



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM3-60J-MV-27K-2R-XX-170 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] GCM3-60J-MV-27K-2R-XX-170

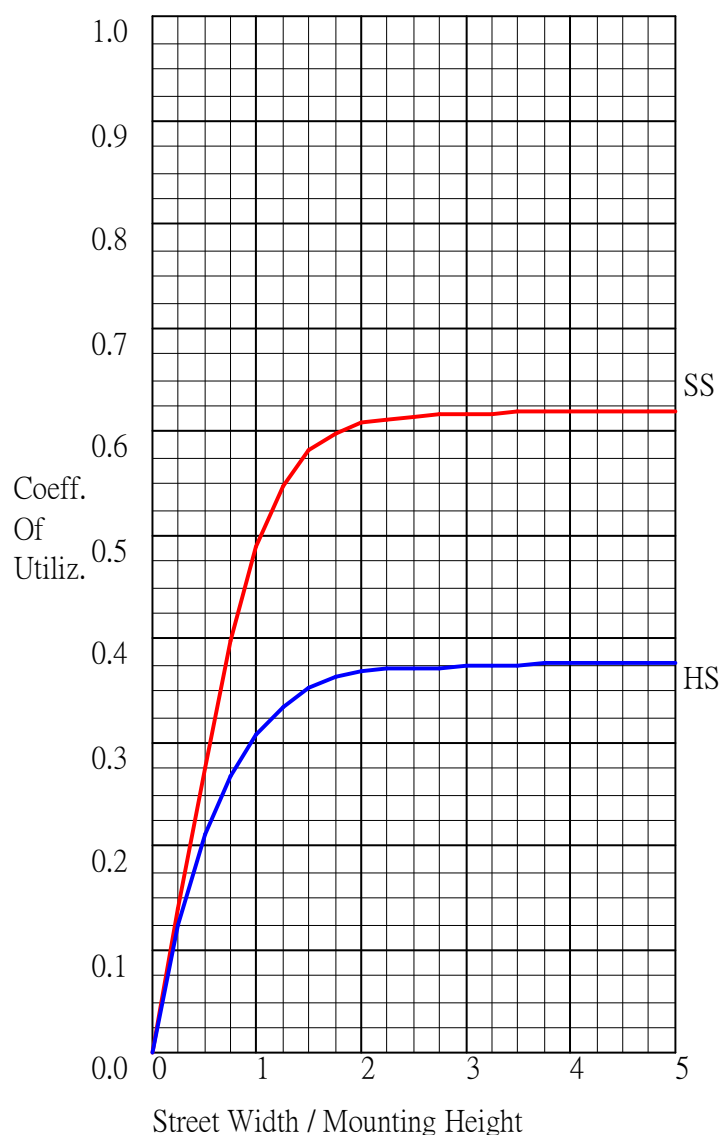
CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	17261
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	140
Total Luminaire Watts	123
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	10461.991
Maximum Candela Angle	75H 73.5V
Maximum Candela (<90 Degrees Vertical)	10461.991
Maximum Candela Angle (<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	3427.136 (19.9% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1604.0	N.A.	9.3
FM - Front-Medium (30-60)	5837.5	N.A.	33.8
FH - Front-High (60-80)	3185.9	N.A.	18.5
FVH - Front-Very High (80-90)	105.6	N.A.	0.6
BL - Back-Low (0-30)	1485.3	N.A.	8.6
BM - Back-Medium (30-60)	3532.5	N.A.	20.5
BH - Back-High (60-80)	1472.6	N.A.	8.5
BVH - Back-Very High (80-90)	37.3	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	17260.7	N.A.	100.0
BUG Rating	B3-U0-G3		

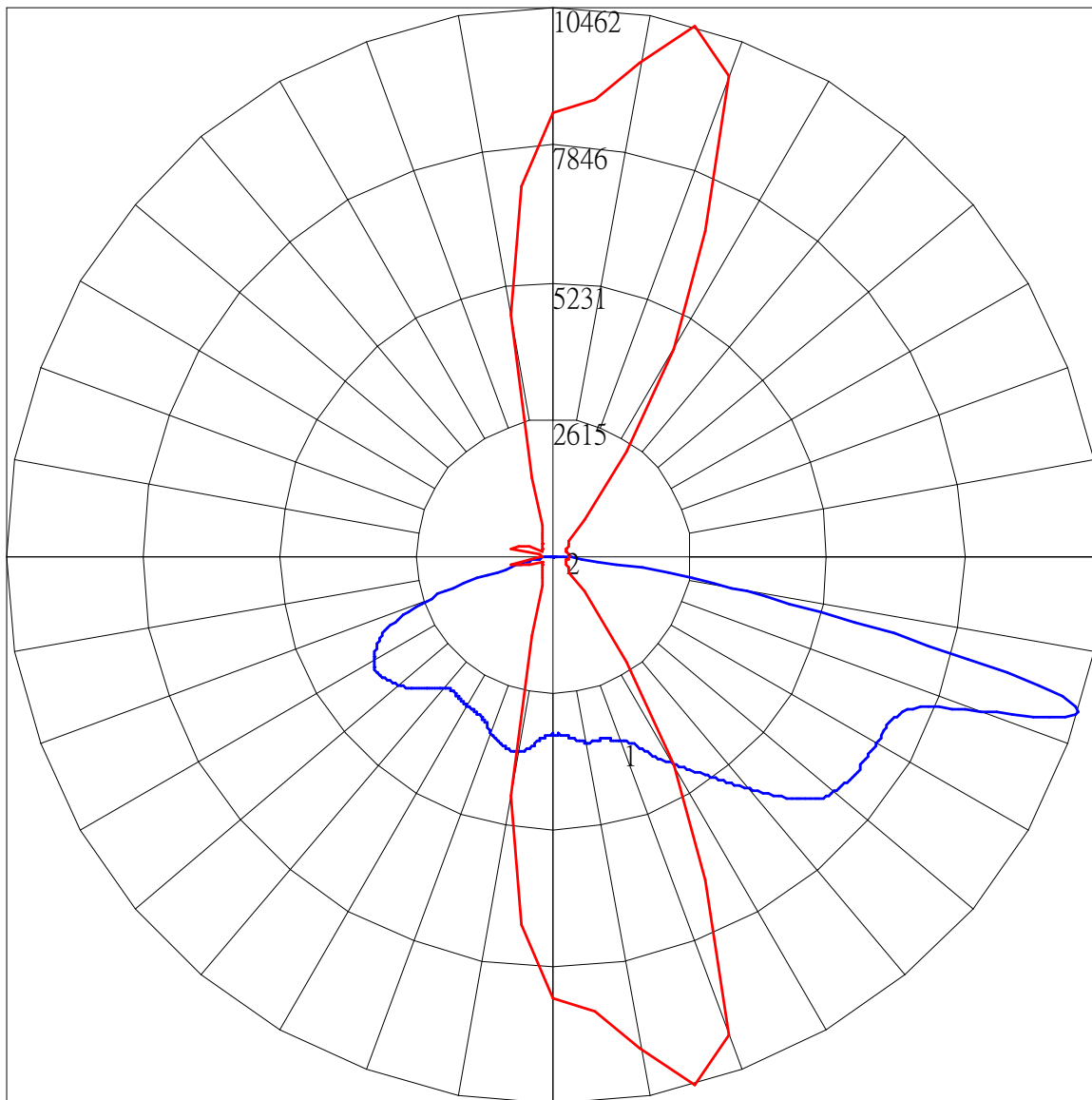
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

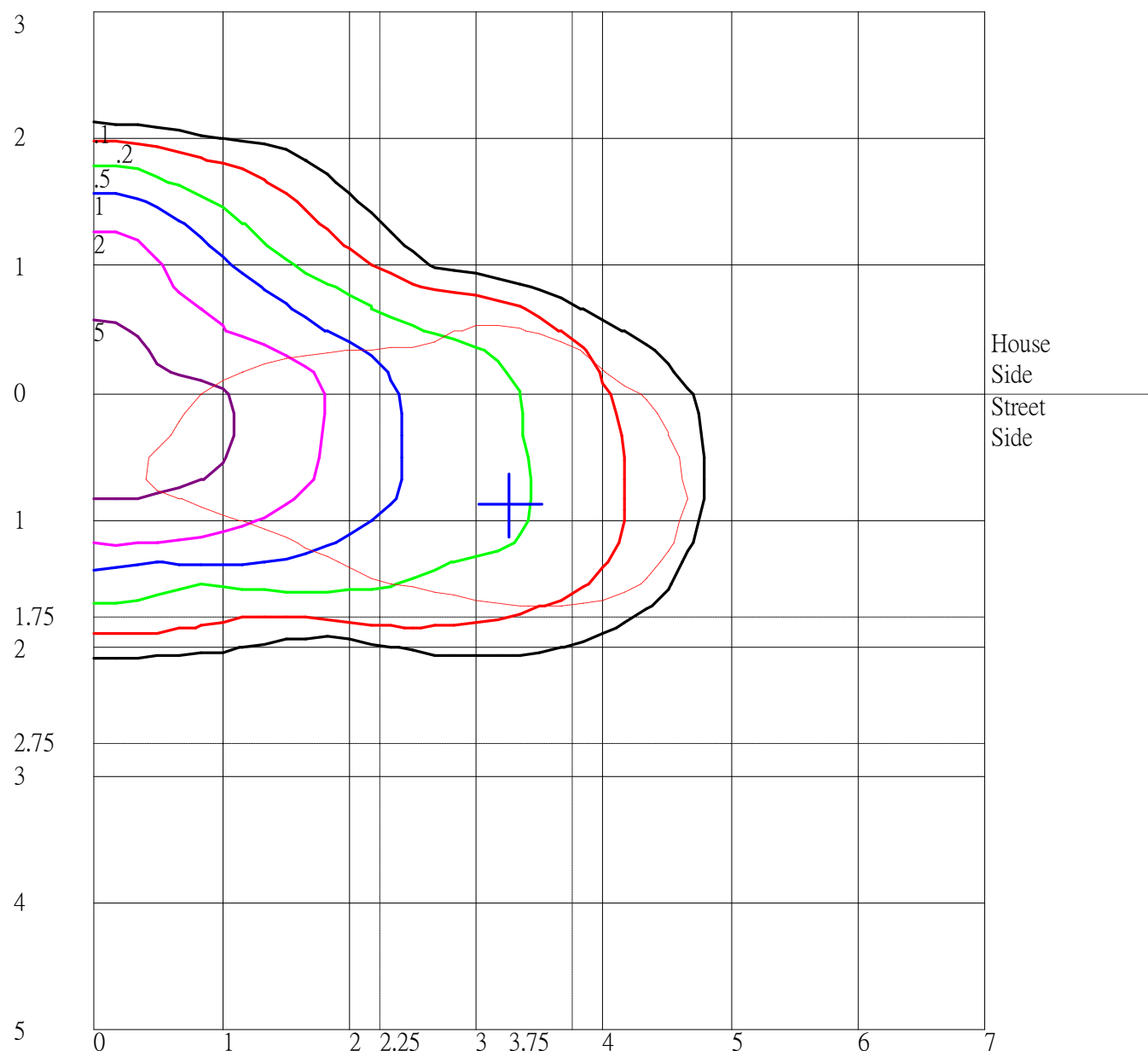
	Lumens	Percent Of Luminaire
Downward Street Side	10733.1	62.2
Downward House Side	6527.6	37.8
Downward Total	17260.6	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	17260.6	100.0

POLAR GRAPH

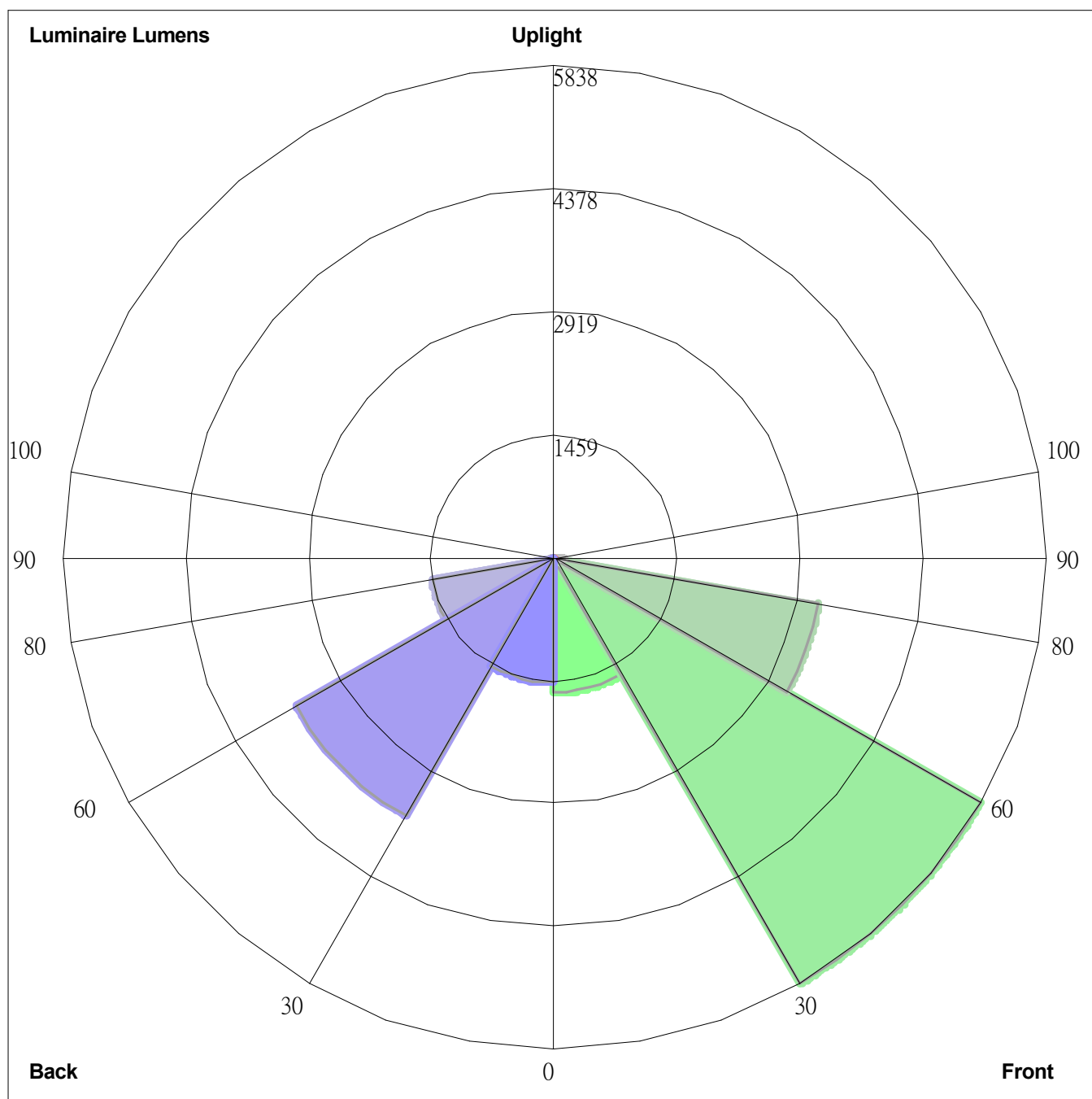


Maximum Candela = 10461.991 Located At Horizontal Angle = 75, Vertical Angle = 73.5
1 - Vertical Plane Through Horizontal Angles (75 - 255) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (73.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low= 1604.0, Medium=5837.5, High=3185.9, Very High=105.6
Back: Low=1485.3, Medium=3532.5, High=1472.6, Very High=37.3
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3