



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM1-60J-MV-27K-2R-XX-120 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM1-60J-MV-30K-2R-XX-130

[ISSUEDATE] 2020-09-25

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM1-60J-MV-27K-2R-XX-120

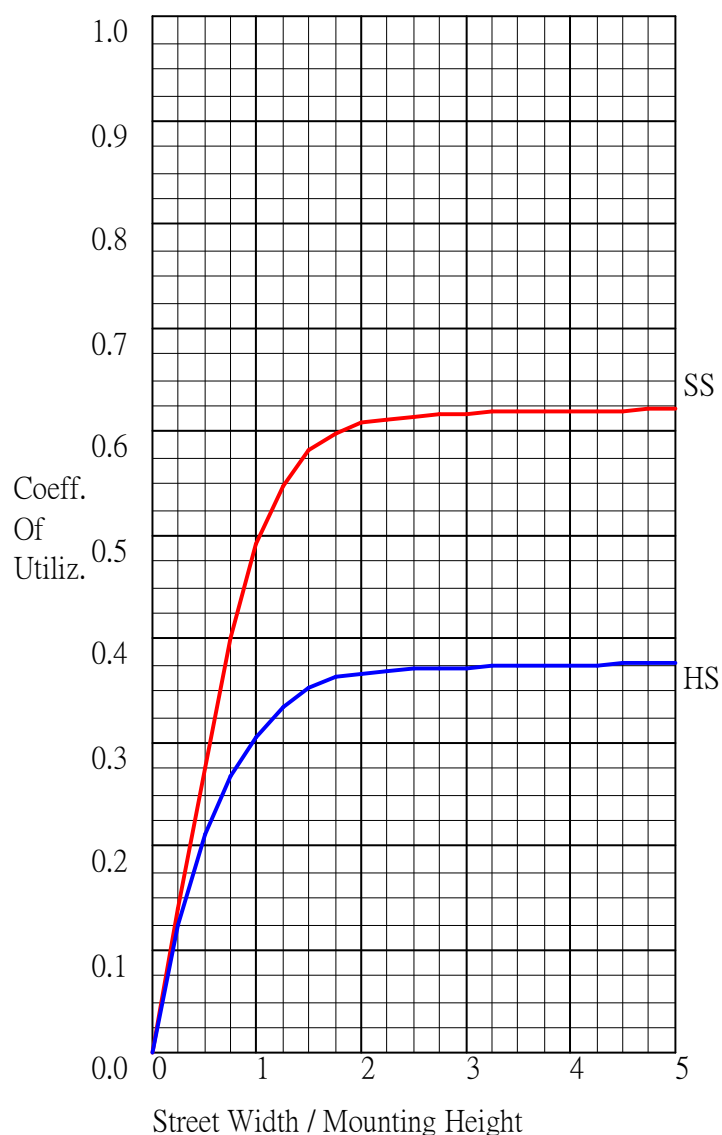
CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	11774
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	147
Total Luminaire Watts	80
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	7112.759
Maximum Candela Angle	75H 73.5V
Maximum Candela (<90 Degrees Vertical)	7112.759
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	2327.735 (19.8% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1094.2	N.A.	9.3
FM - Front-Medium (30-60)	3982.4	N.A.	33.8
FH - Front-High (60-80)	2180.3	N.A.	18.5
FVH - Front-Very High (80-90)	73.4	N.A.	0.6
BL - Back-Low (0-30)	1011.9	N.A.	8.6
BM - Back-Medium (30-60)	2404.0	N.A.	20.4
BH - Back-High (60-80)	1000.4	N.A.	8.5
BVH - Back-Very High (80-90)	27.6	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	11774.2	N.A.	100.0
BUG Rating	B3-U0-G3		

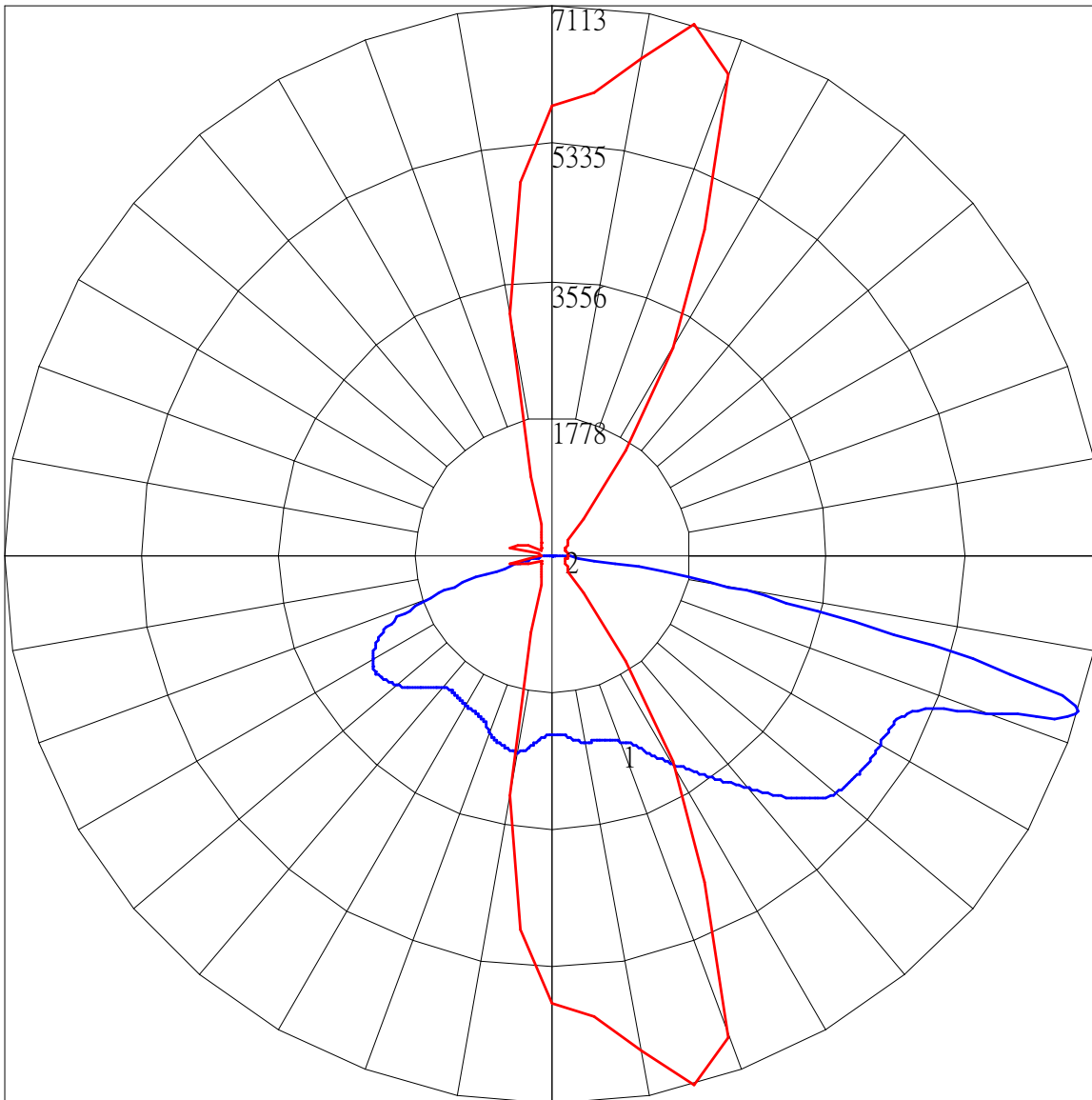
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

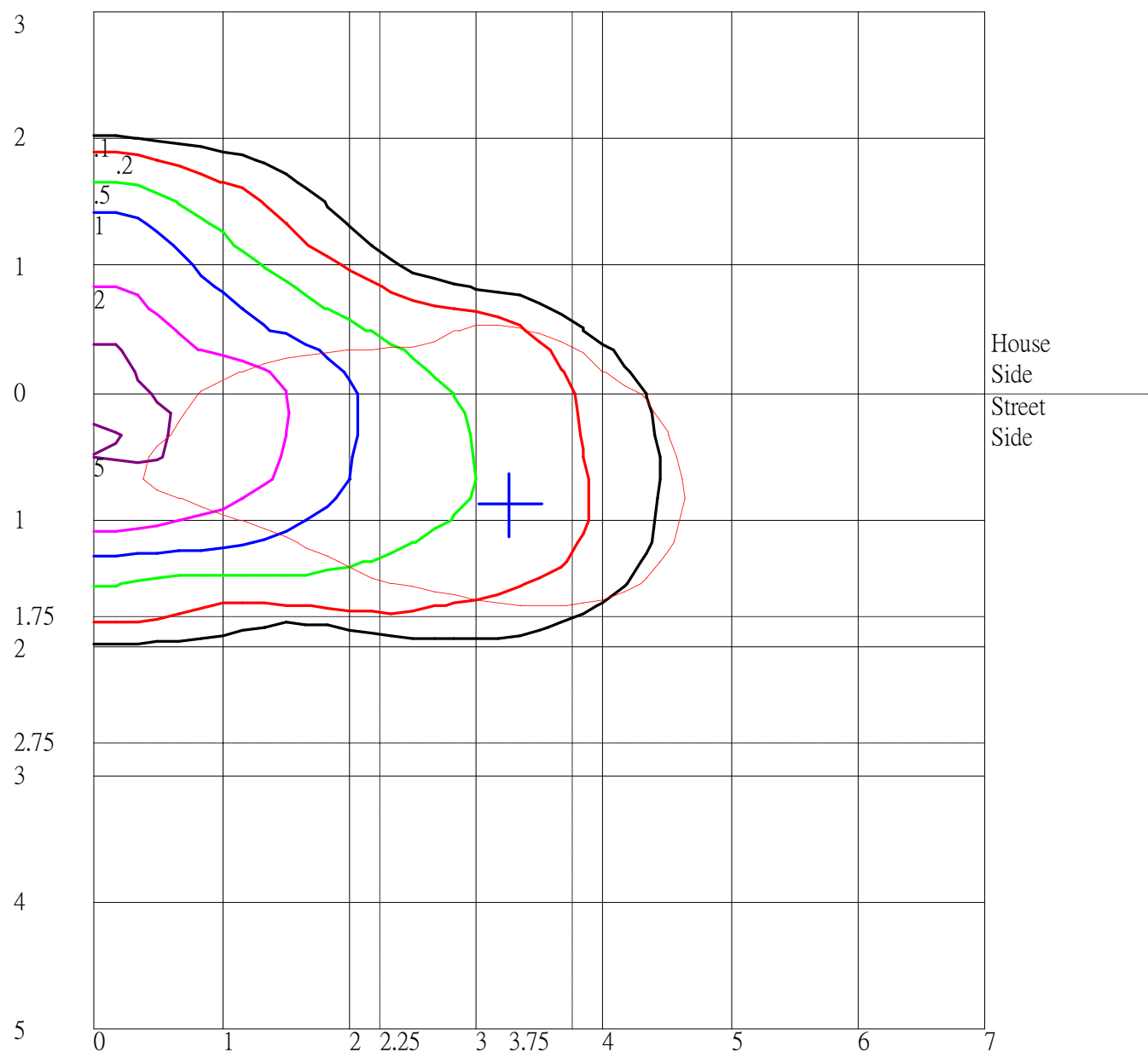
	Lumens	Percent Of Luminaire
Downward Street Side	7330.3	62.3
Downward House Side	4443.9	37.7
Downward Total	11774.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	11774.2	100.0

POLAR GRAPH

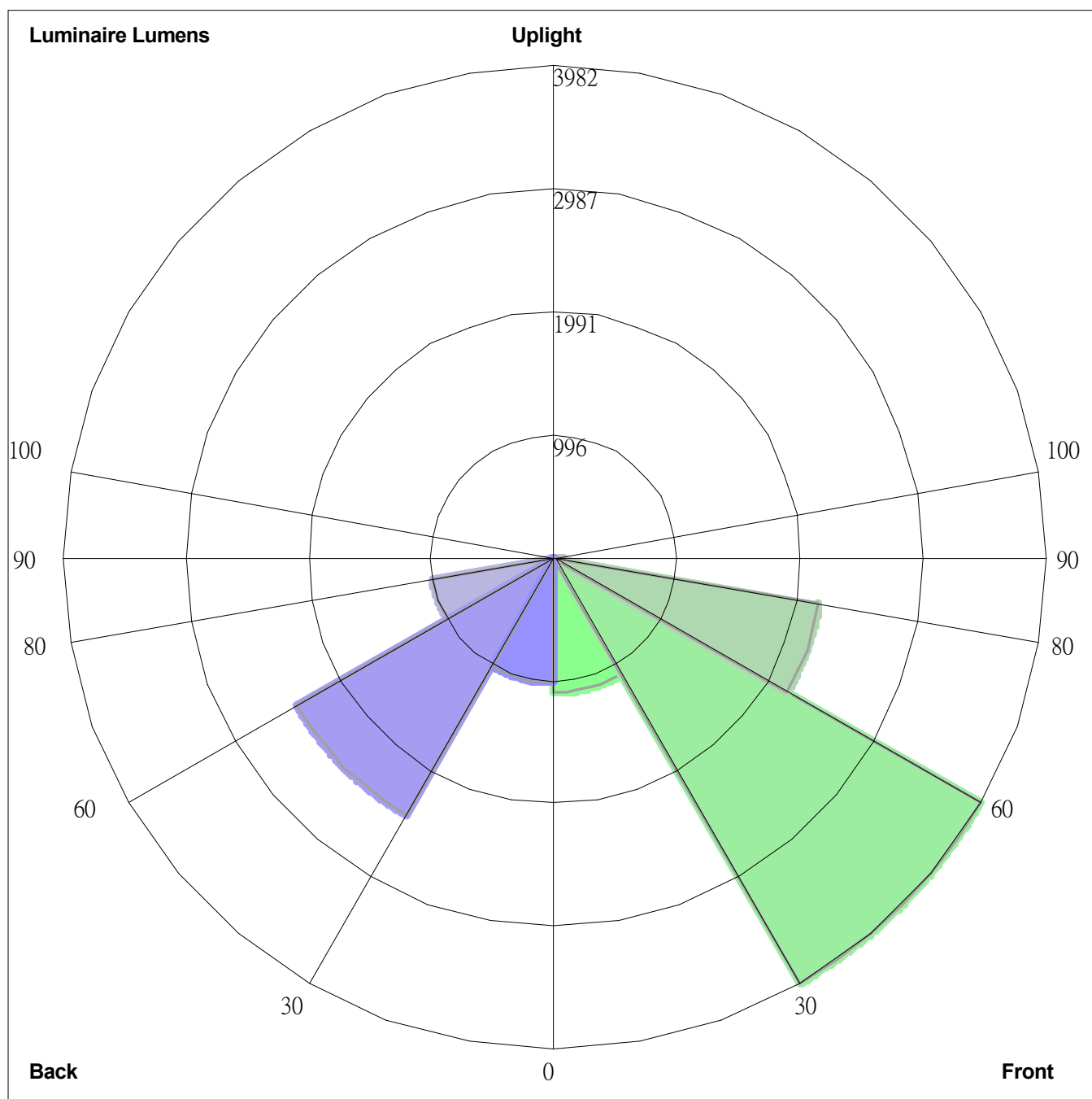


Maximum Candela = 7112.759 Located At Horizontal Angle = 75, Vertical Angle = 73.5
1 - Vertical Plane Through Horizontal Angles (75 - 255) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (73.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1094.2, Medium=3982.4, High=2180.3, Very High=73.4
Back: Low=1011.9, Medium= 2404.0, High=1000.4, Very High=27.6
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3