



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM2-60J-MV-27K-2R-XX-145 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TESTLAB] Scaled from NVLAP LM-79 for GCM3-60J-MV-30K-2R-XX-180
 [ISSUEDATE] 2020-05-18
 [MANUFAC] Leotek Electronics USA LLC
 [LUMCAT] GCM2-60J-MV-27K-2R-XX-145

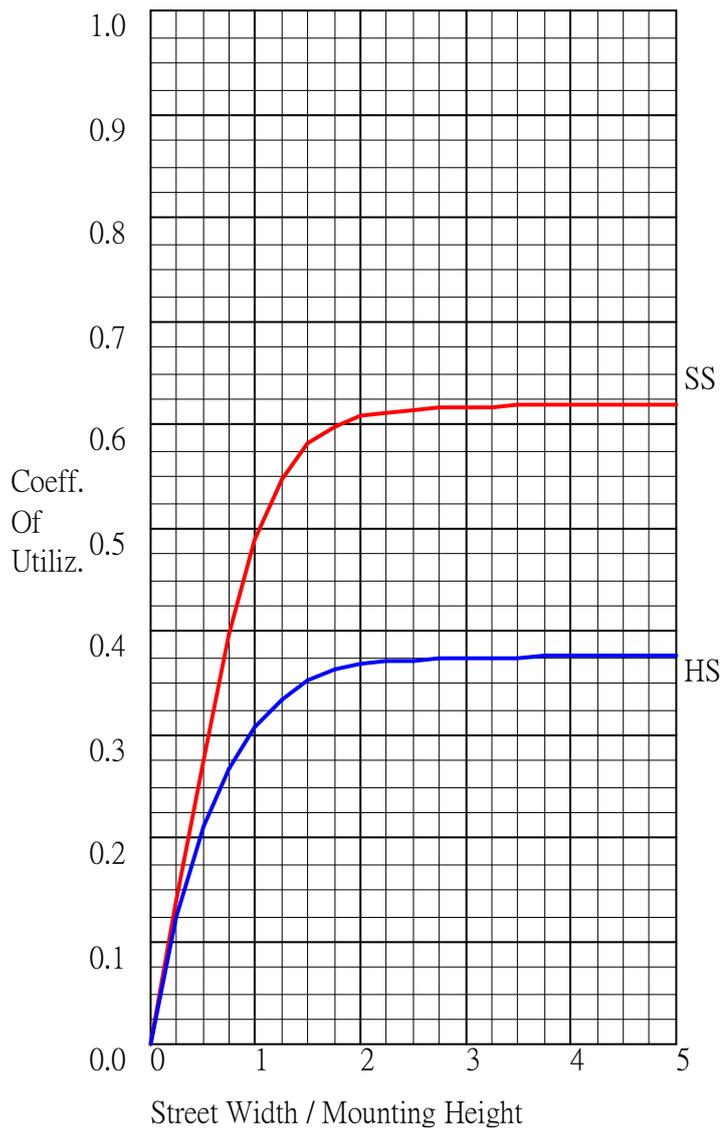
CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	14440
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	144
Total Luminaire Watts	100
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	8752.504
Maximum Candela Angle	75H 73.5V
Maximum Candela (<90 Degrees Vertical)	8752.504
Maximum Candela At 90 Degrees Vertical)	75H 73.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2867.143 (19.9% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1341.9	N.A.	9.3
FM - Front-Medium (30-60)	4883.7	N.A.	33.8
FH - Front-High (60-80)	2665.3	N.A.	18.5
FVH - Front-Very High (80-90)	88.3	N.A.	0.6
BL - Back-Low (0-30)	1242.6	N.A.	8.6
BM - Back-Medium (30-60)	2955.3	N.A.	20.5
BH - Back-High (60-80)	1231.9	N.A.	8.5
BVH - Back-Very High (80-90)	31.2	N.A.	0.2
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	14440.2	N.A.	100.0
BUG Rating	B3-U0-G3		

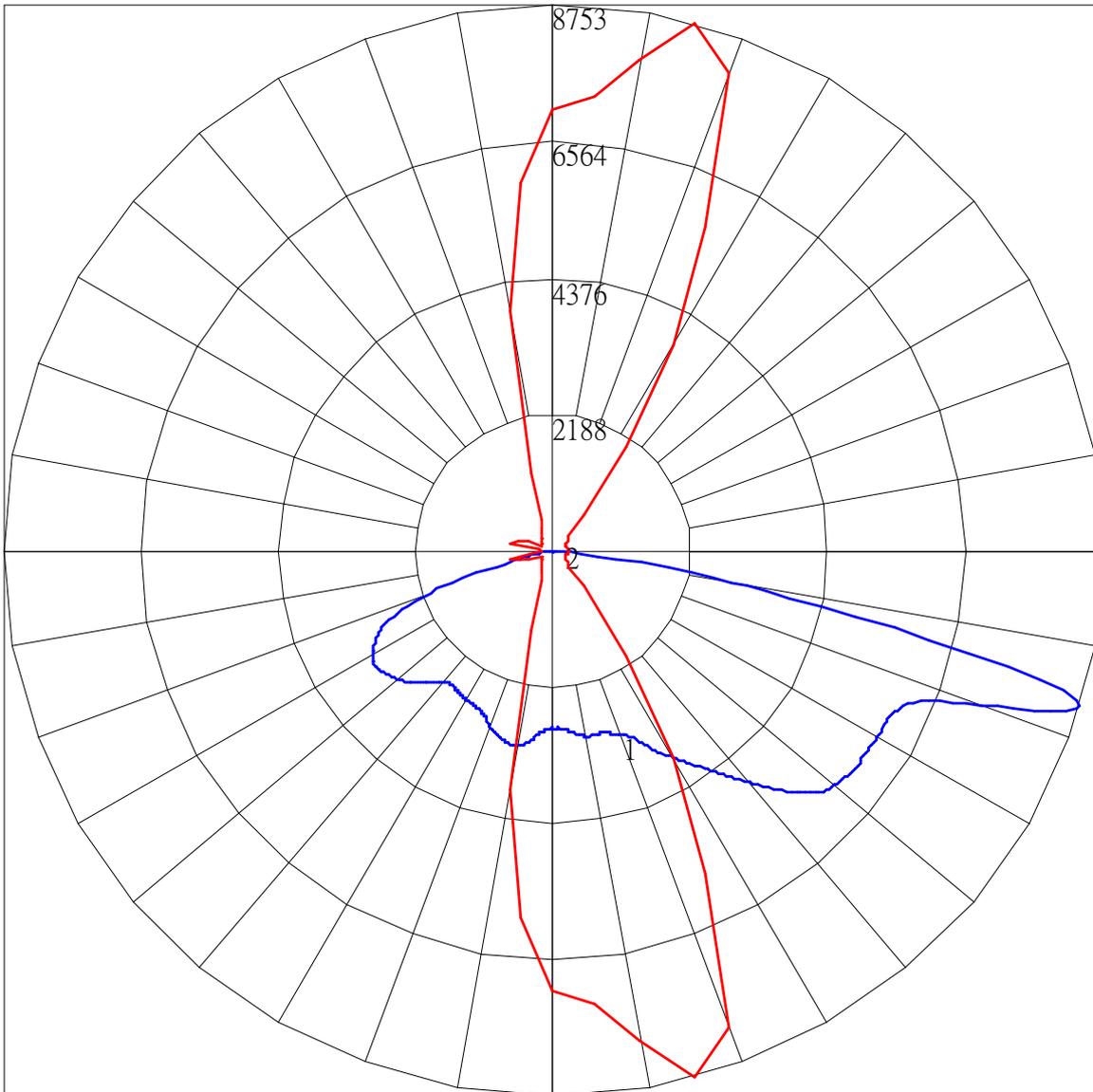
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

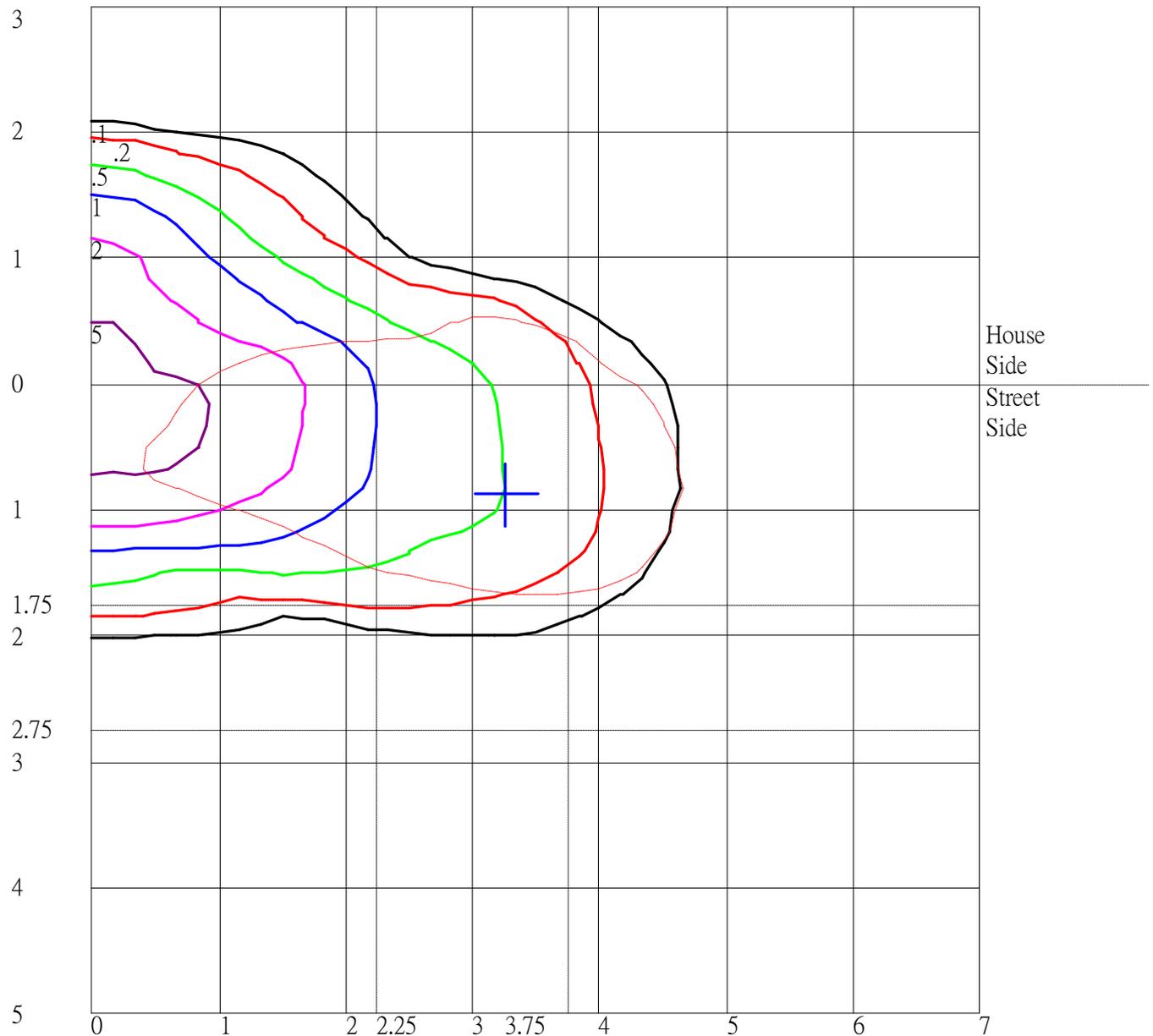
	Lumens	Percent Of Luminaire
Downward Street Side	8979.3	62.2
Downward House Side	5461.0	37.8
Downward Total	14440.3	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	14440.3	100.0

POLAR GRAPH



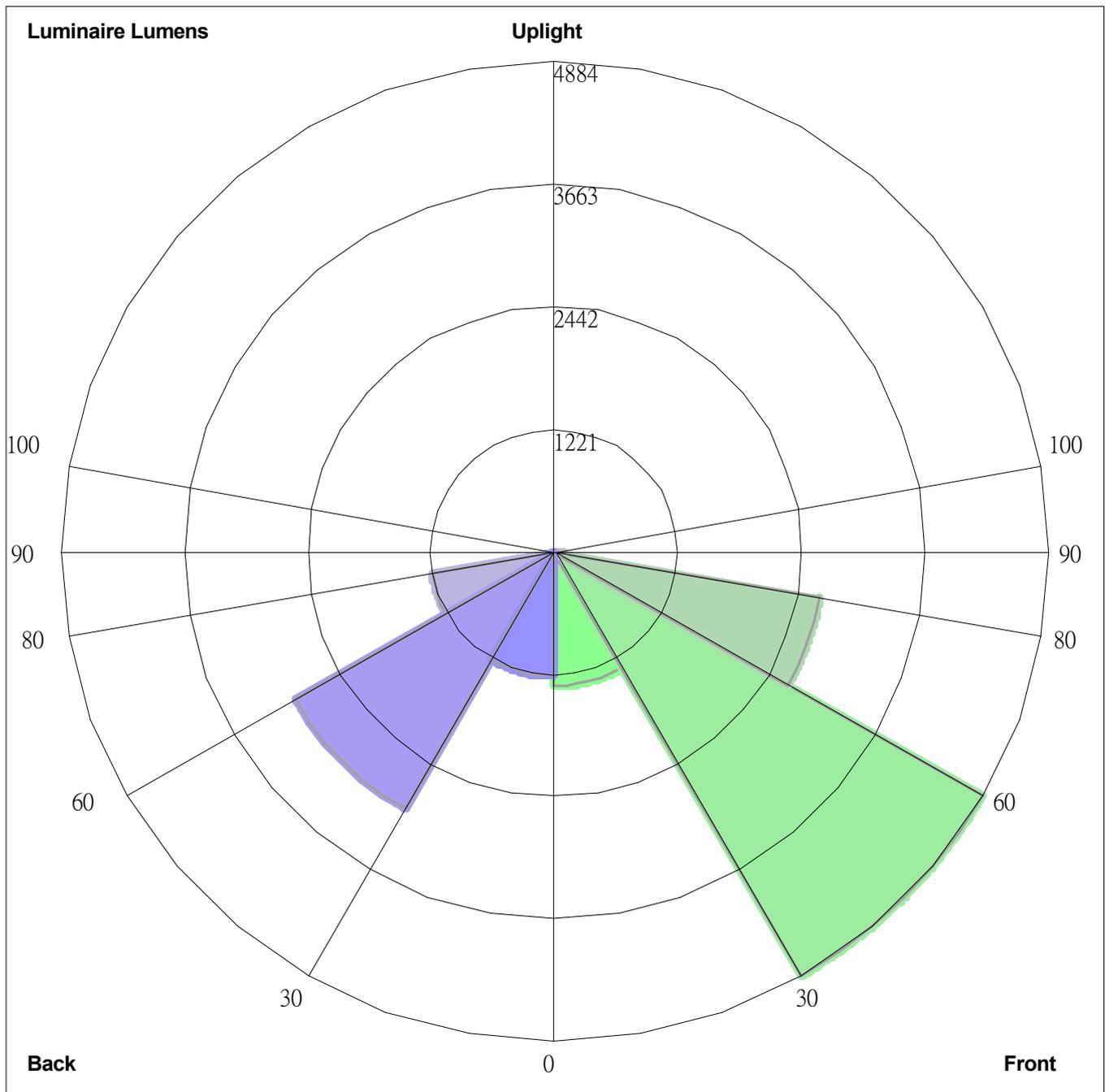
Maximum Candela = 8752.504 Located At Horizontal Angle = 75, Vertical Angle = 73.5
1 - Vertical Plane Through Horizontal Angles (75 - 255) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (73.5) (Through Max. Cd.)

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=1341.9, Medium=4883.7, High=2665.3, Very High=88.3
Back: Low=1242.6, Medium=2955.3, High=1231.9, Very High=31.2
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3