



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM1-60J-MV-27K-2R-XX-090 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM1-60J-MV-30K-2R-XX-090

[ISSUEDATE] 9/25/2020

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM1-60J-MV-27K-2R-XX-090

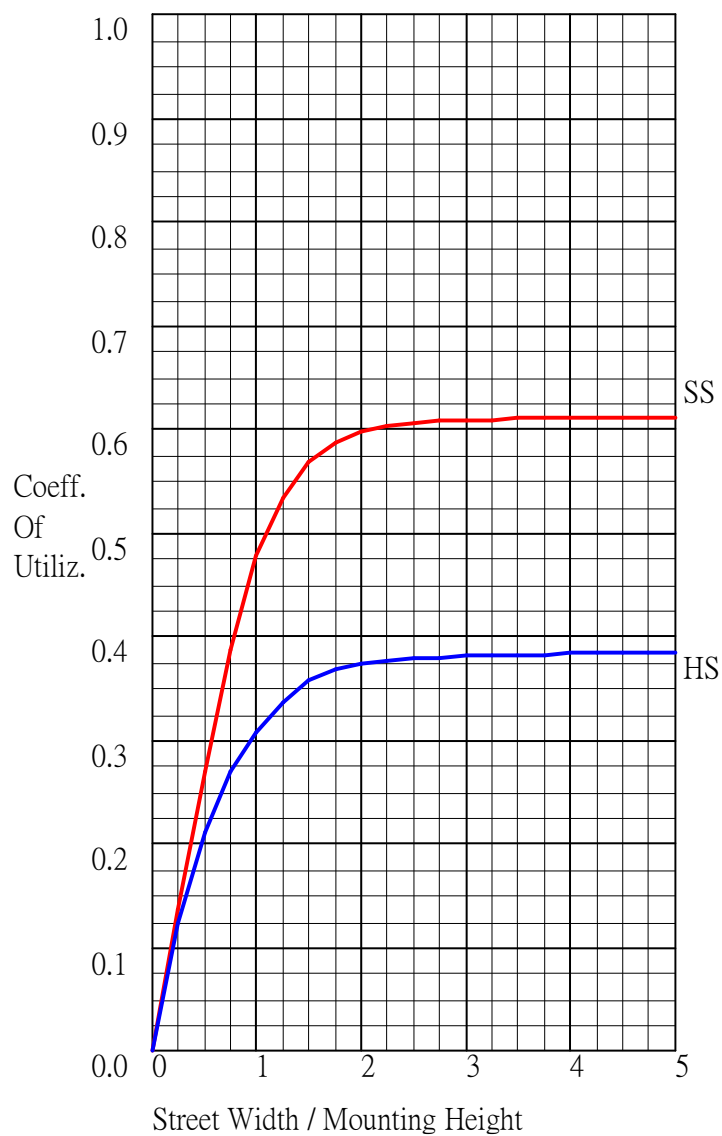
CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Medium
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	9291
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	157
Total Luminaire Watts	59
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	5603.895
Maximum Candela Angle	75H 74V
Maximum Candela (<90 Degrees Vertical)	5603.895
Maximum Candela Angle (<90 Degrees Vertical)	75H 74V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2074.347 (22.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	824.0	N.A.	8.9
FM - Front-Medium (30-60)	3060.8	N.A.	32.9
FH - Front-High (60-80)	1741.6	N.A.	18.7
FVH - Front-Very High (80-90)	78.3	N.A.	0.8
BL - Back-Low (0-30)	781.0	N.A.	8.4
BM - Back-Medium (30-60)	1900.9	N.A.	20.5
BH - Back-High (60-80)	876.5	N.A.	9.4
BVH - Back-Very High (80-90)	28.1	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	9291.2	N.A.	100.0
BUG Rating	B2-U0-G2		

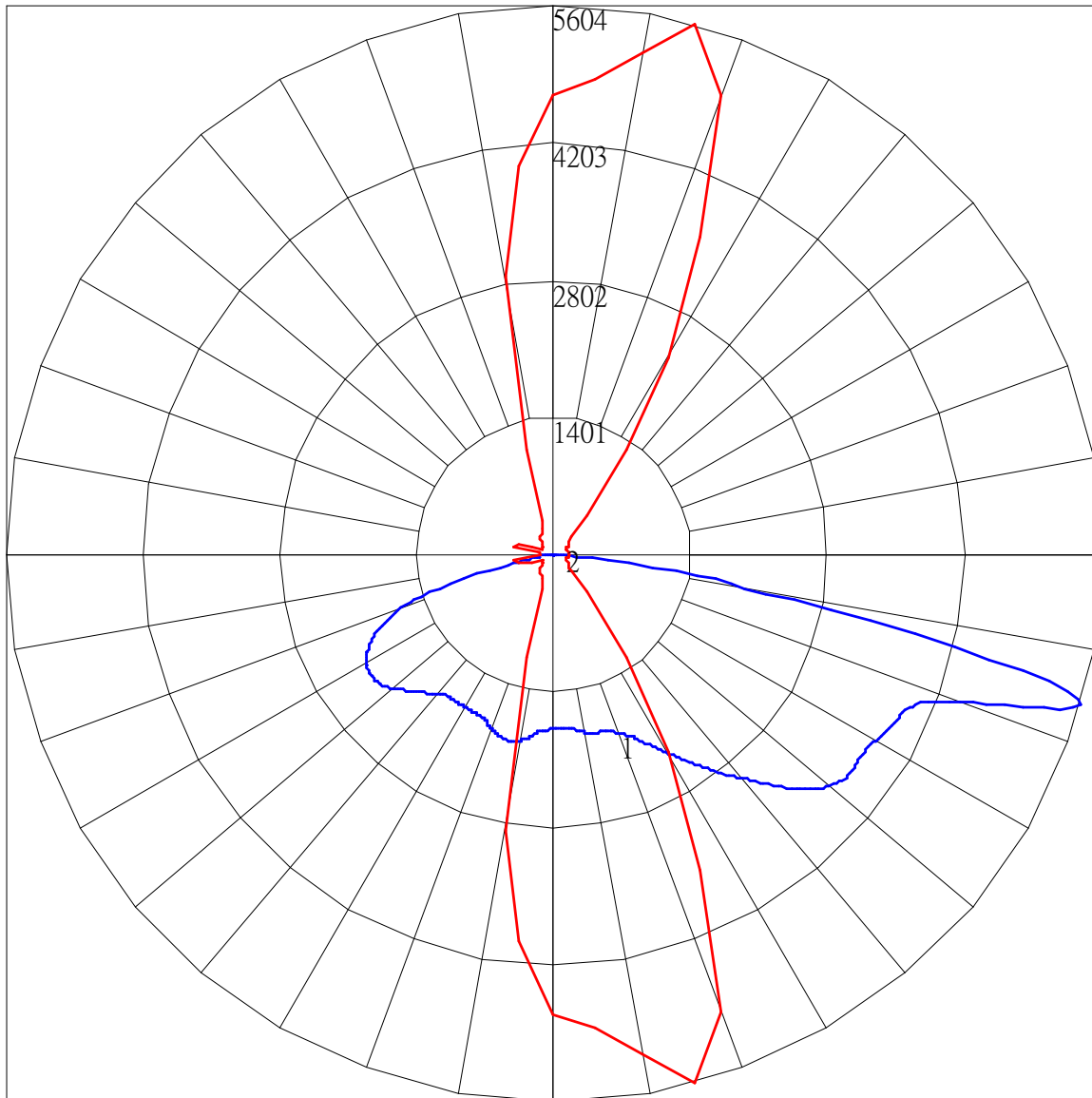
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

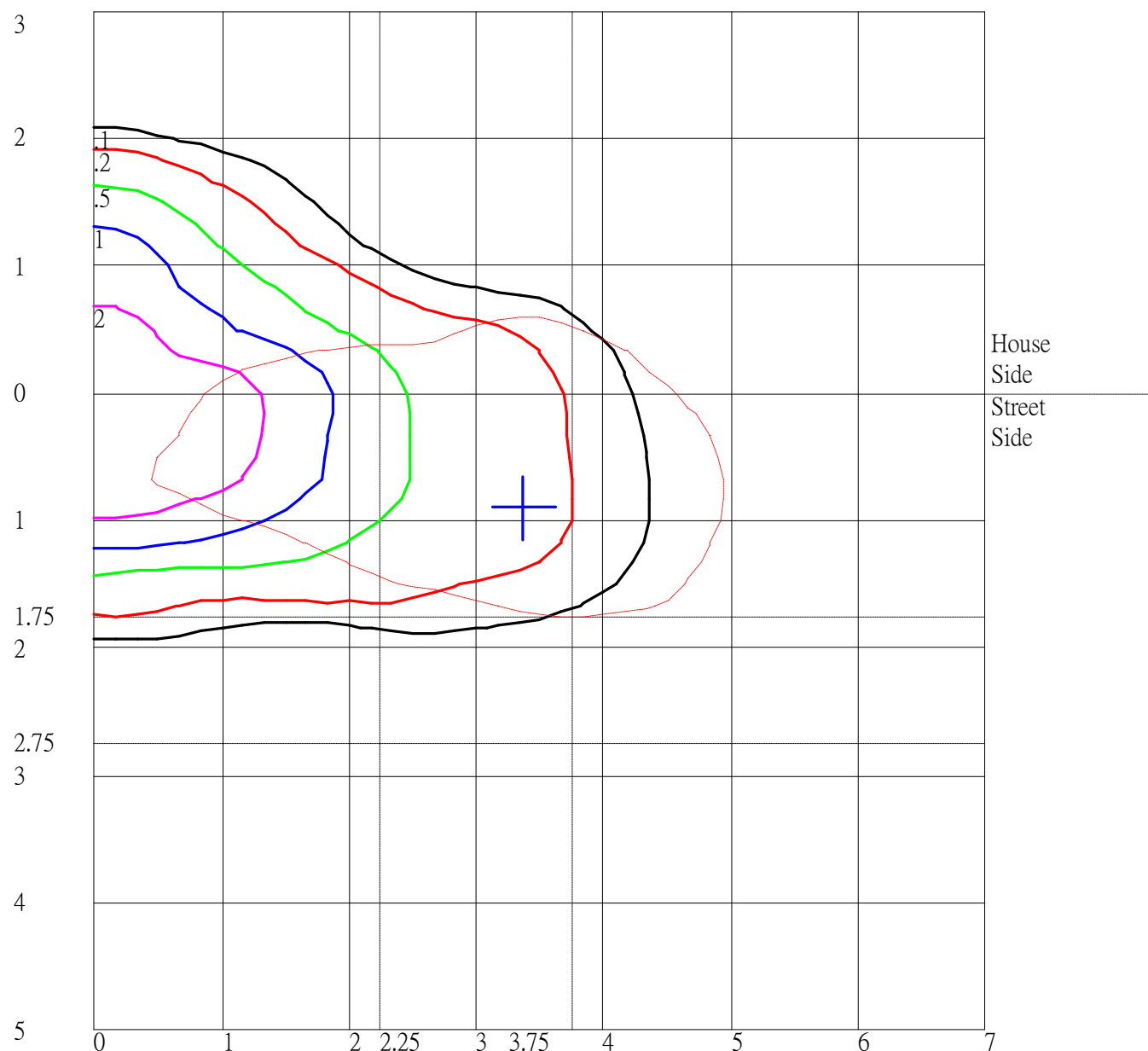
	Lumens	Percent Of Luminaire
Downward Street Side	5704.8	61.4
Downward House Side	3586.5	38.6
Downward Total	9291.3	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	9291.3	100.0

POLAR GRAPH



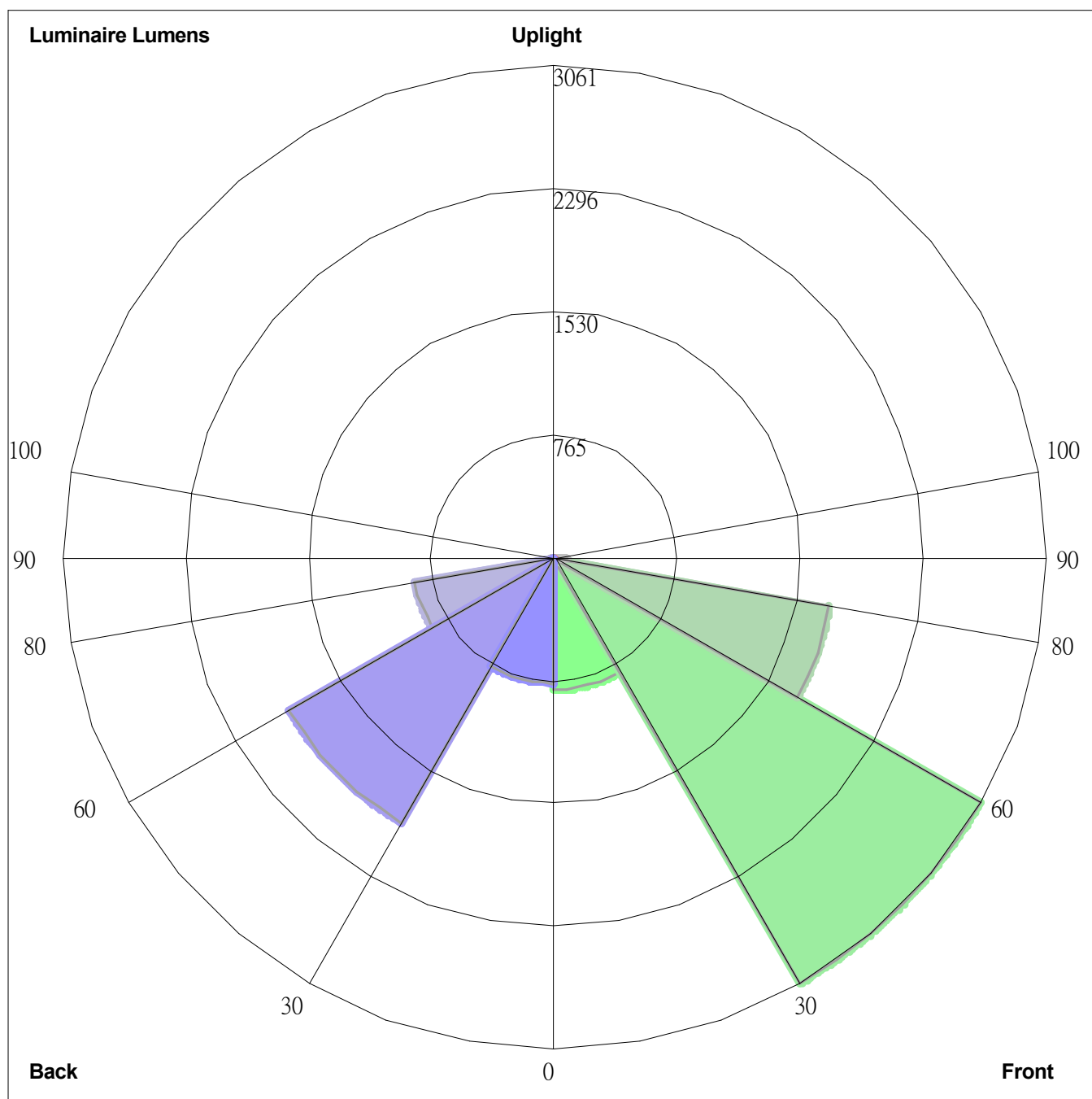
Maximum Candela = 5603.895 Located At Horizontal Angle = 75, Vertical Angle = 74
1 - Vertical Plane Through Horizontal Angles (75 - 255) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (74) (Through Max. Cd.)

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=824.0, Medium=3060.8, High=1741.6, Very High=78.3
Back: Low=781.0, Medium=1900.9, High=876.5, Very High=28.1
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2