



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM3-60J-MV-27K-5-XX-170 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM3-60J-MV-30K-5-XX-180

[ISSUEDATE] 7/3/2019

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM3-60J-MV-27K-5-XX-170

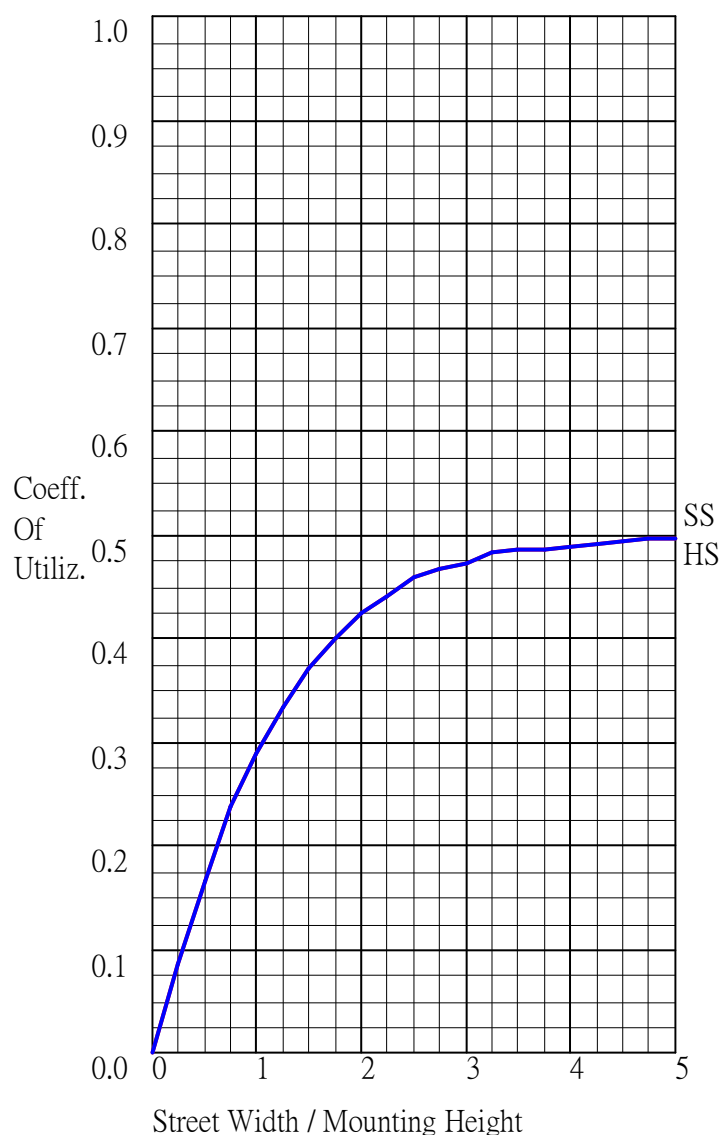
CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	17384
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	123
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	5365.243
Maximum Candela Angle	45H 69.5V
Maximum Candela (<90 Degrees Vertical)	5365.243
Maximum Candela Angle (<90 Degrees Vertical)	45H 69.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	994.063 (5.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1274.1	N.A.	7.3
FM - Front-Medium (30-60)	3852.1	N.A.	22.2
FH - Front-High (60-80)	3480.7	N.A.	20.0
FVH - Front-Very High (80-90)	85.0	N.A.	0.5
BL - Back-Low (0-30)	1274.1	N.A.	7.3
BM - Back-Medium (30-60)	3852.1	N.A.	22.2
BH - Back-High (60-80)	3480.7	N.A.	20.0
BVH - Back-Very High (80-90)	85.0	N.A.	0.5
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	17383.8	N.A.	100.0
BUG Rating	B4-U0-G2		

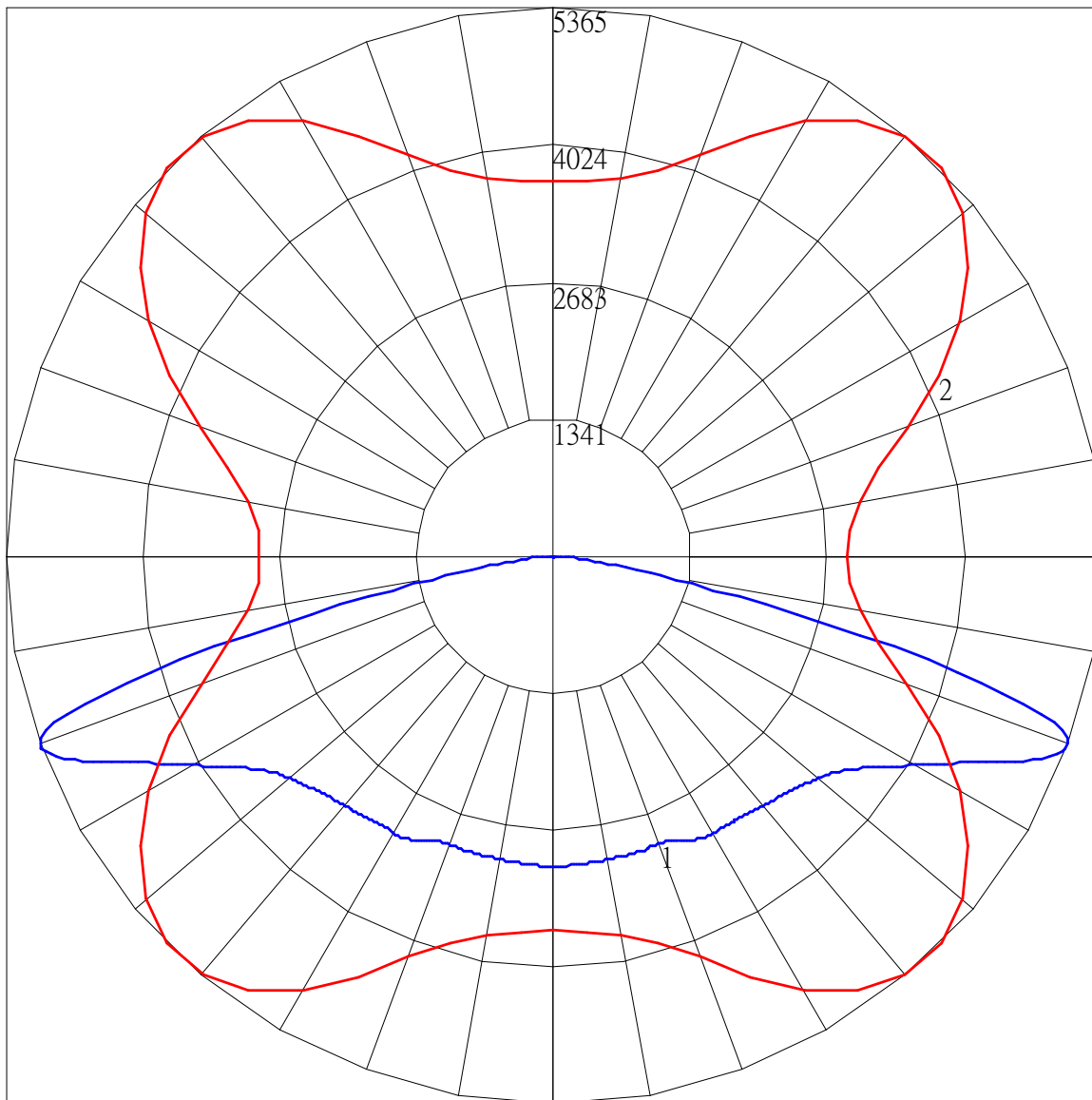
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

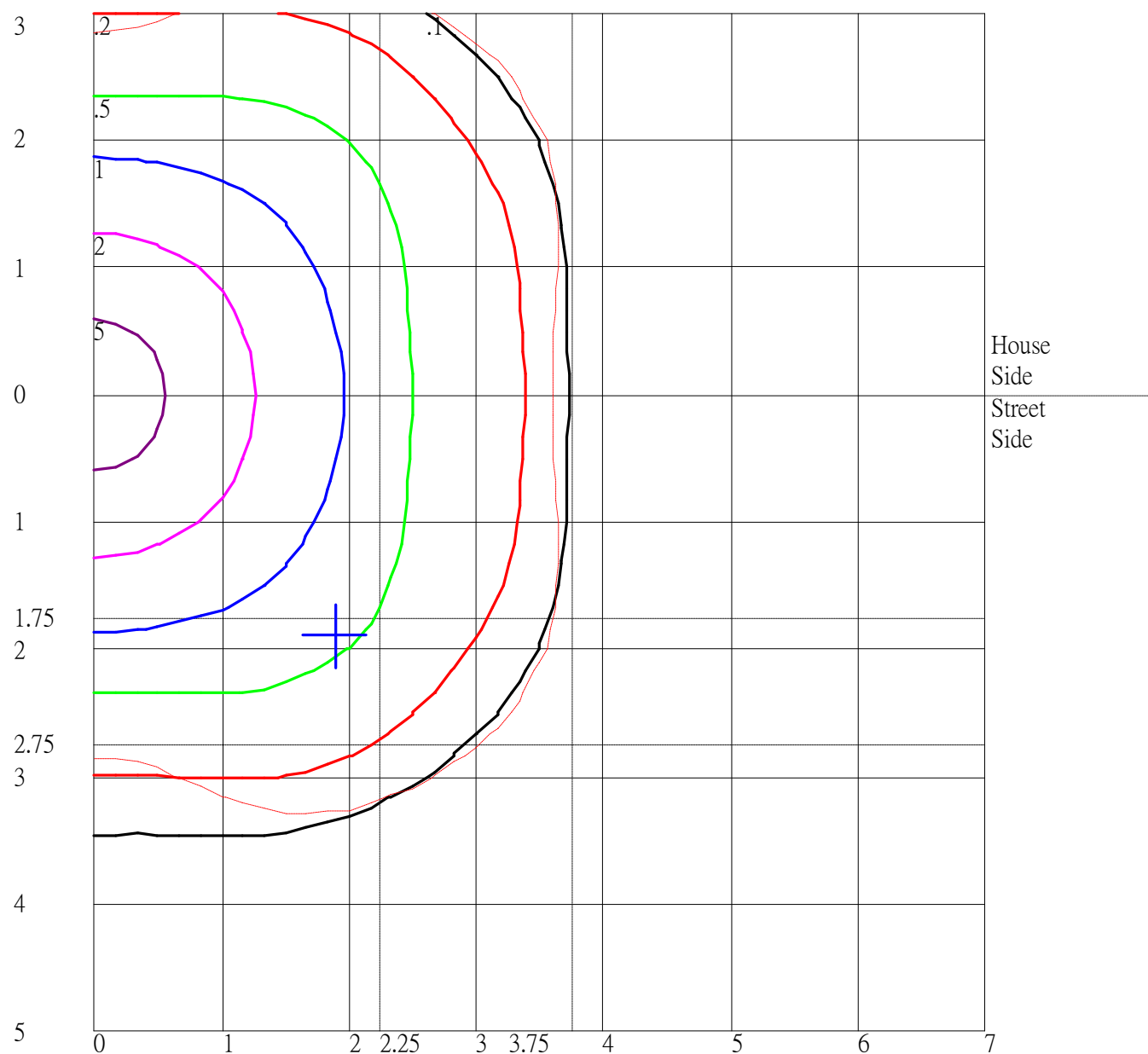
	Lumens	Percent Of Luminaire
Downward Street Side	8692.0	50.0
Downward House Side	8692.0	50.0
Downward Total	17384.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	17384.0	100.0

POLAR GRAPH

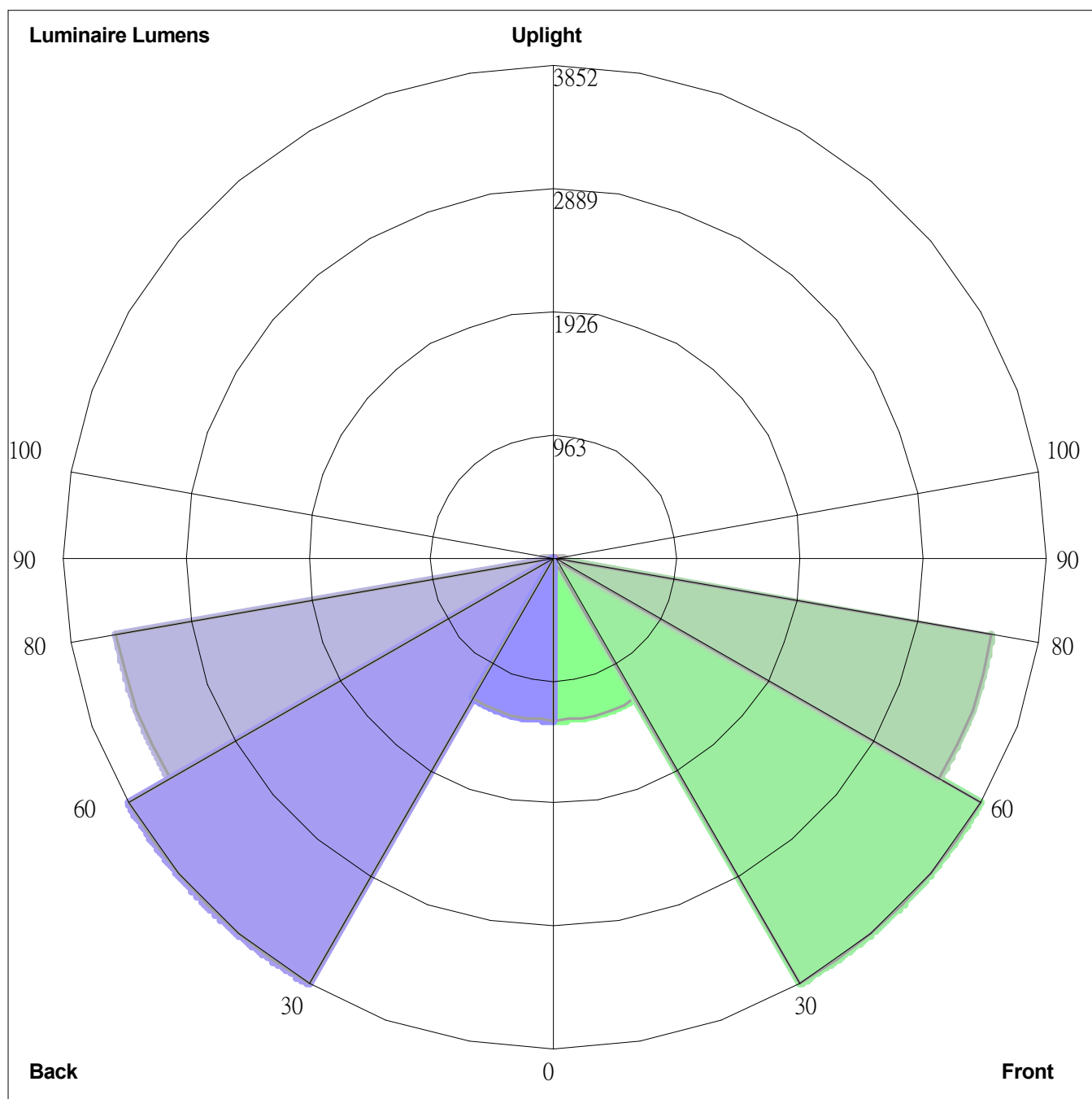


Maximum Candela = 5365.243 Located At Horizontal Angle = 45, Vertical Angle = 69.5
1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (69.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1274.1, Medium=3852.1, High=3480.7, Very High=85.0
Back: Low=1274.1, Medium=3852.1, High=3480.7, Very High=85.0
Uplight: Low=0.0, High=0.0

BUG Rating : B4-U0-G2