



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
 [ISSUE DATE] 9/25/2020
 [MANUFAC] Leotek Electronics USA LLC
 [LUMCAT] GCM1-60J-MV-27K-2R-XX-090

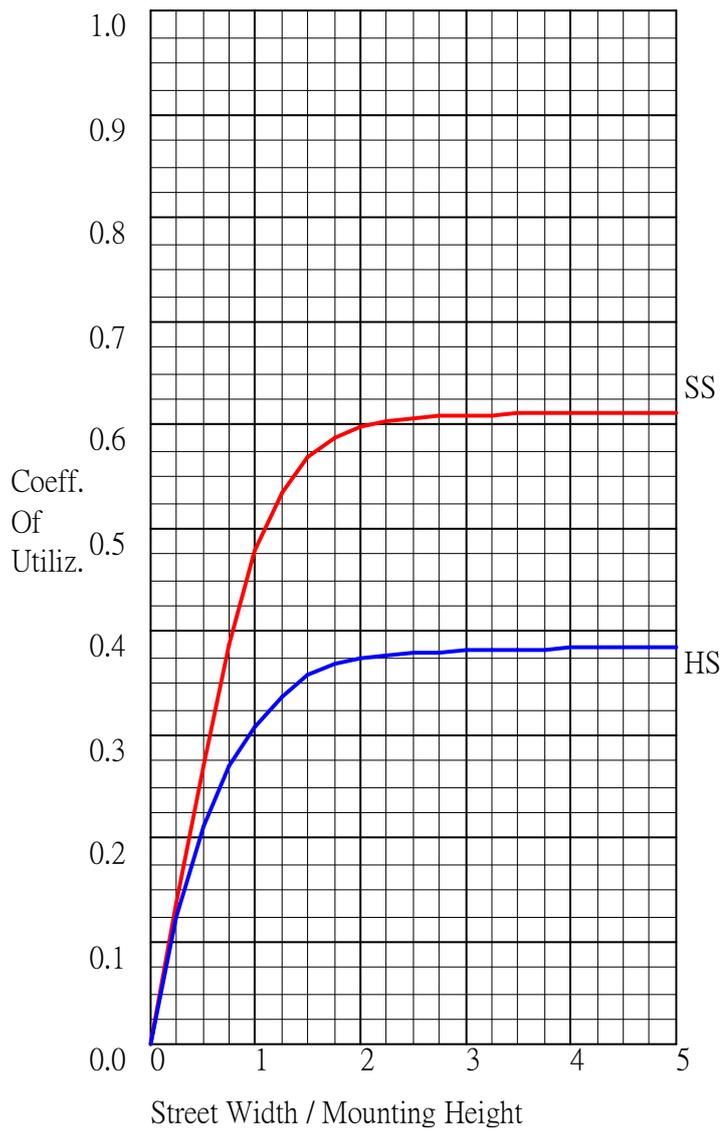
CHARACTERISTICS

| | |
|---|-----------------------------------|
| 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 At 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 | | |

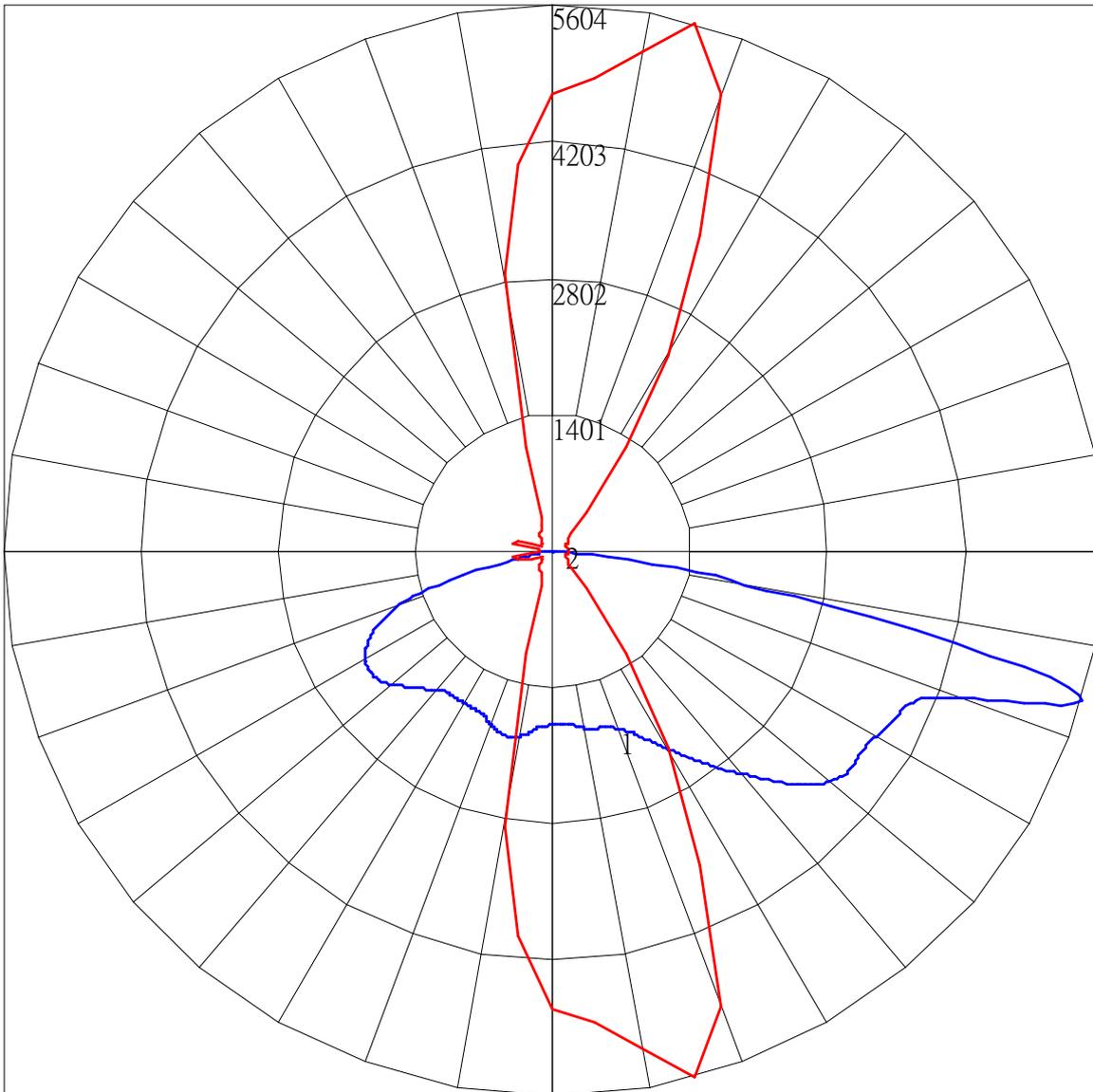
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

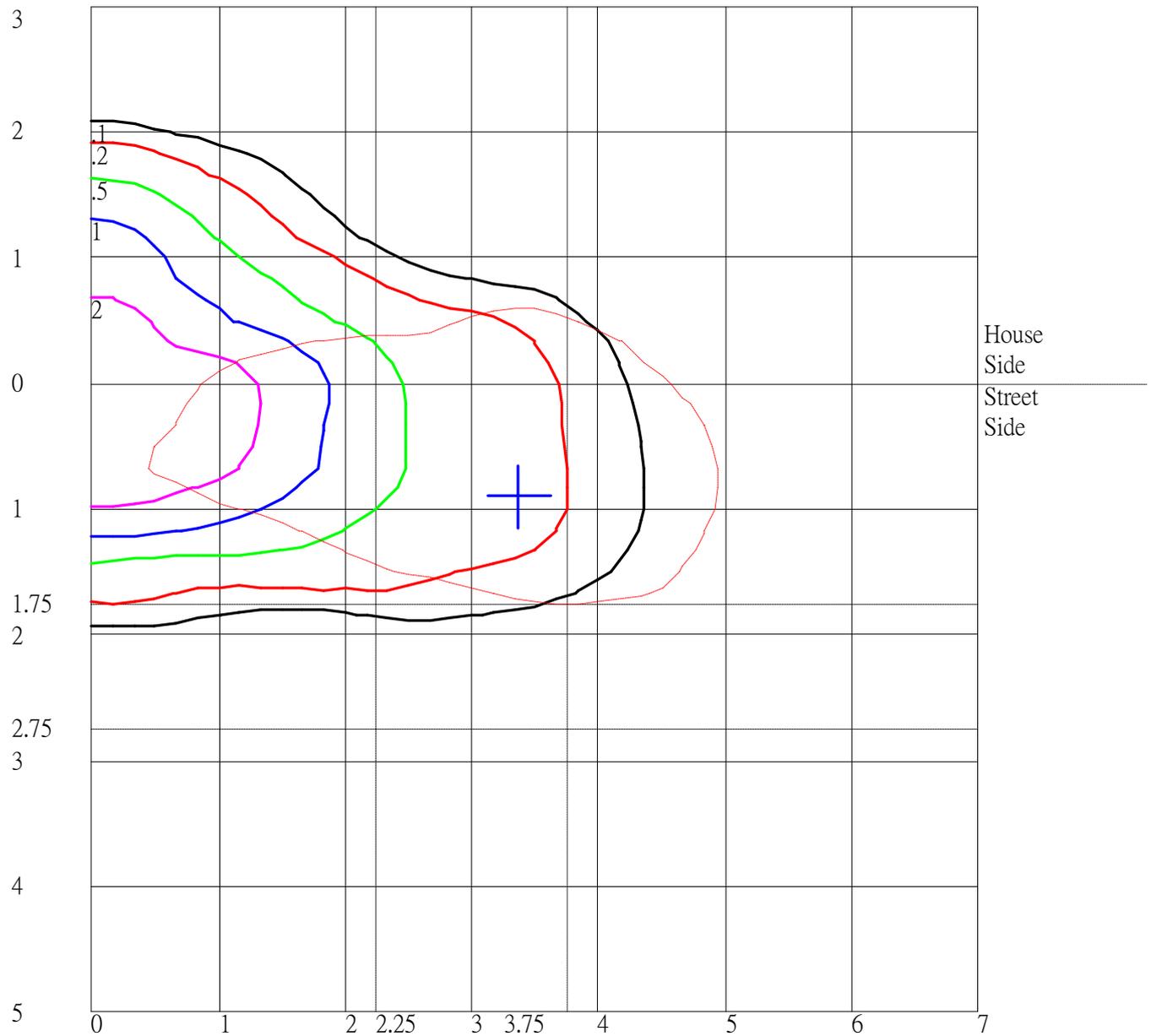
| | Lumens | Percent Of Luminaire |
|----------------------|---------------|----------------------|
| Downward Street Side | 5704.8 | 61.4 |
| Downward House Side | 3586.5 | 38.6 |
| Downward Total | 9291.3 | 100.0 |
| Upward Street Side | 0.0 | 0.0 |
| Upward House Side | 0.0 | 0.0 |
| Upward Total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

POLAR GRAPH



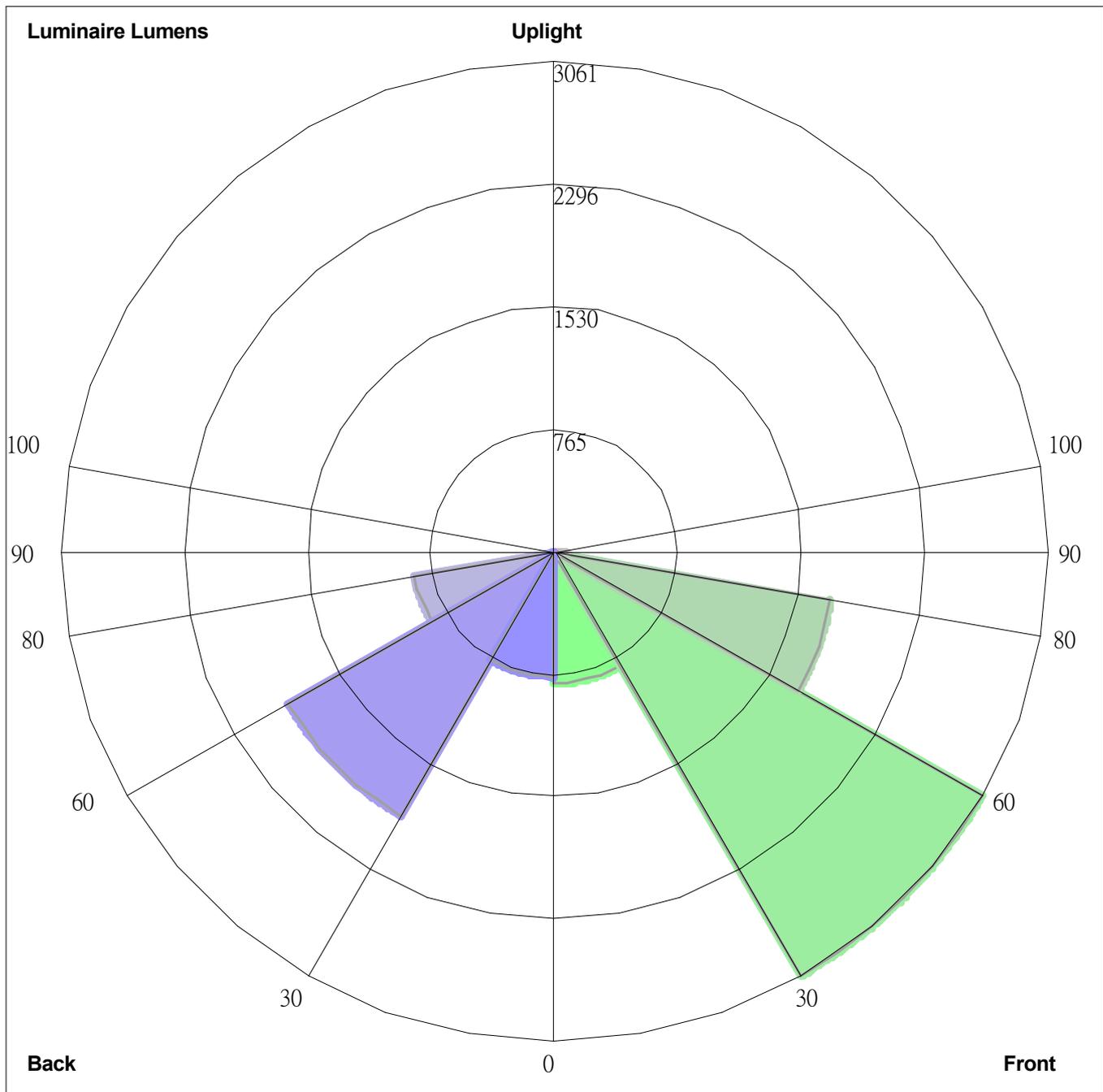
Maximum Candela = 5603.895 Located At Horizontal Angle = 75, Vertical Angle = 74
1 - Vertical Plane Through Horizontal Angles (75 - 255) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (74) (Through Max. Cd.)

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