



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM3-60J-MV-27K-3F-XX-170 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TESTLAB] Scaled from NVLAP LM-79 for GCM3-60J-MV-30K-3F-XX-180
 [ISSUE DATE] 7/3/2019
 [MANUFAC] Leotek Electronics USA LLC
 [LUMCAT] GCM3-60J-MV-27K-3F-XX-170

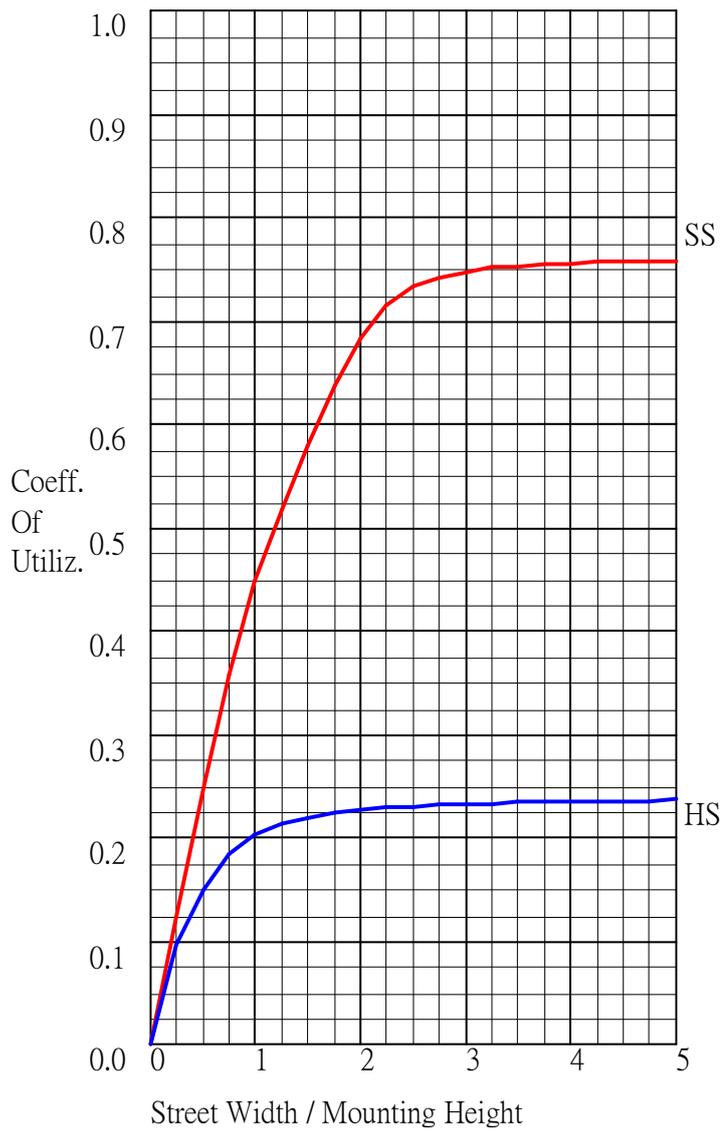
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	17017
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	138
Total Luminaire Watts	123
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	9573.712
Maximum Candela Angle	0H 59V
Maximum Candela (<90 Degrees Vertical)	9573.712
Maximum Candela Angle (<90 Degrees Vertical)	0H 59V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	711.806 (4.2% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1818.2	N.A.	10.7
FM - Front-Medium (30-60)	6275.4	N.A.	36.9
FH - Front-High (60-80)	4796.6	N.A.	28.2
FVH - Front-Very High (80-90)	72.3	N.A.	0.4
BL - Back-Low (0-30)	1135.1	N.A.	6.7
BM - Back-Medium (30-60)	1956.6	N.A.	11.5
BH - Back-High (60-80)	932.4	N.A.	5.5
BVH - Back-Very High (80-90)	30.2	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	17016.8	N.A.	100.0
BUG Rating	B3-U0-G2		

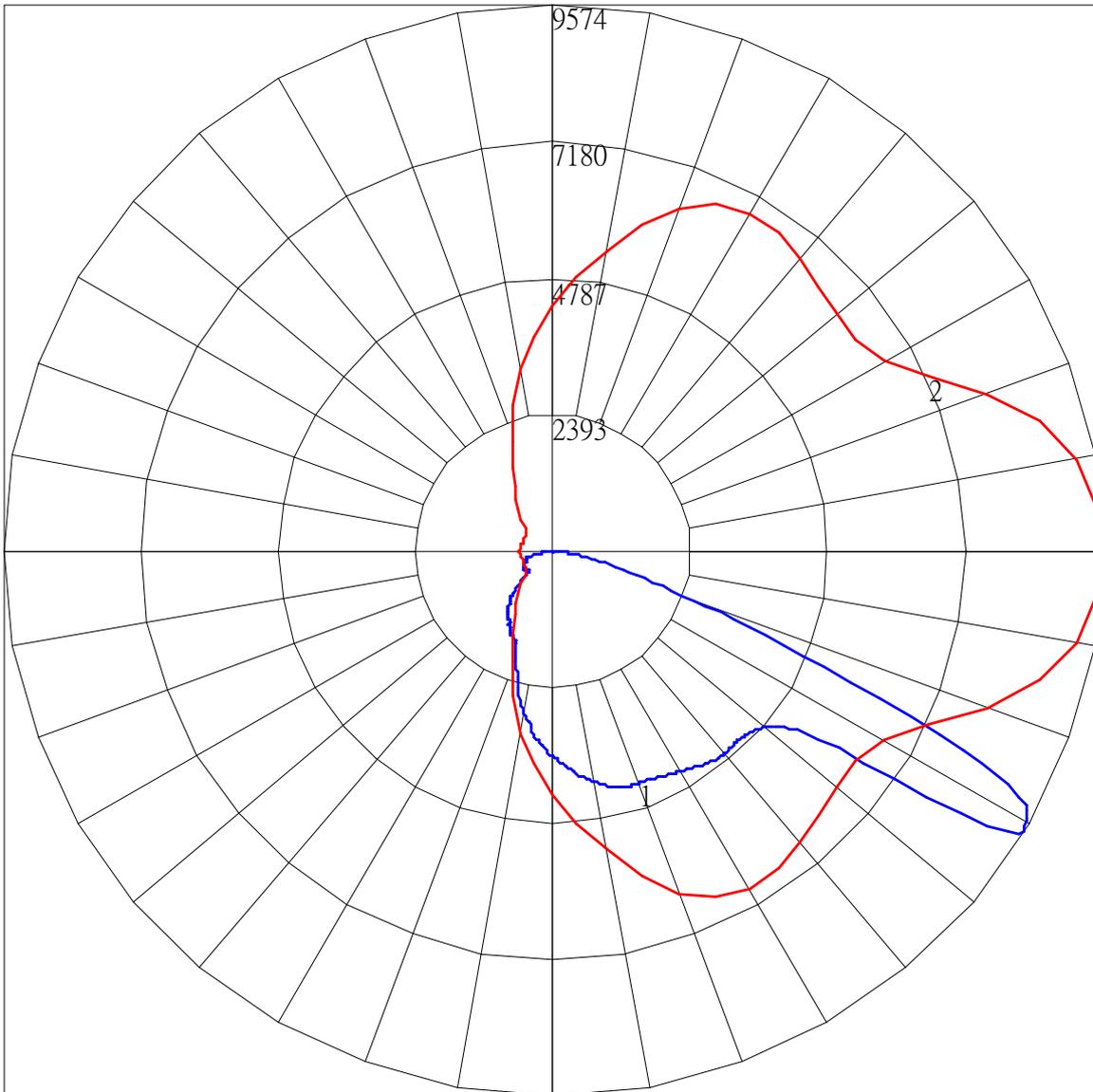
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

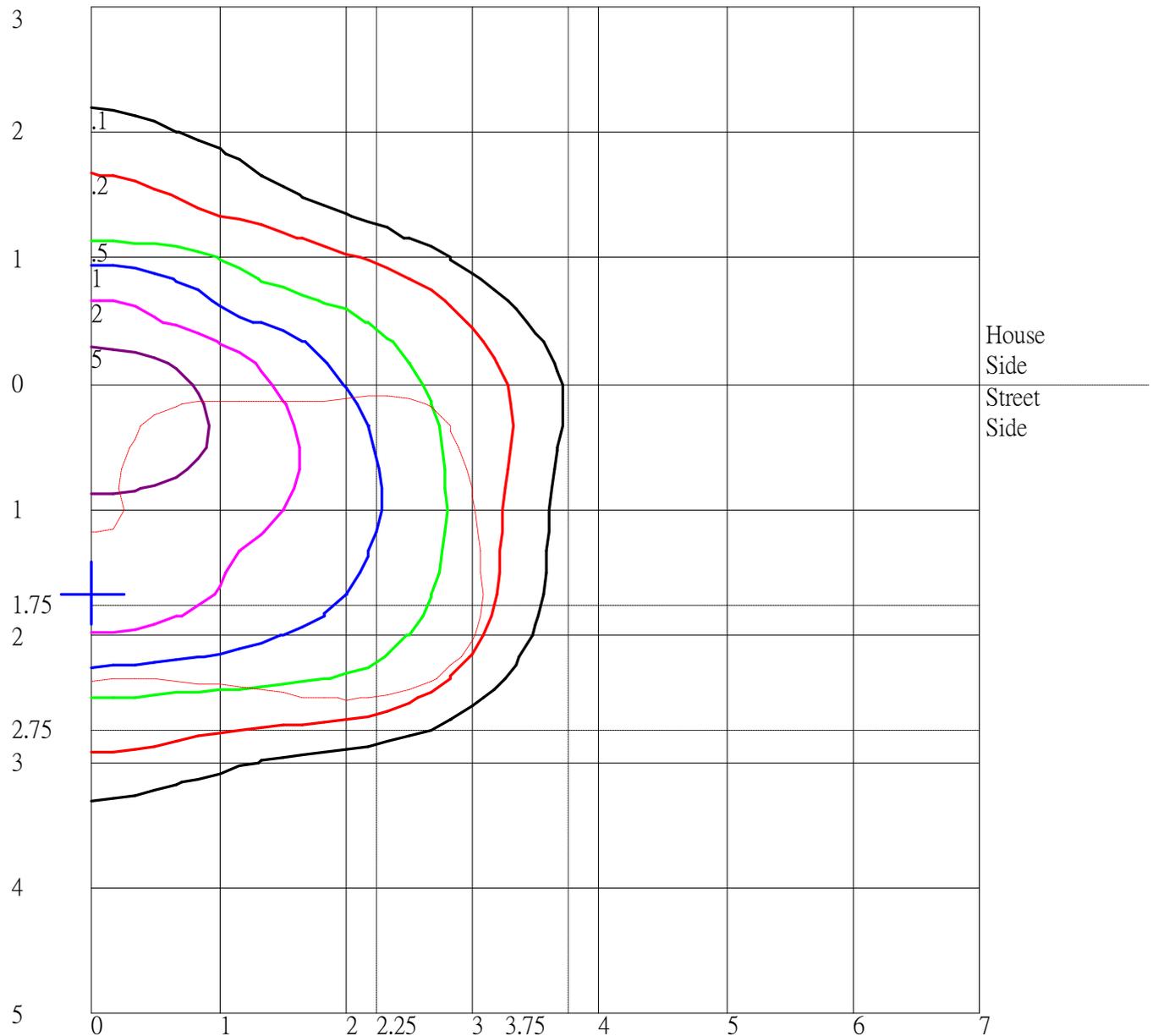
	Lumens	Percent Of Luminaire
Downward Street Side	12962.6	76.2
Downward House Side	4054.2	23.8
Downward Total	17016.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	17016.8	100.0

POLAR GRAPH



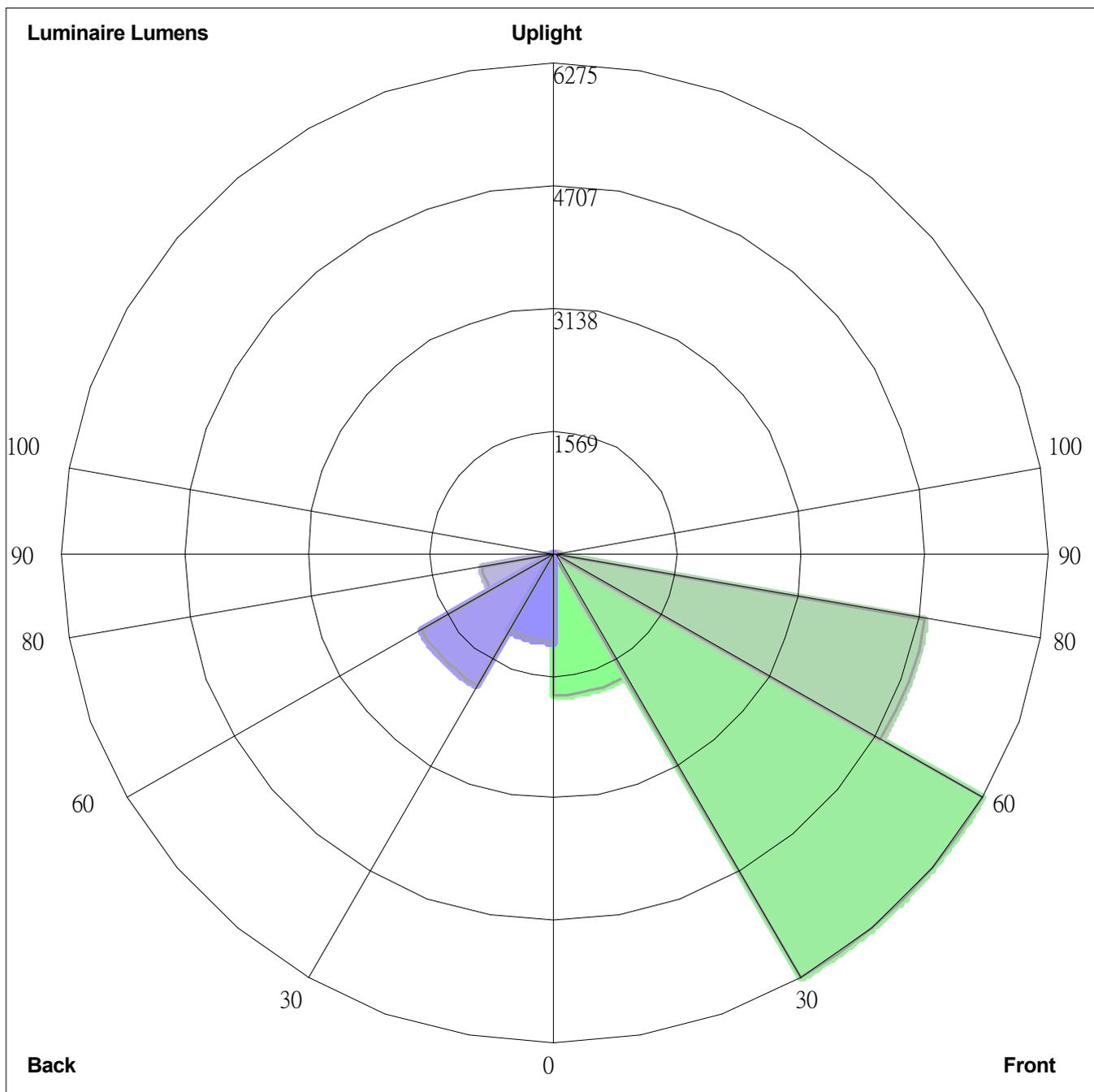
Maximum Candela = 9573.712 Located At Horizontal Angle = 0, Vertical Angle = 59
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (59) (Through Max. Cd.)

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=1818.2, Medium=6275.4, High=4796.6, Very High=72.3
Back: Low=1135.1, Medium=1956.6, High=932.4, Very High=30.2
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G2