



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM4-60J-MV-27K-3F-XX-205 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TESTLAB] Scaled from NVLAP LM-79 for GCM4-60J-MV-30K-3F-XX-215-PCR7
[ISSUE DATE] 12/5/2022
[MANUFAC] Leotek Electronics USA LLC
[LUMCAT] GCM4-60J-MV-27K-3F-XX-205

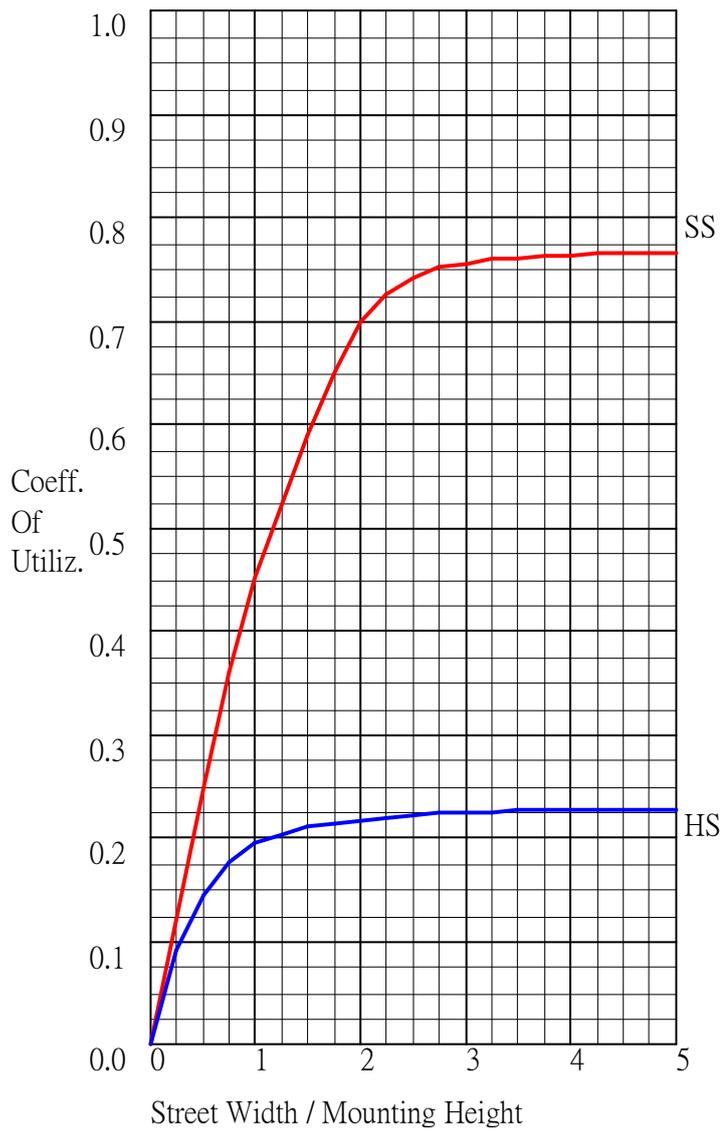
CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	20352
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	145
Total Luminaire Watts	140
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	11923.544
Maximum Candela Angle	0H 60V
Maximum Candela (<90 Degrees Vertical)	11923.544
Maximum Candela Angle (<90 Degrees Vertical)	0H 60V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	795.245 (3.9% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2164.2	N.A.	10.6
FM - Front-Medium (30-60)	7724.9	N.A.	38.0
FH - Front-High (60-80)	5701.6	N.A.	28.0
FVH - Front-Very High (80-90)	87.7	N.A.	0.4
BL - Back-Low (0-30)	1312.3	N.A.	6.4
BM - Back-Medium (30-60)	2279.3	N.A.	11.2
BH - Back-High (60-80)	1045.8	N.A.	5.1
BVH - Back-Very High (80-90)	35.7	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	20351.5	N.A.	100.0
BUG Rating	B3-U0-G3		

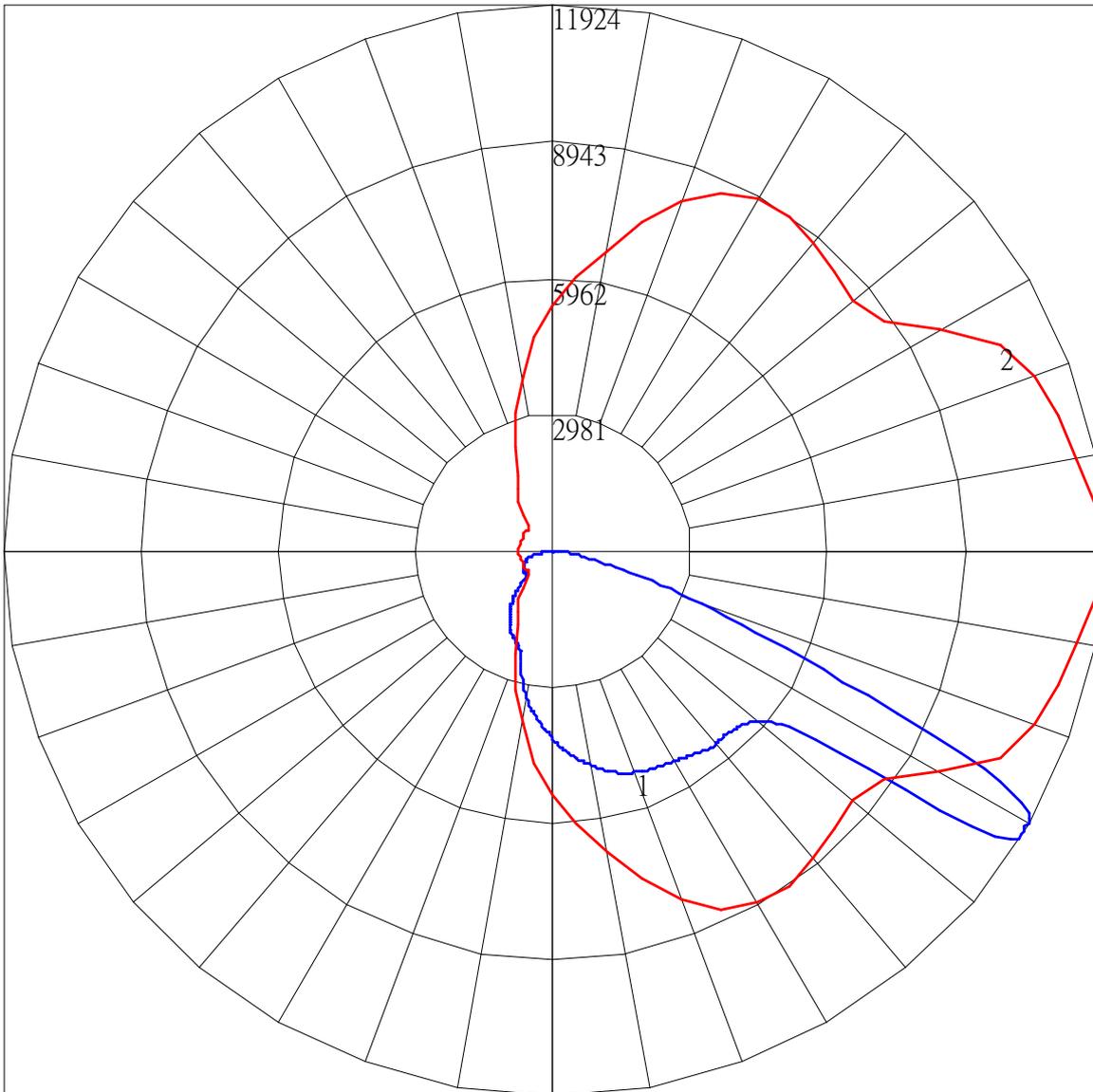
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	15678.5	77.0
Downward House Side	4673.1	23.0
Downward Total	20351.6	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	20351.6	100.0

POLAR GRAPH

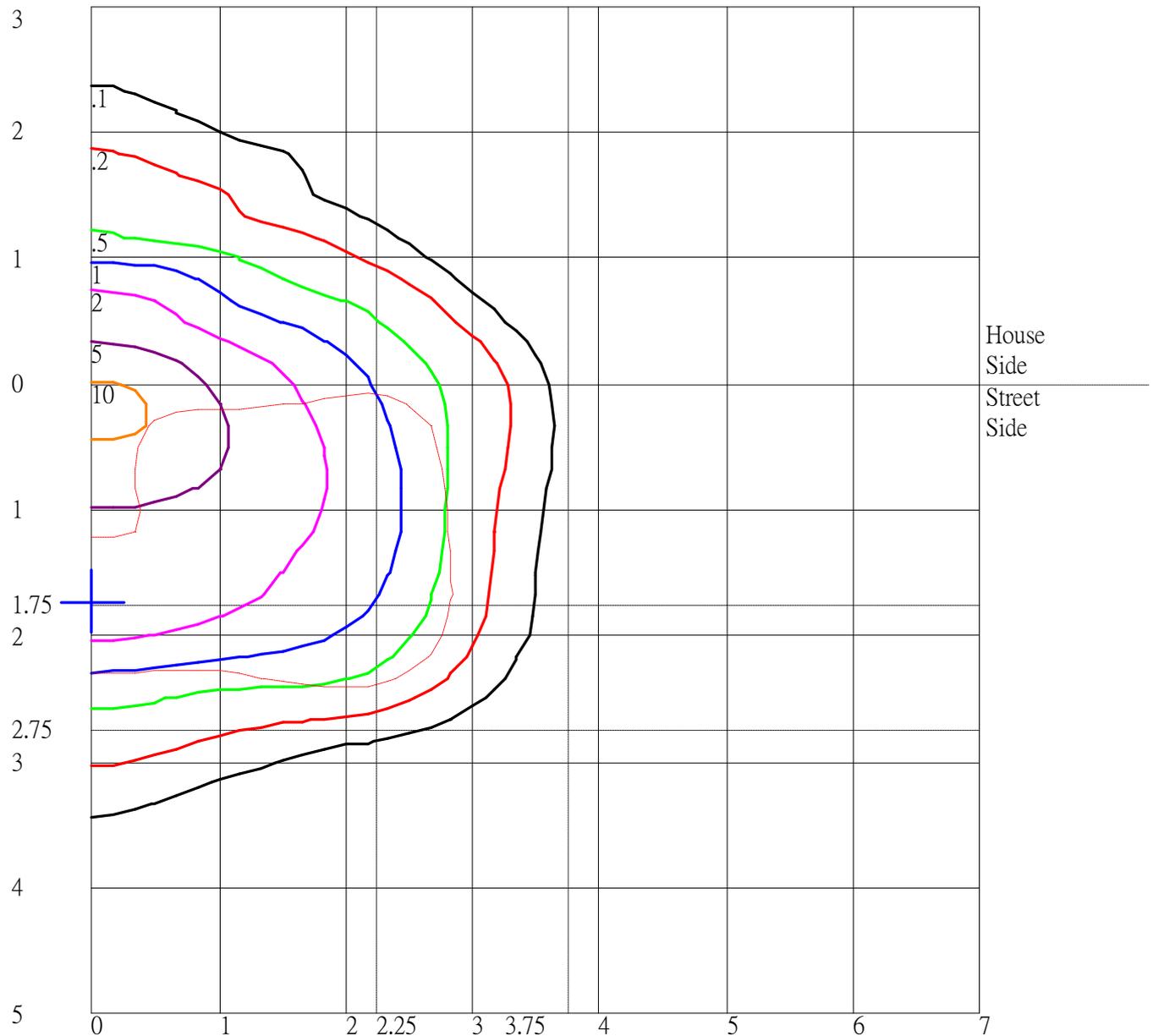


Maximum Candela = 11923.544 Located At Horizontal Angle = 0, Vertical Angle = 60

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

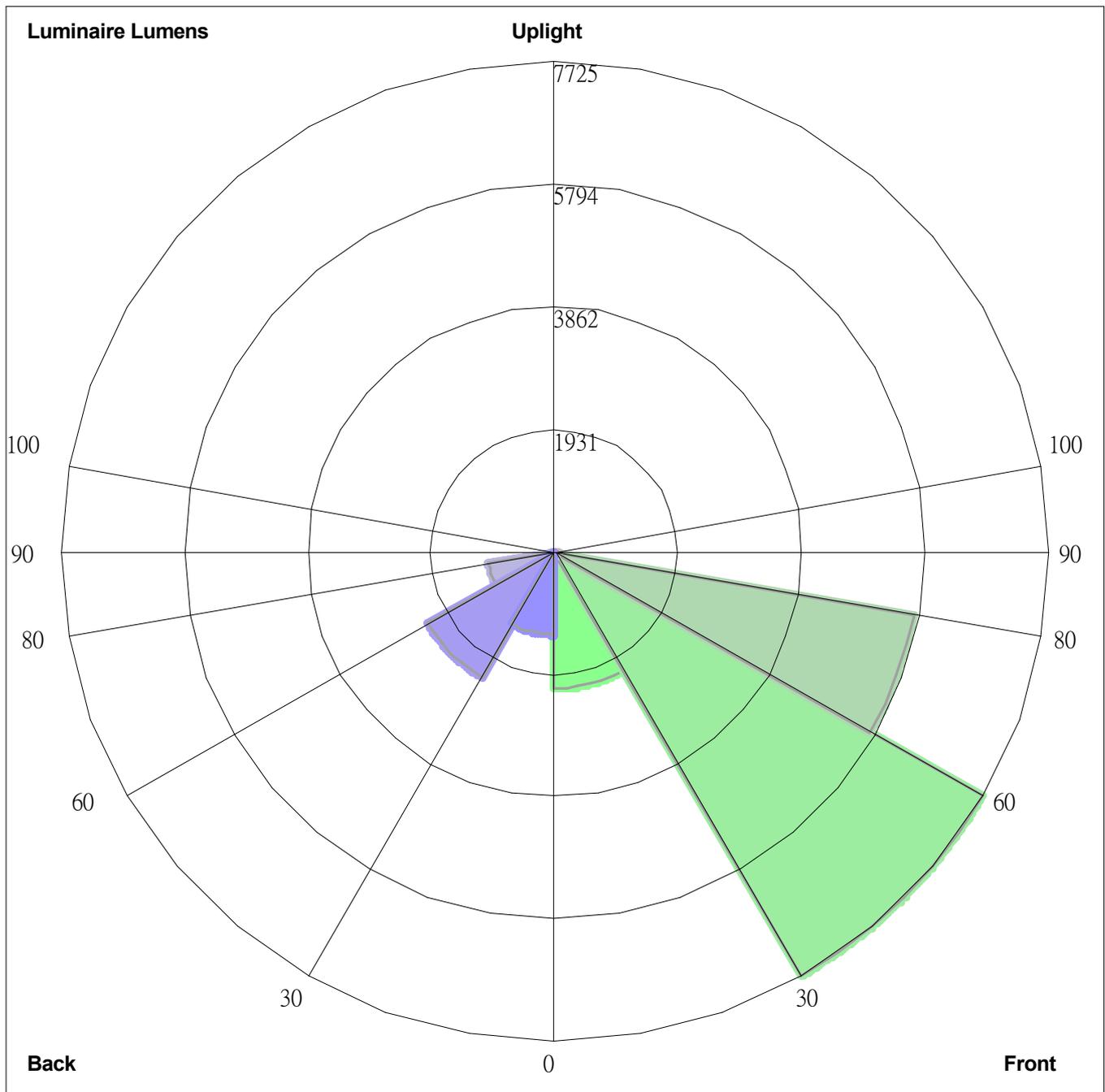
2 - Horizontal Cone Through Vertical Angle (60) (Through Max. Cd.)

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=2164.2, Medium=7724.9, High=5701.6, Very High=87.7
Back: Low=1312.3, Medium=2279.3, High=1045.8, Very High=35.7
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3