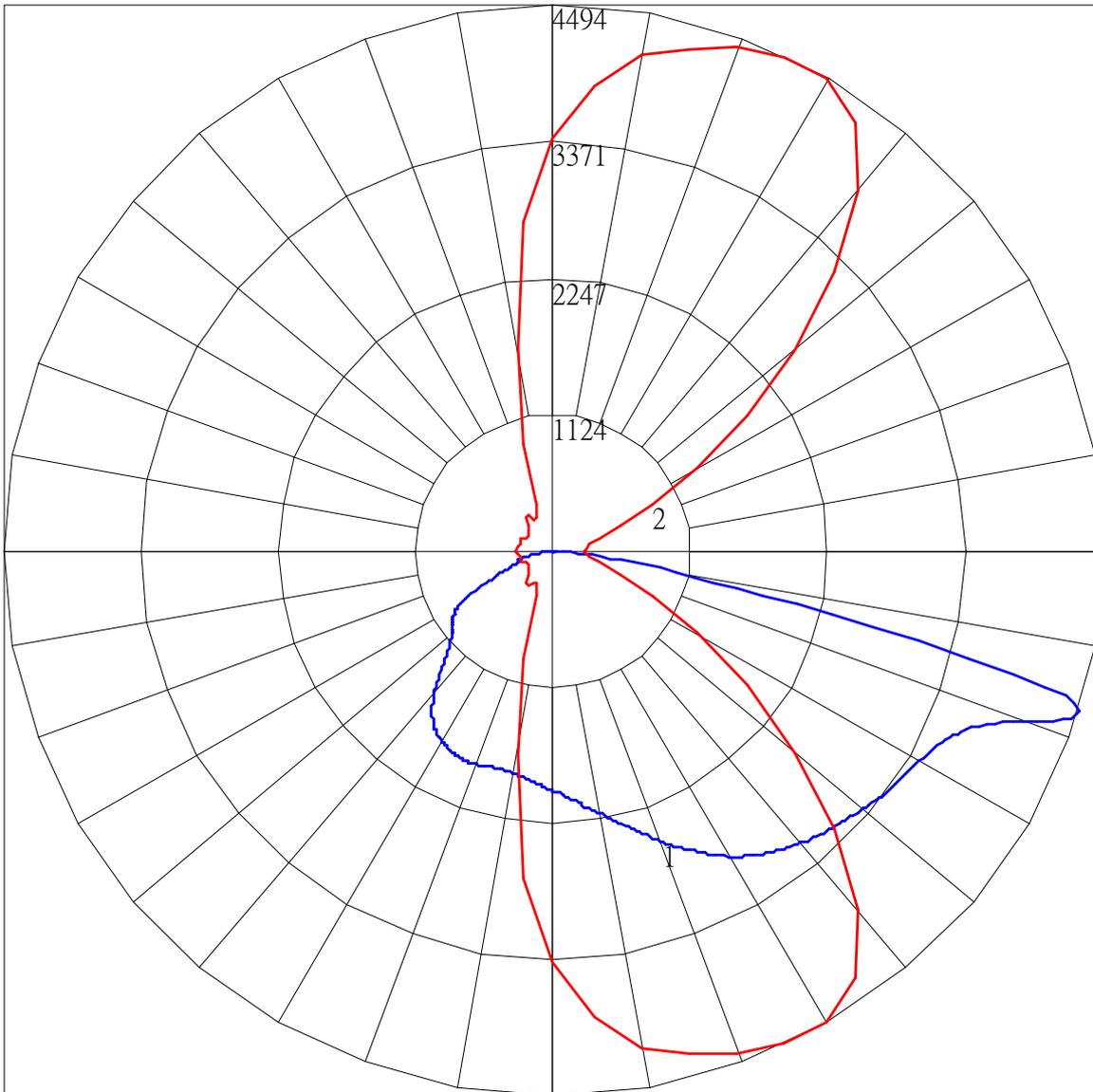
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

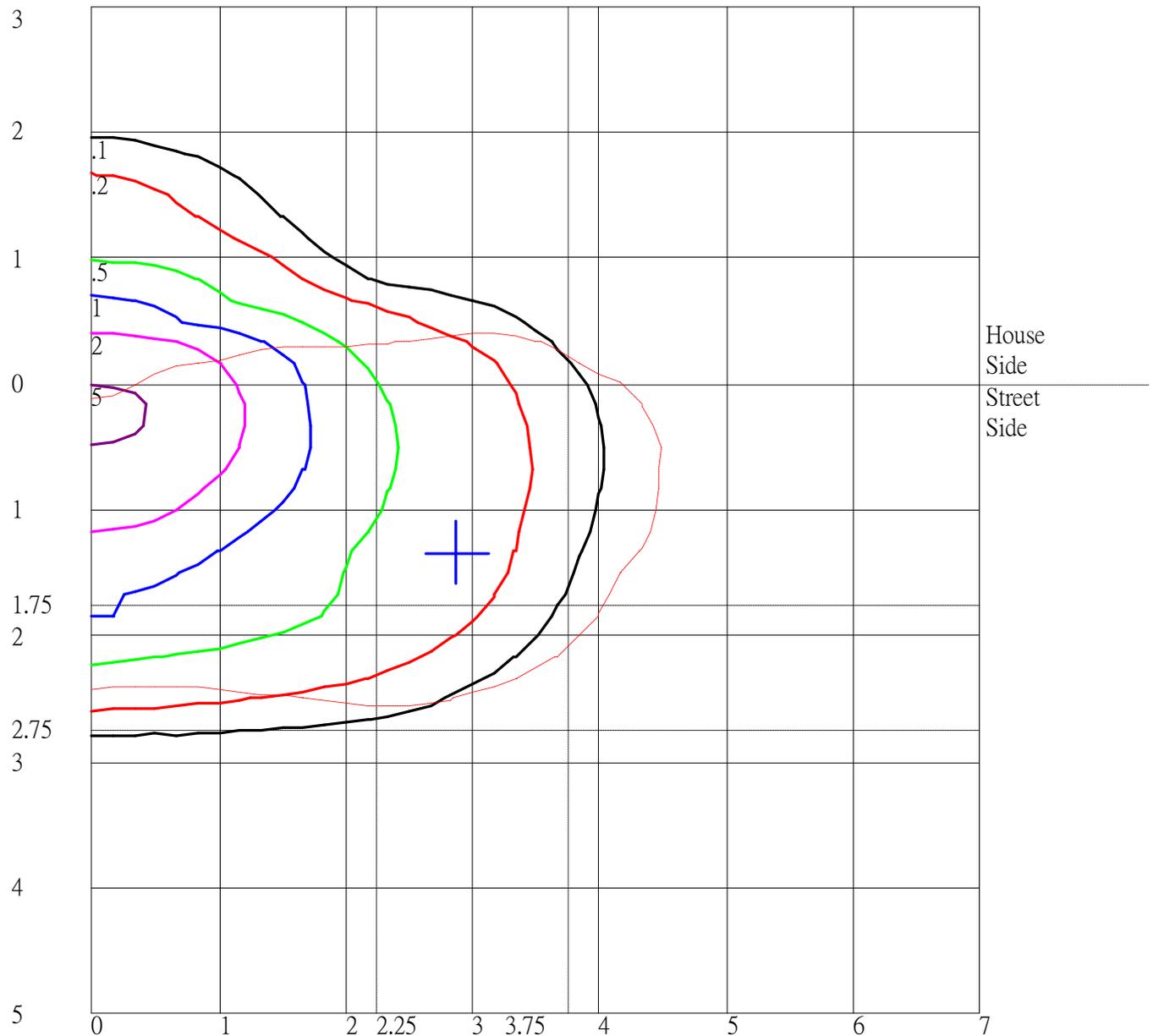
	Lumens	Percent Of Luminaire
Downward Street Side	7249.3	73.5
Downward House Side	2611.7	26.5
Downward Total	9861.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	9861.0	100.0

POLAR GRAPH



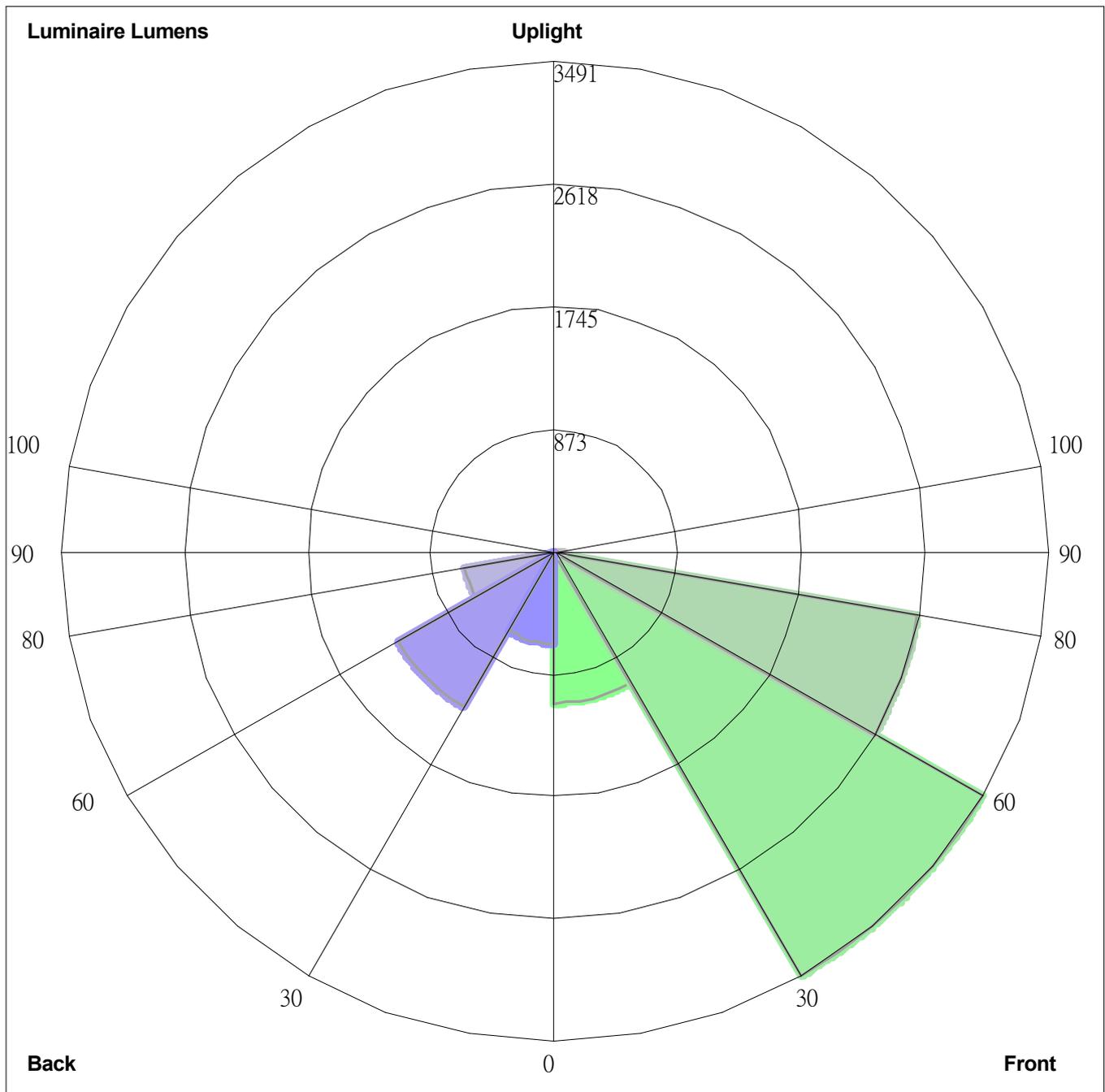
Maximum Candela = 4494.446 Located At Horizontal Angle = 65, Vertical Angle = 72.5
1 - Vertical Plane Through Horizontal Angles (65 - 245) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (72.5) (Through Max. Cd.)

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=1079.1, Medium=3490.5, High=2609.4, Very High=70.3
Back: Low=653.0, Medium=1283.5, High=641.5, Very High=33.7
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2