



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM2-60J-MV-27K-4-XX-145 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM2-60J-MV-30K-4-XX-130

[ISSUEDATE] 7/3/2019

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM2-60J-MV-27K-4-XX-145

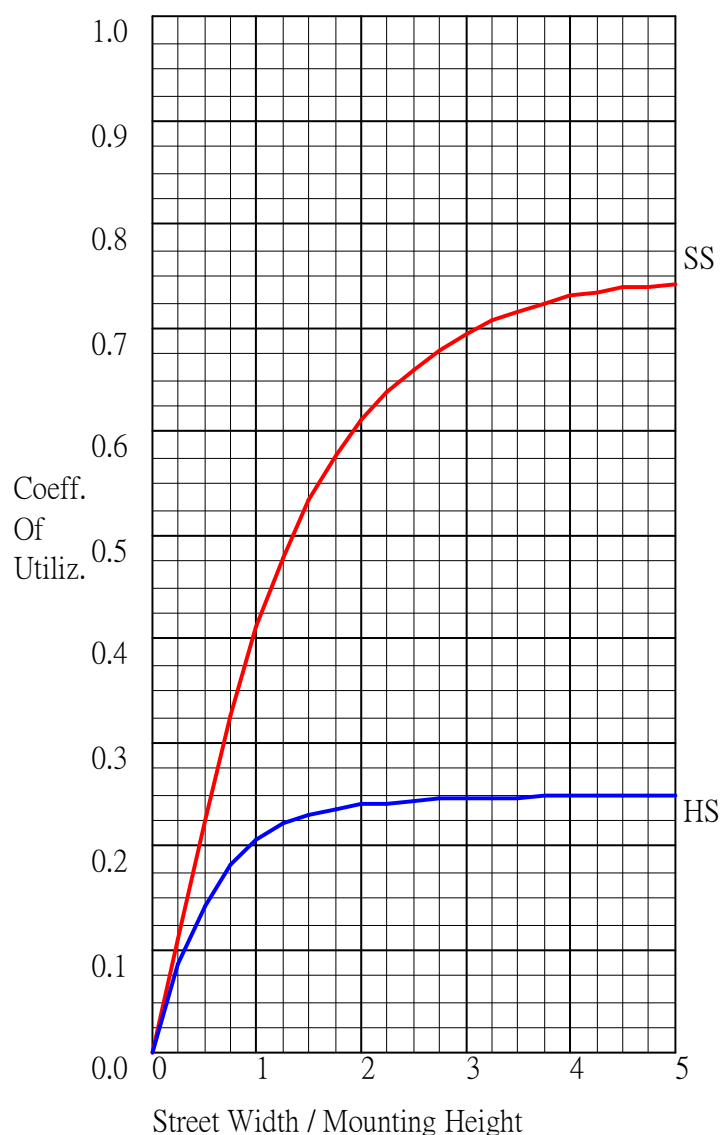
CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	14045
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	140
Total Luminaire Watts	100
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	5488.639
Maximum Candela Angle	50H 66V
Maximum Candela (<90 Degrees Vertical)	5488.639
Maximum Candela Angle (<90 Degrees Vertical)	50H 66V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2745.991 (19.6% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1418.2	N.A.	10.1
FM - Front-Medium (30-60)	4690.7	N.A.	33.4
FH - Front-High (60-80)	4217.5	N.A.	30.0
FVH - Front-Very High (80-90)	180.0	N.A.	1.3
BL - Back-Low (0-30)	957.0	N.A.	6.8
BM - Back-Medium (30-60)	1794.4	N.A.	12.8
BH - Back-High (60-80)	749.8	N.A.	5.3
BVH - Back-Very High (80-90)	37.0	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	14044.6	N.A.	100.0
BUG Rating	B2-U0-G2		

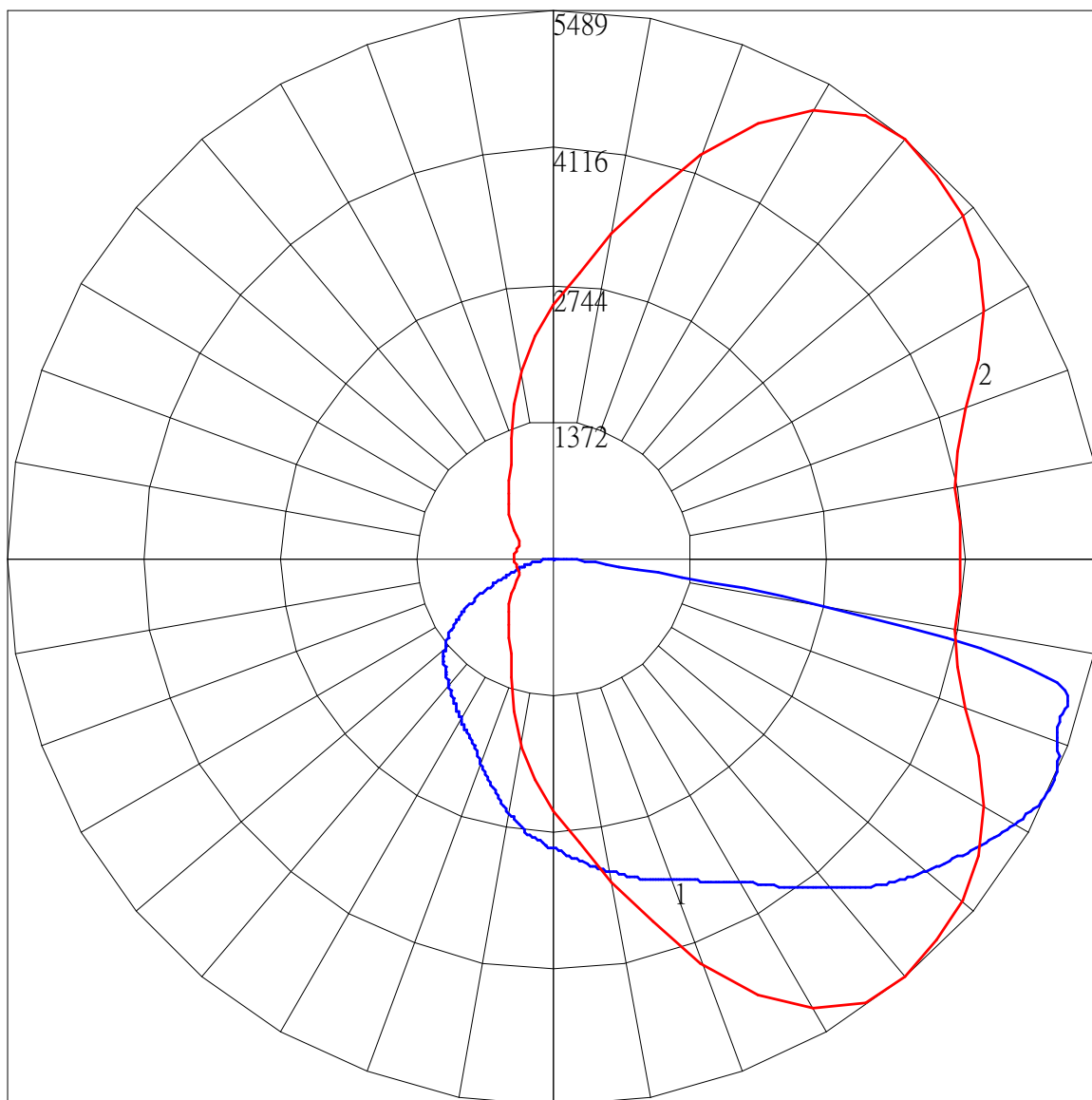
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	10506.5	74.8
Downward House Side	3538.2	25.2
Downward Total	14044.7	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	14044.7	100.0

POLAR GRAPH

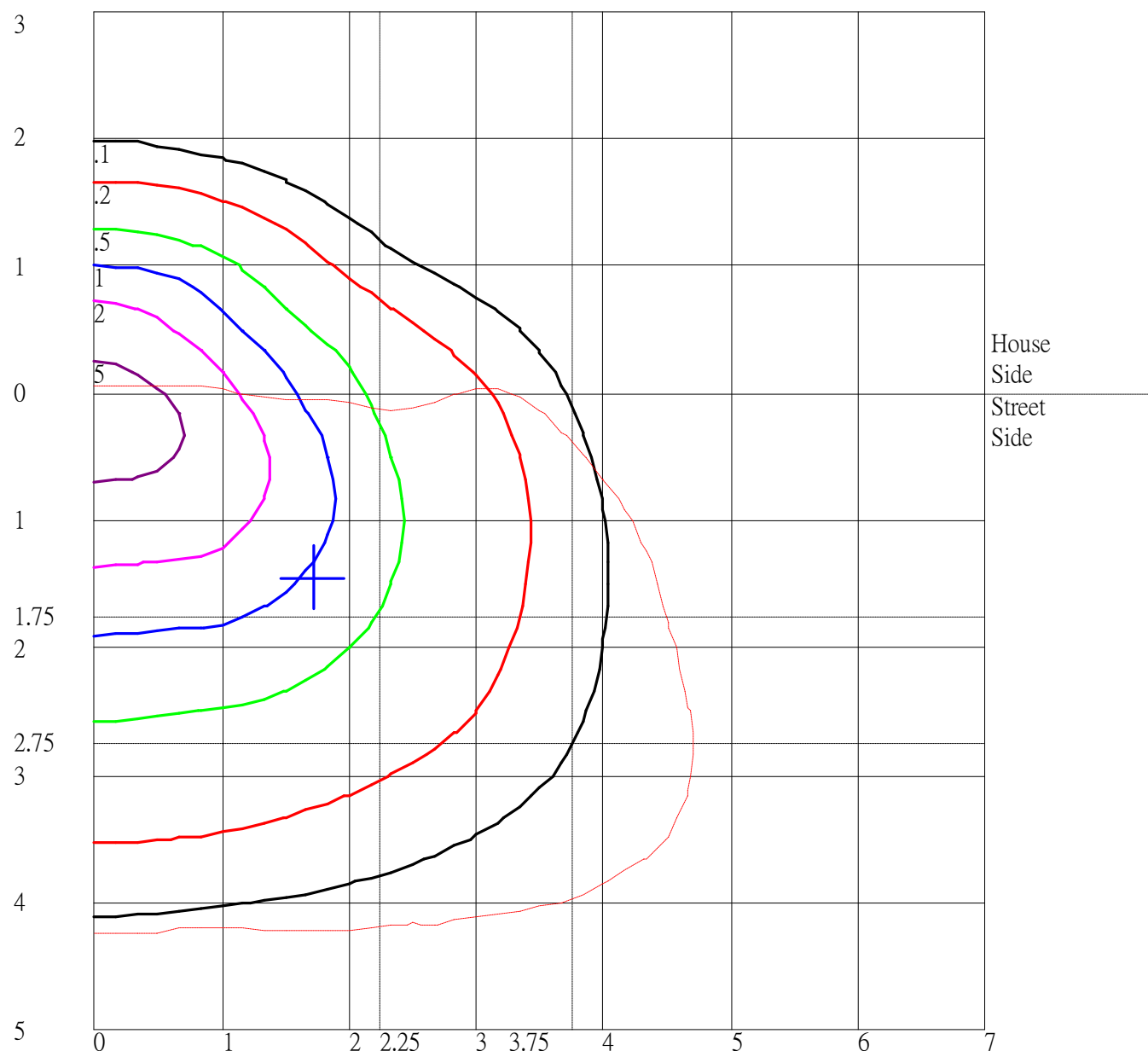


Maximum Candela = 5488.639 Located At Horizontal Angle = 50, Vertical Angle = 66

1 - Vertical Plane Through Horizontal Angles (50 - 230) (Through Max. Cd.)

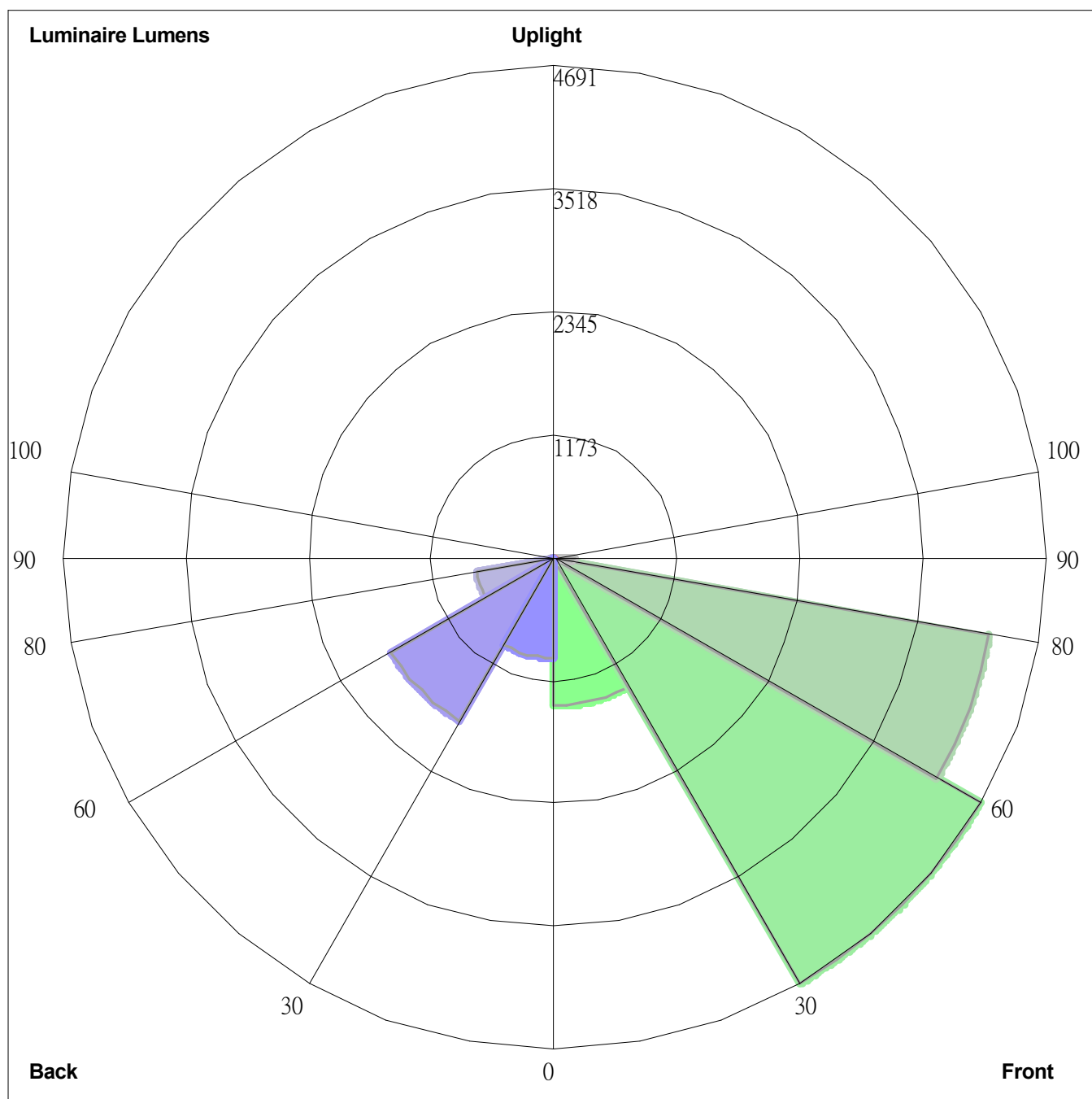
2 - Horizontal Cone Through Vertical Angle (66) (Through Max. Cd.)

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=1418.2, Medium=4690.7, High=4217.5, Very High=180.0
Back: Low=957.0, Medium=1794.4, High=749.8, Very High=37.0
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2