



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM1-60J-MV-27K-3F-XX-110 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TESTLAB] Scaled from NVLAP LM-79 for GCM1-60J-MV-30K-3F-XX-125
 [ISSUEDATE] 7/3/2019
 [MANUFAC] Leotek Electronics USA LLC
 [LUMCAT] GCM1-60J-MV-27K-3F-XX-110

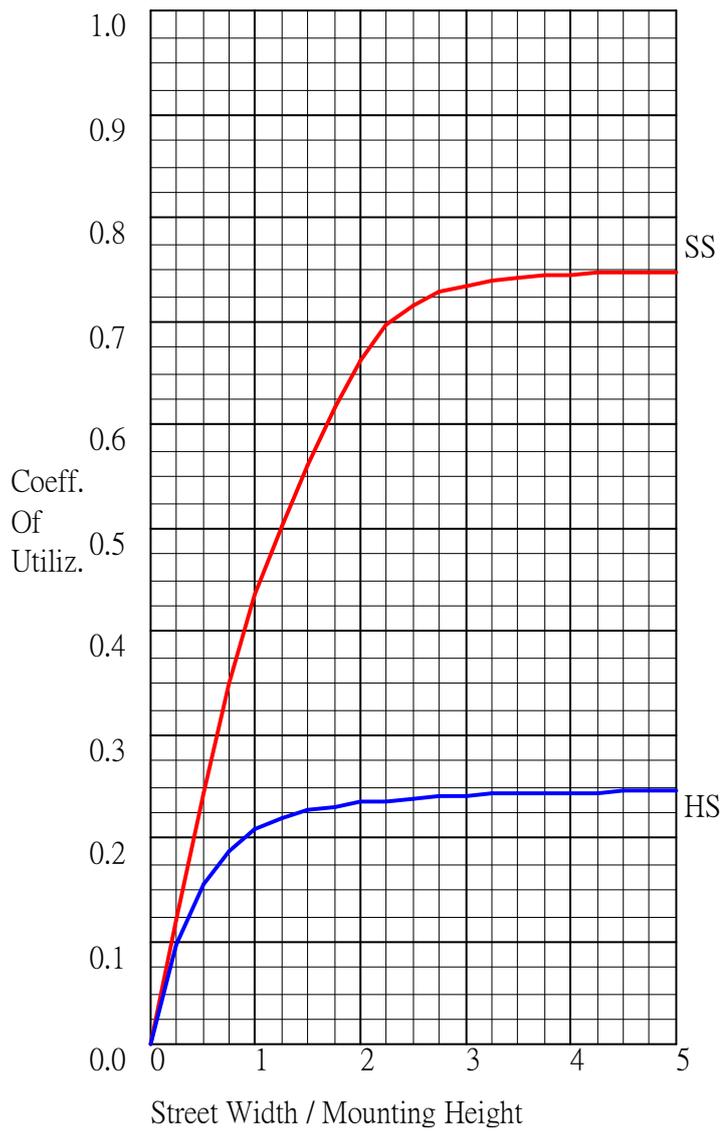
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	10983
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	153
Total Luminaire Watts	72
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	5936.855
Maximum Candela Angle	0H 59.5V
Maximum Candela (<90 Degrees Vertical)	5936.855
Maximum Candela At 90 Degrees Vertical)	0H 59.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	705.191 (6.4% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1134.2	N.A.	10.3
FM - Front-Medium (30-60)	3860.0	N.A.	35.1
FH - Front-High (60-80)	3203.1	N.A.	29.2
FVH - Front-Very High (80-90)	66.6	N.A.	0.6
BL - Back-Low (0-30)	741.3	N.A.	6.7
BM - Back-Medium (30-60)	1289.7	N.A.	11.7
BH - Back-High (60-80)	656.6	N.A.	6.0
BVH - Back-Very High (80-90)	31.5	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	10983.0	N.A.	100.0
BUG Rating	B2-U0-G2		

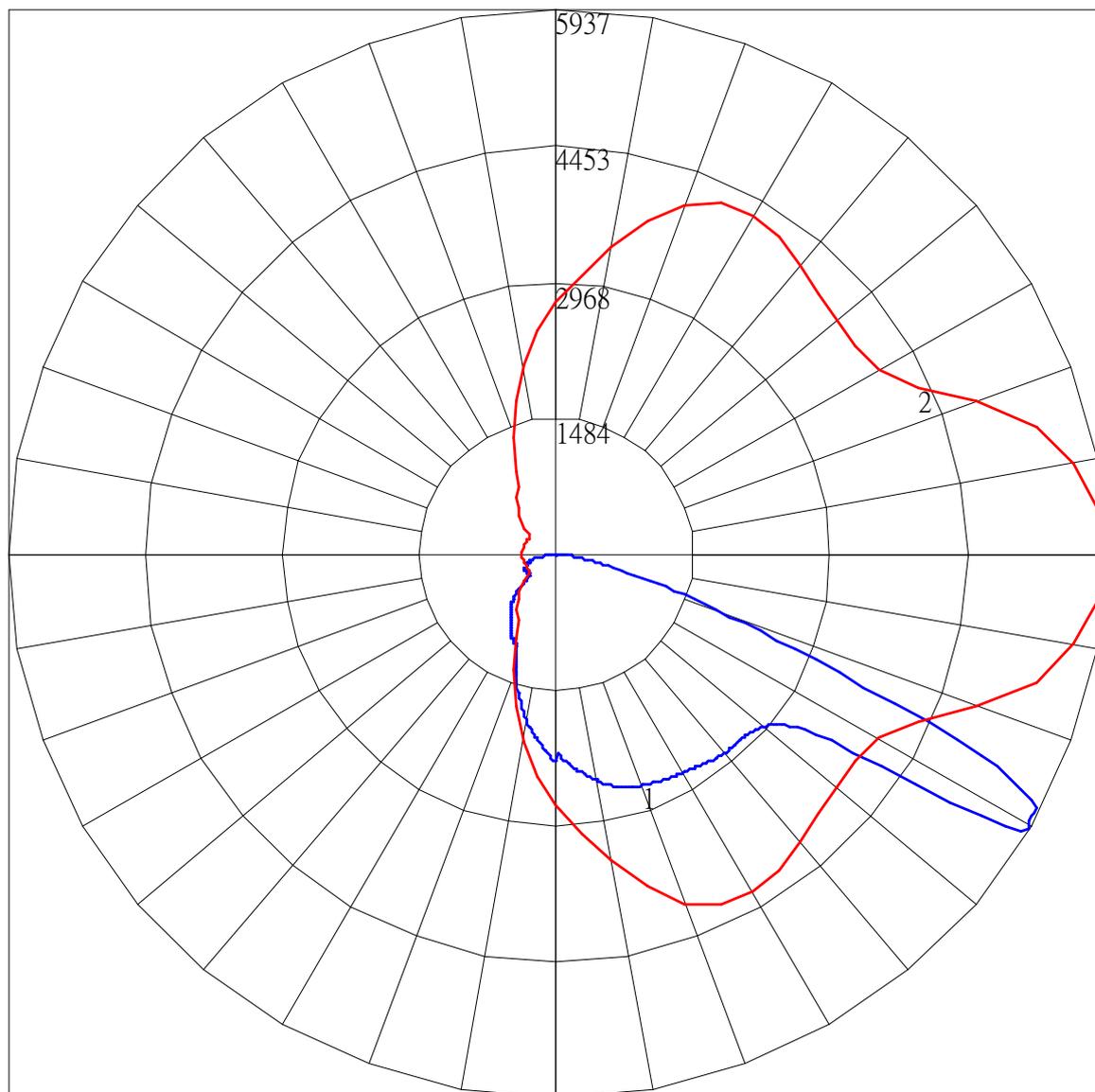
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	8263.9	75.2
Downward House Side	2719.1	24.8
Downward Total	10983.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	10983.0	100.0

POLAR GRAPH

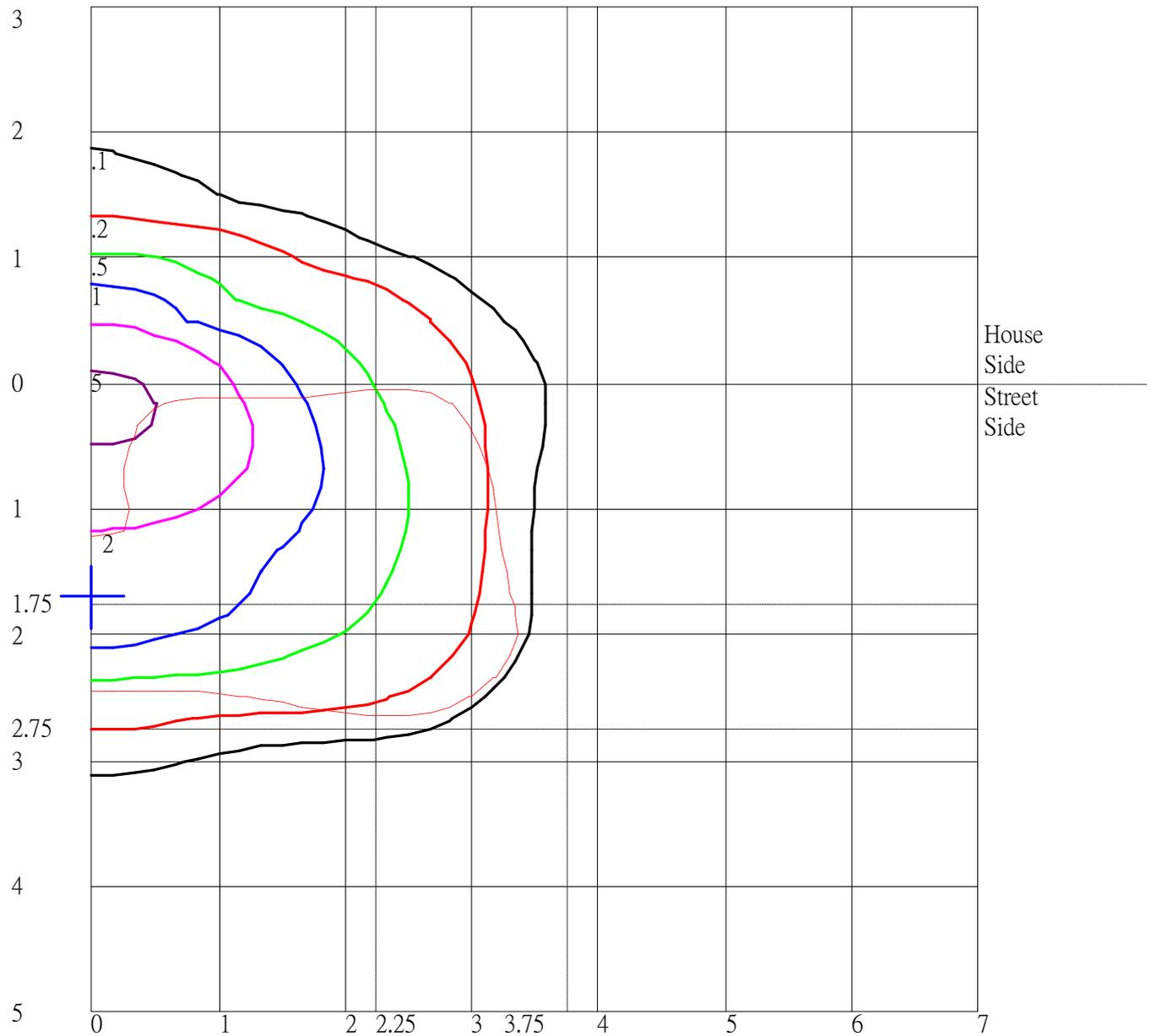


Maximum Candela = 5936.855 Located At Horizontal Angle = 0, Vertical Angle = 59.5

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

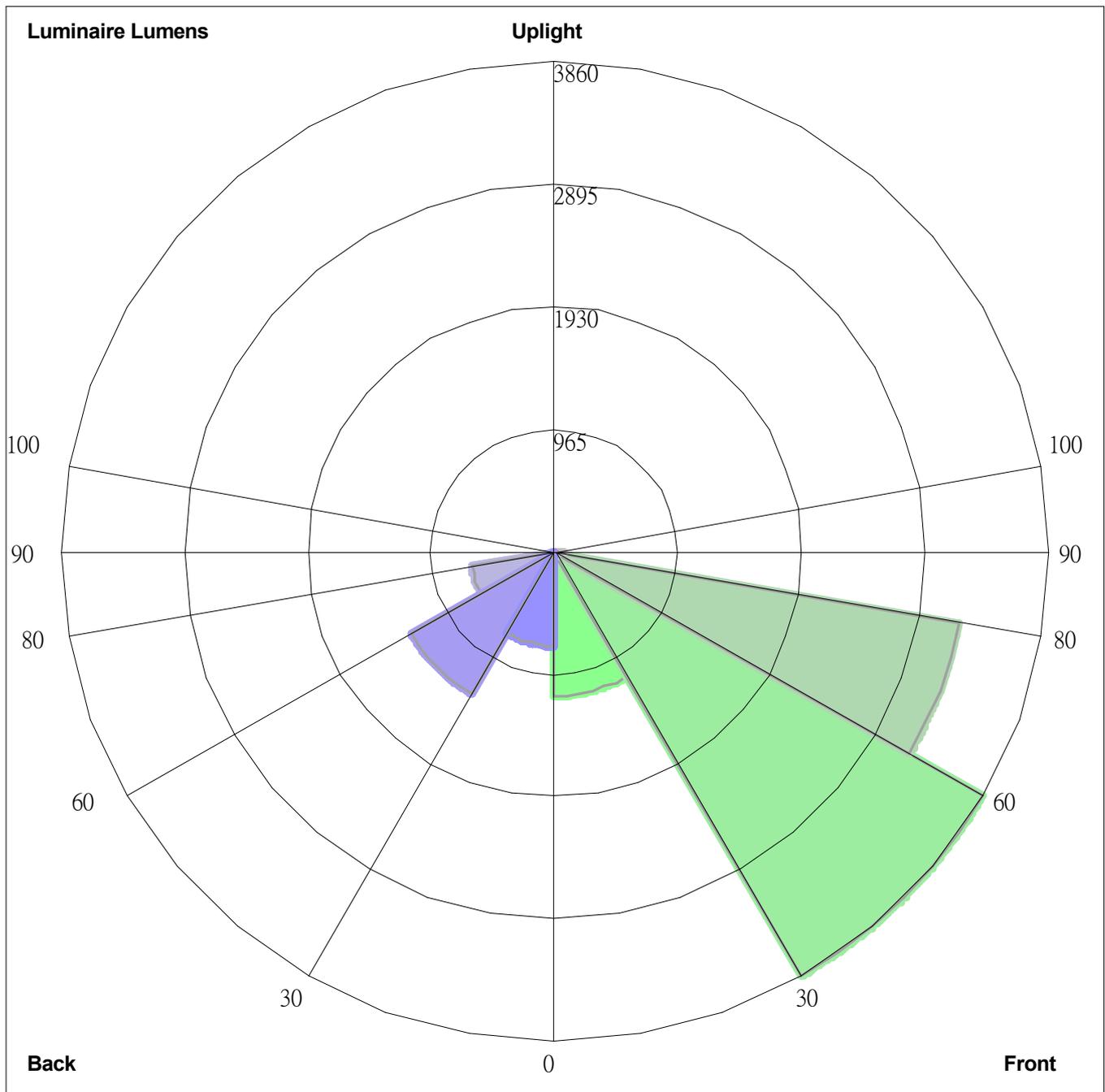
2 - Horizontal Cone Through Vertical Angle (59.5) (Through Max. Cd.)

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=1134.2, Medium= 3860.0, High=3203.1, Very High=66.6
Back: Low=741.3, Medium=1289.7, High=656.6, Very High=31.5
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2