



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM2-30H-MV-27-2R-XX-610-HSS S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]
 [TESTLAB] Scaled from NVLAP LM-79 for GCM2-40H-MV-NW-2R-XX-850-HSS
 [ISSUE DATE] 2/16/2017
 [MANUFAC] Leotek Electronics USA Corp
 [LUMCAT] GCM2-30H-MV-27-2R-XX-610-HSS

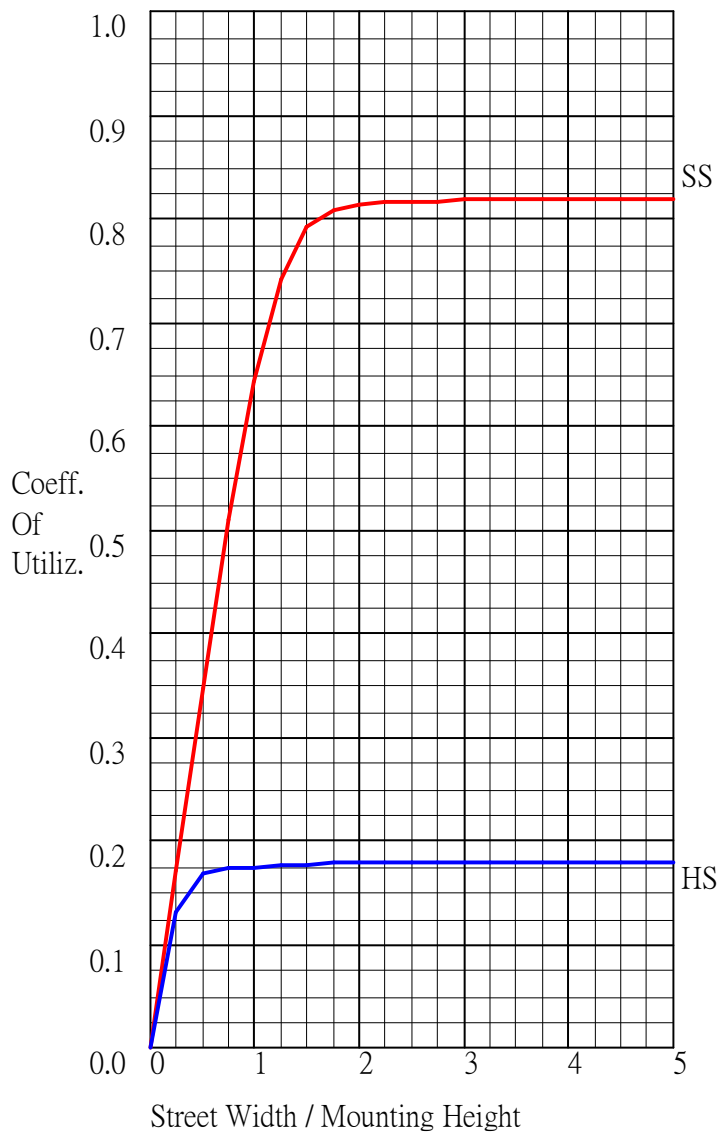
CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5843
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	58
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	5078.704
Maximum Candela Angle	77.5H 70V
Maximum Candela (<90 Degrees Vertical)	5078.704
Maximum Candela Angle (<90 Degrees Vertical)	77.5H 70V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1036.983 (17.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	727.5	N.A.	12.5
FM - Front-Medium (30-60)	2698.0	N.A.	46.2
FH - Front-High (60-80)	1340.8	N.A.	22.9
FVH - Front-Very High (80-90)	23.3	N.A.	0.4
BL - Back-Low (0-30)	387.0	N.A.	6.6
BM - Back-Medium (30-60)	467.4	N.A.	8.0
BH - Back-High (60-80)	195.6	N.A.	3.3
BVH - Back-Very High (80-90)	3.6	N.A.	0.1
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	5843.2	N.A.	100.0
BUG Rating	B1-U0-G1		

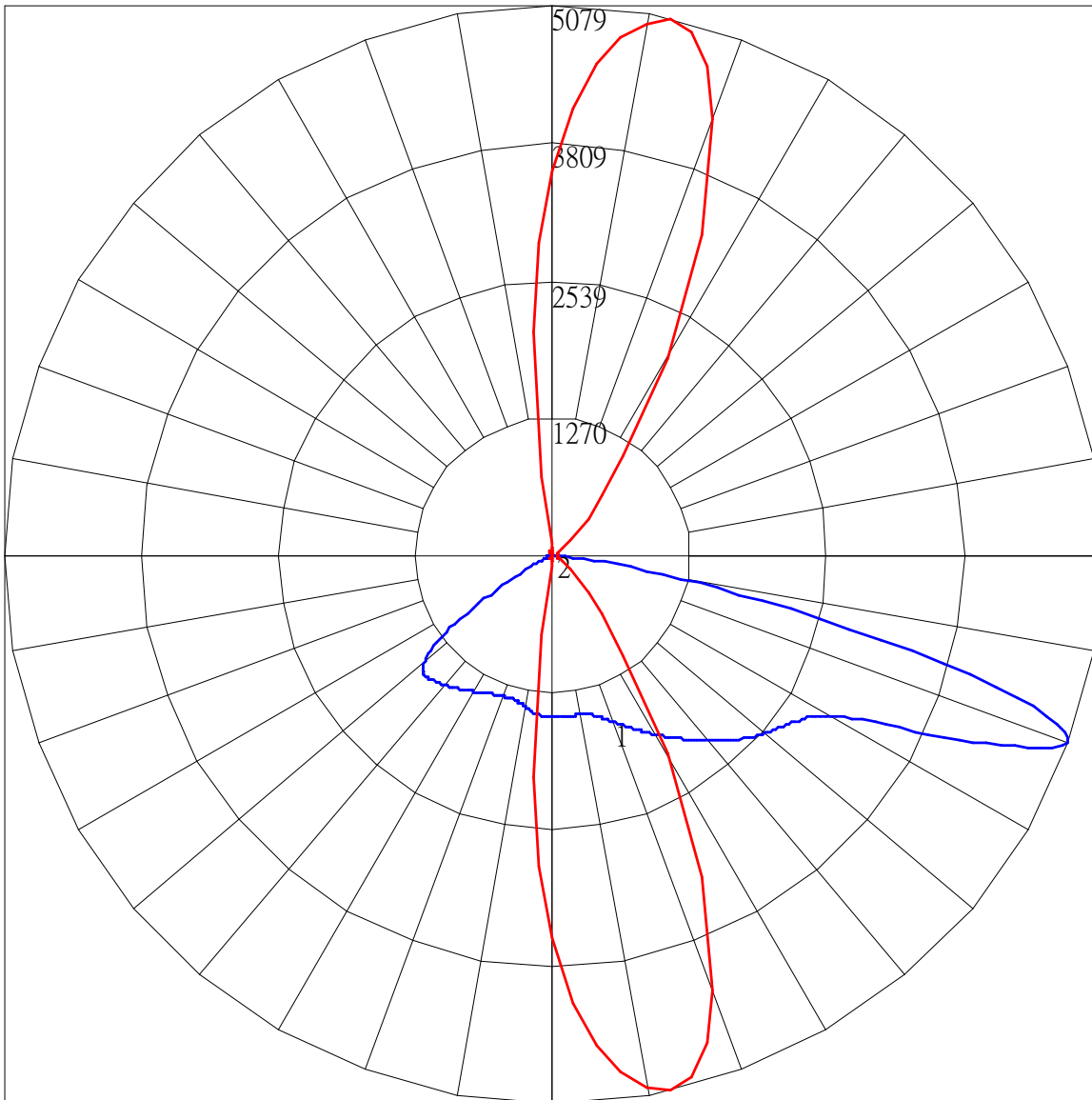
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

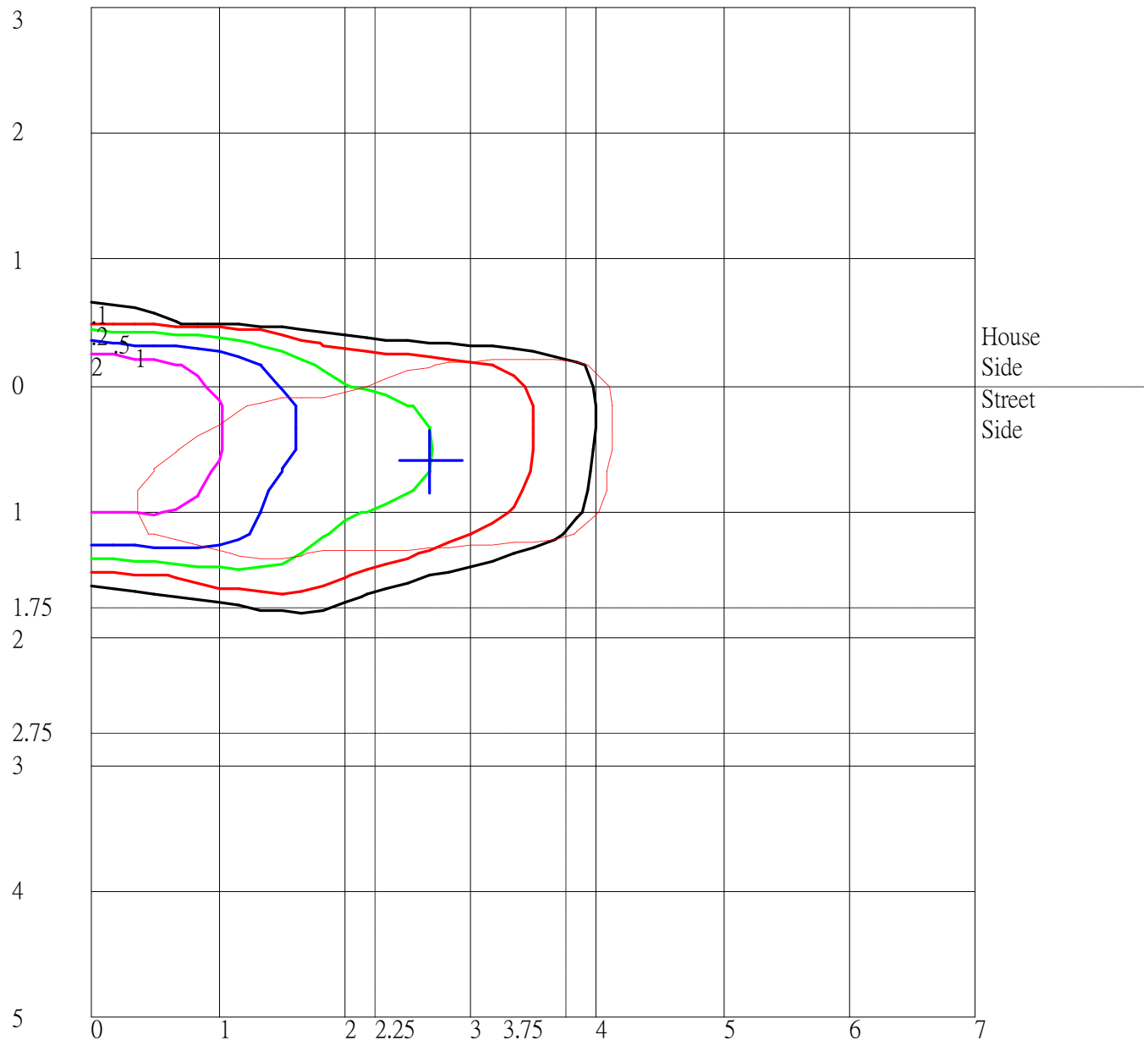
	Lumens	Percent Of Luminaire
Downward Street Side	4789.6	82.0
Downward House Side	1053.7	18.0
Downward Total	5843.3	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	5843.3	100.0

POLAR GRAPH



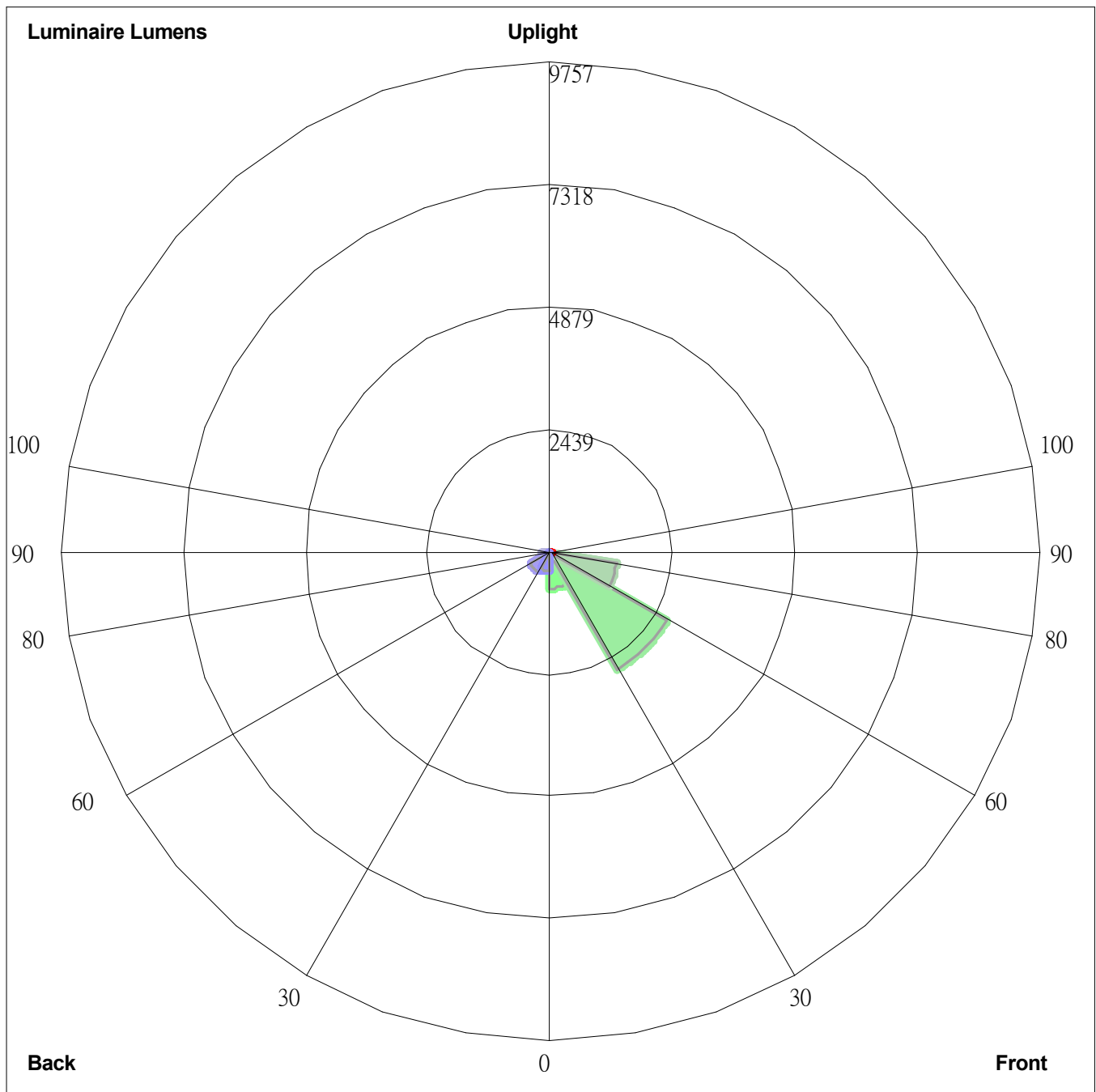
Maximum Candela = 5078.704 Located At Horizontal Angle = 77.5, Vertical Angle = 70
1 - Vertical Plane Through Horizontal Angles (77.5 - 257.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (70) (Through Max. Cd.)

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=727.5, Medium= 2698.0, High=1340.8, Very High=23.3
Back: Low=387.0, Medium=467.4, High=195.6, Very High=3.6
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G1