



IES ROAD REPORT

PHOTOMETRIC FILENAME : GCM3-60J-MV-27K-2R-XX-155 S.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Scaled from NVLAP LM-79 for GCM3-60J-MV-30K-2R-XX-180

[ISSUEDATE] 2020-05-18

[MANUFAC] Leotek Electronics USA LLC

[LUMCAT] GCM3-60J-MV-27K-2R-XX-155

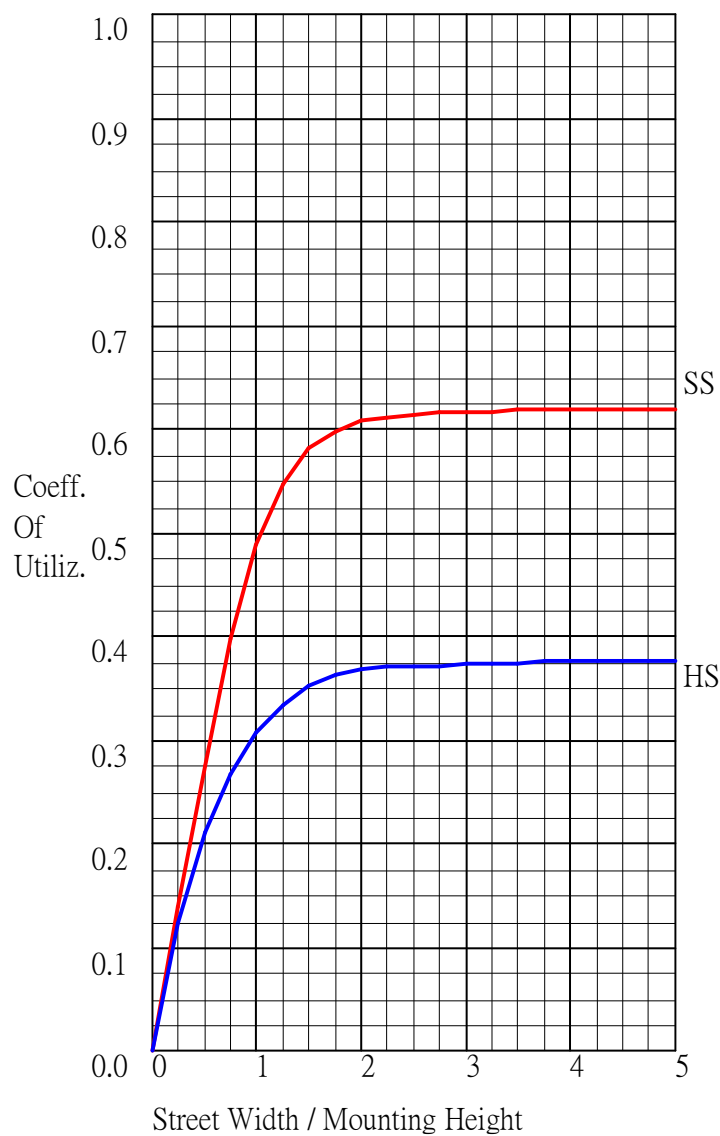
CHARACTERISTICS

| | |
|---|-----------------------------------|
| IES Classification | Type II |
| Longitudinal Classification | Medium |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 15776 |
| Downward Total Efficiency | N.A. (absolute) |
| Total Luminaire Efficiency | N.A. (absolute) |
| Luminaire Efficacy Rating (LER) | 142 |
| Total Luminaire Watts | 111 |
| Ballast Factor | 1.00 |
| Upward Waste Light Ratio | 0.00 |
| Maximum Candela | 9561.847 |
| Maximum Candela Angle | 75H 73.5V |
| Maximum Candela (<90 Degrees Vertical) | 9561.847 |
| Maximum Candela Angle (<90 Degrees Vertical) | 75H 73.5V |
| Maximum Candela At 90 Degrees Vertical | 0 (0.0% Luminaire Lumens) |
| Maximum Candela from 80 to <90 Degrees Vertical | 3132.267 (19.9% Luminaire Lumens) |
| Cutoff Classification (deprecated) | N.A. (absolute) |

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

| | Lumens | % Lamp | % Luminaire |
|-------------------------------|----------|--------|-------------|
| FL - Front-Low (0-30) | 1466.0 | N.A. | 9.3 |
| FM - Front-Medium (30-60) | 5335.3 | N.A. | 33.8 |
| FH - Front-High (60-80) | 2911.8 | N.A. | 18.5 |
| FVH - Front-Very High (80-90) | 96.5 | N.A. | 0.6 |
| BL - Back-Low (0-30) | 1357.5 | N.A. | 8.6 |
| BM - Back-Medium (30-60) | 3228.5 | N.A. | 20.5 |
| BH - Back-High (60-80) | 1345.9 | N.A. | 8.5 |
| BVH - Back-Very High (80-90) | 34.1 | 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 | 15775.6 | N.A. | 100.0 |
| BUG Rating | B3-U0-G3 | | |

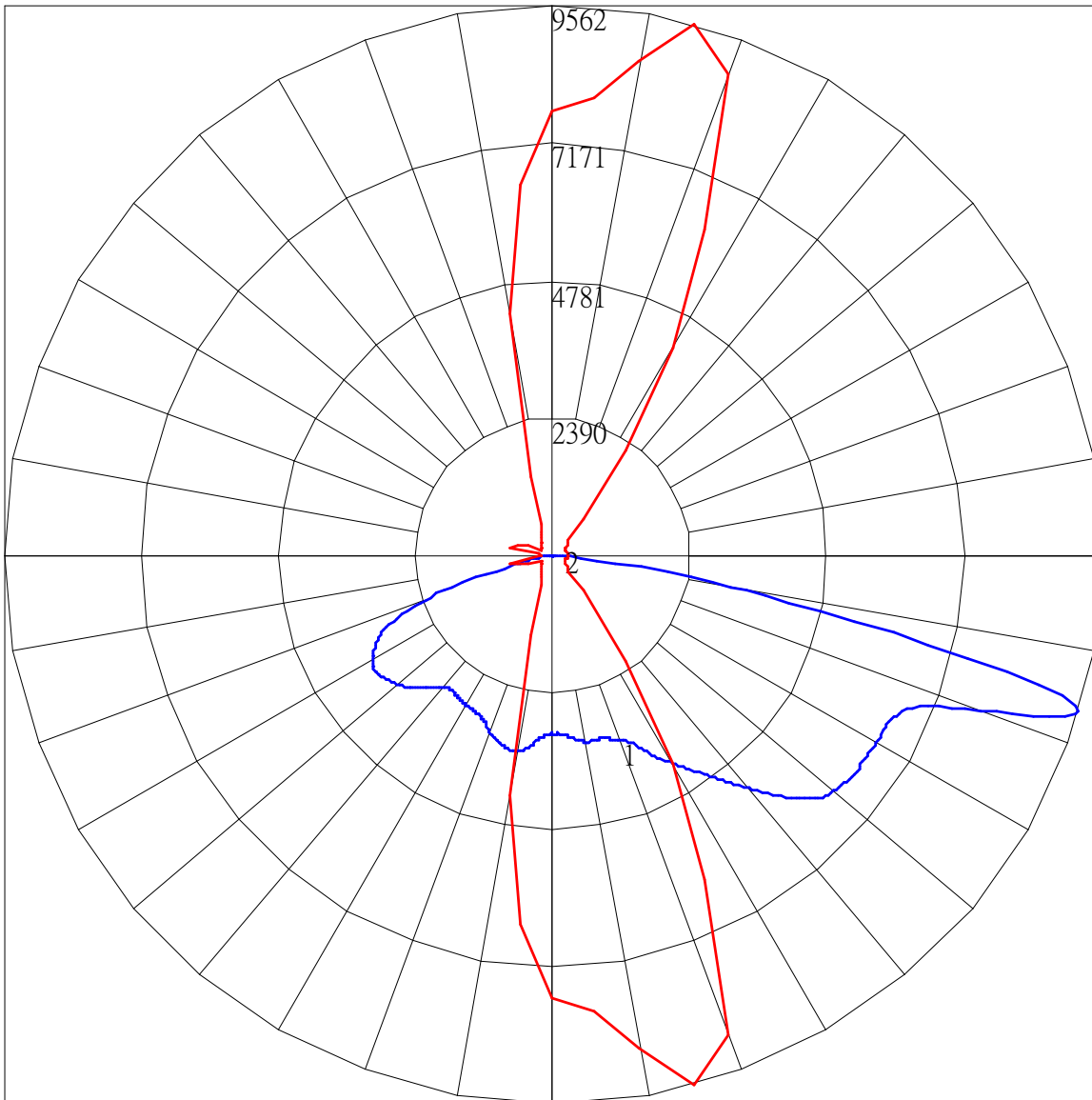
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

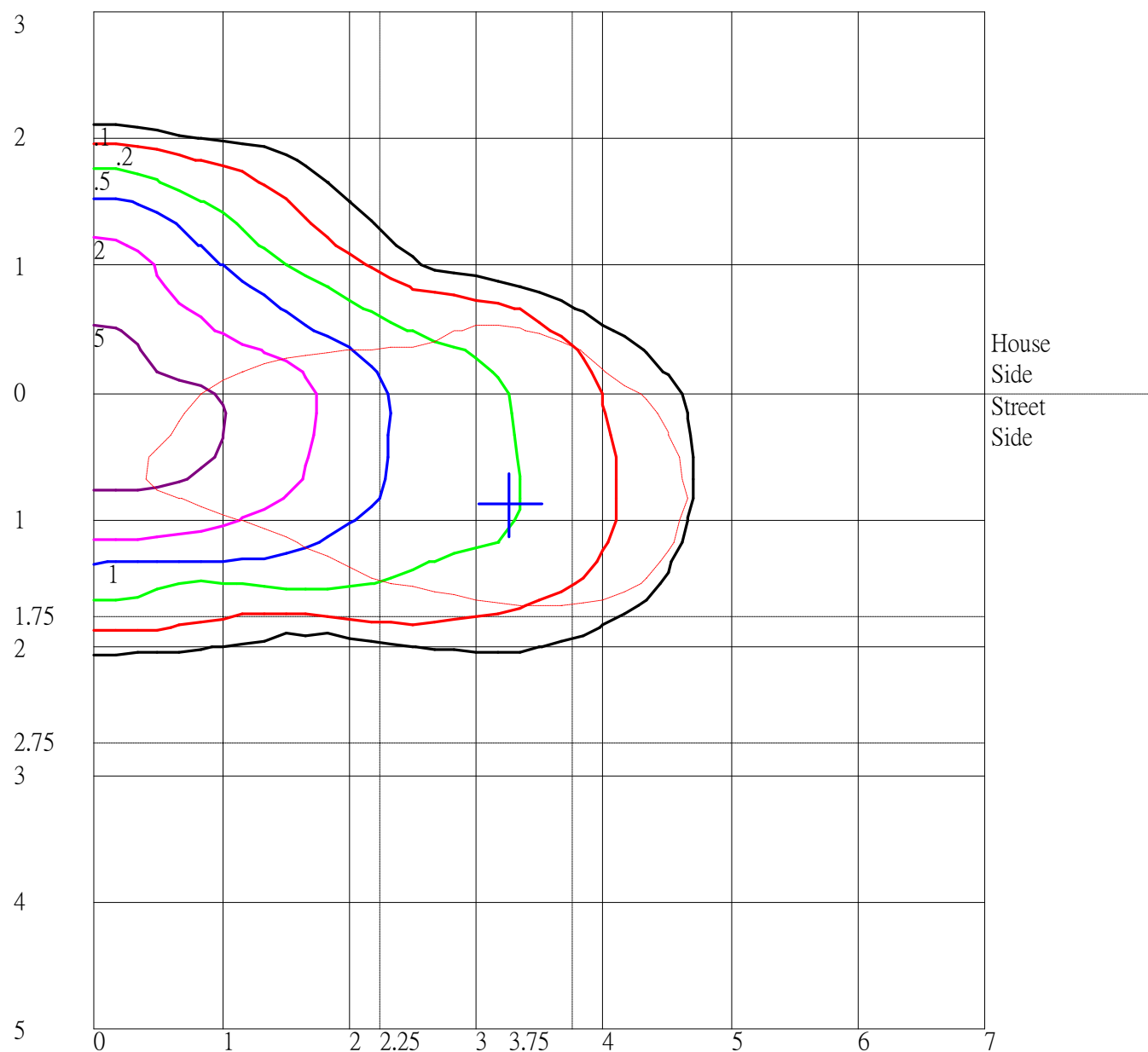
| | Lumens | Percent Of Luminaire |
|----------------------|---------|-------------------------|
| Downward Street Side | 9809.6 | 62.2 |
| Downward House Side | 5966.0 | 37.8 |
| Downward Total | 15775.6 | 100.0 |
| Upward Street Side | 0.0 | 0.0 |
| Upward House Side | 0.0 | 0.0 |
| Upward Total | 0.0 | 0.0 |
| Total Flux | 15775.6 | 100.0 |

POLAR GRAPH



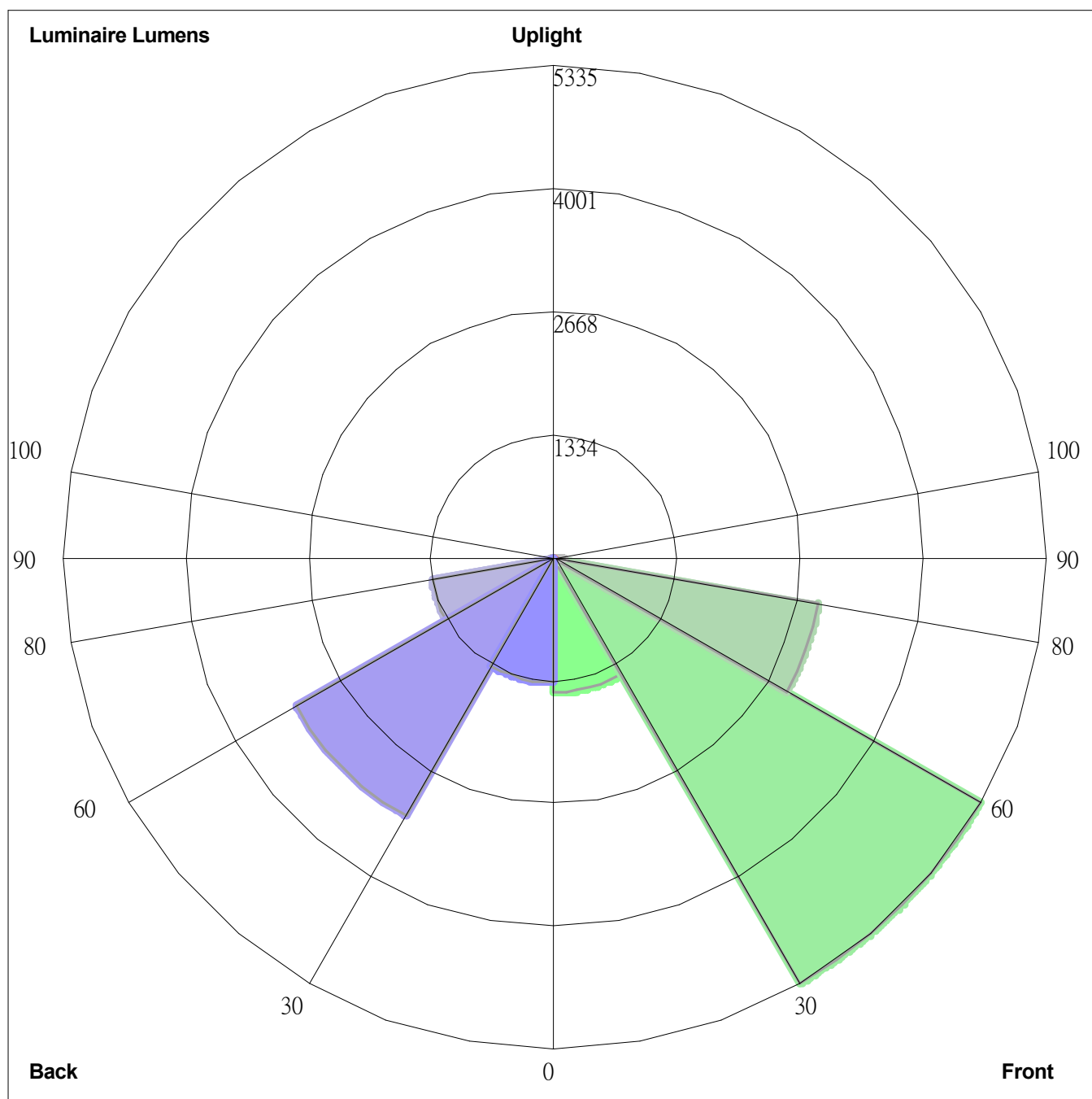
Maximum Candela = 9561.847 Located At Horizontal Angle = 75, Vertical Angle = 73.5
1 - Vertical Plane Through Horizontal Angles (75 - 255) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (73.5) (Through Max. Cd.)

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= 1466.0, Medium=5335.3, High=2911.8, Very High=96.5
Back: Low=1357.5, Medium=3228.5, High=1345.9, Very High=34.1
Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3