

IES ROAD REPORT

PHOTOMETRIC FILENAME : SAS-12L-U-40-T2.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]
[TESTLAB]
[TESTDATE]
[ISSUE DATE]
[LAMP POSITION] 0,0
[MANUFAC] Industrial Lighting Products Inc
[LUMCAT] SAS-12L-U-40-T2
[LUMINAIRE] Skyline Small, 12,000 Lumens, 4000K, Type 2 Optic
[LAMP] N/A

CHARACTERISTICS

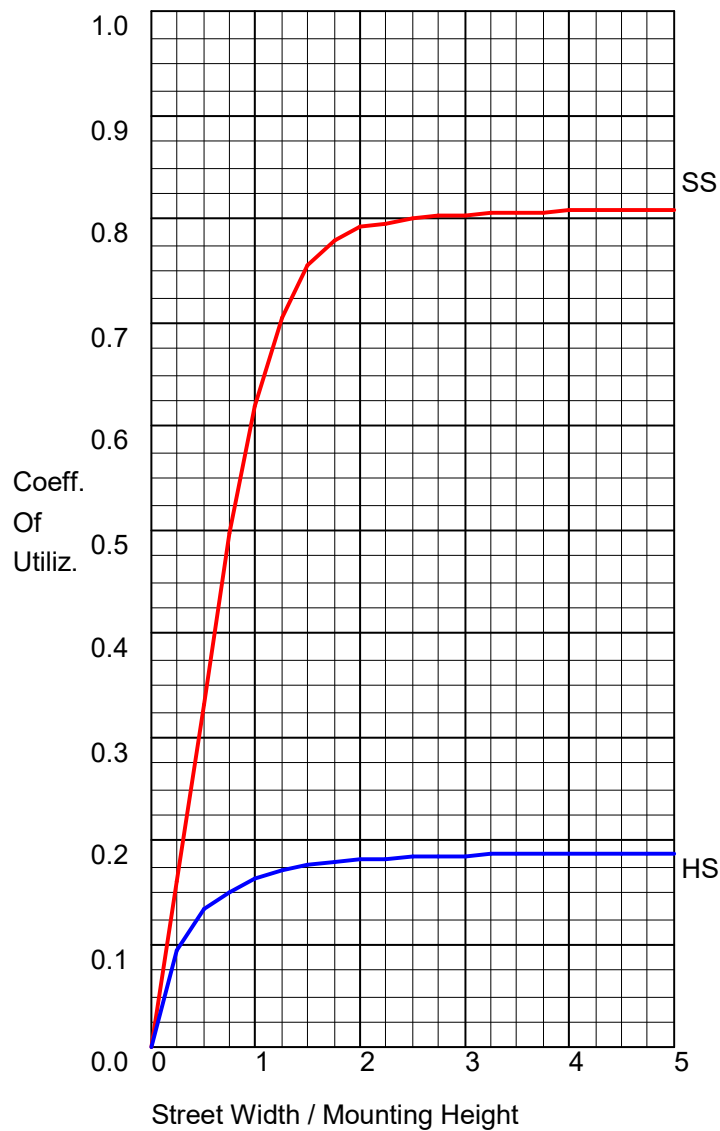
| | |
|---|-----------------------------|
| IES Classification | Type II |
| Longitudinal Classification | Medium |
| Lumens Per Lamp | 13607 (1 lamp) |
| Total Lamp Lumens | 13607 |
| Luminaire Lumens | 13607 |
| Downward Total Efficiency | 100 % |
| Total Luminaire Efficiency | 100 % |
| Luminaire Efficacy Rating (LER) | 154 |
| Total Luminaire Watts | 88.4 |
| Ballast Factor | 1.00 |
| Upward Waste Light Ratio | 0.00 |
| Maximum Candela | 11226.27 |
| Maximum Candela Angle | 290H 71V |
| Maximum Candela (<90 Degrees Vertical) | 11226.27 |
| Maximum Candela Angle (<90 Degrees Vertical) | 290H 71V |
| Maximum Candela At 90 Degrees Vertical | 0 (0.0% Lamp Lumens) |
| Maximum Candela from 80 to <90 Degrees Vertical | 3104.21 (22.8% Lamp Lumens) |
| Cutoff Classification (deprecated) | Non-Cutoff |

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

| | Lumens | % Lamp | % Luminaire |
|-------------------------------|----------|--------|-------------|
| FL - Front-Low (0-30) | 1572.7 | 11.6 | 11.6 |
| FM - Front-Medium (30-60) | 5929.8 | 43.6 | 43.6 |
| FH - Front-High (60-80) | 3399.8 | 25.0 | 25.0 |
| FVH - Front-Very High (80-90) | 150.9 | 1.1 | 1.1 |
| BL - Back-Low (0-30) | 648.5 | 4.8 | 4.8 |
| BM - Back-Medium (30-60) | 1243.2 | 9.1 | 9.1 |
| BH - Back-High (60-80) | 646.0 | 4.7 | 4.7 |
| BVH - Back-Very High (80-90) | 16.0 | 0.1 | 0.1 |
| UL - Uplight-Low (90-100) | 0.0 | 0.0 | 0.0 |
| UH - Uplight-High (100-180) | 0.0 | 0.0 | 0.0 |
| Total | 13606.9 | 100.0 | 100.0 |
| BUG Rating | B2-U0-G2 | | |

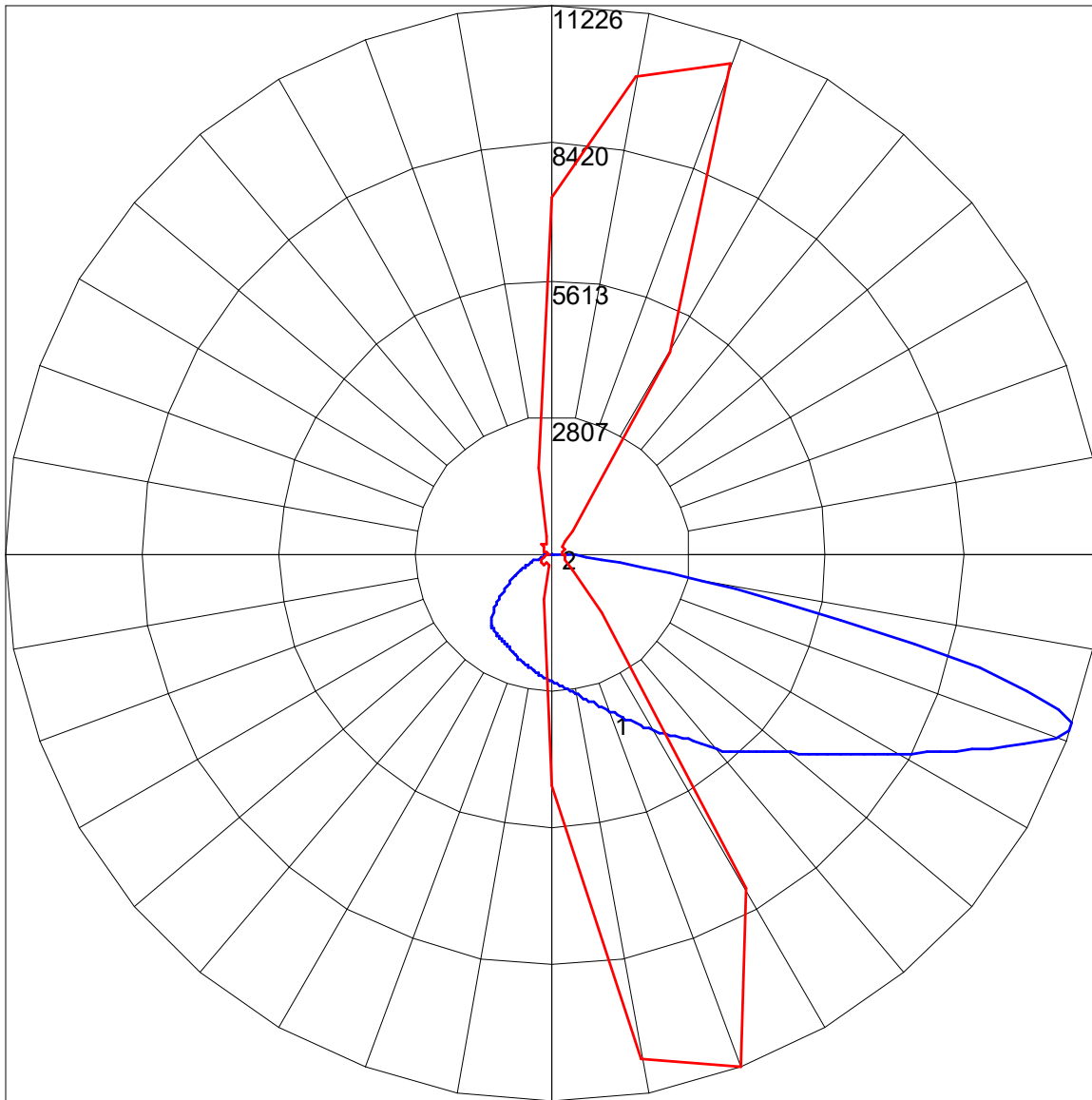
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

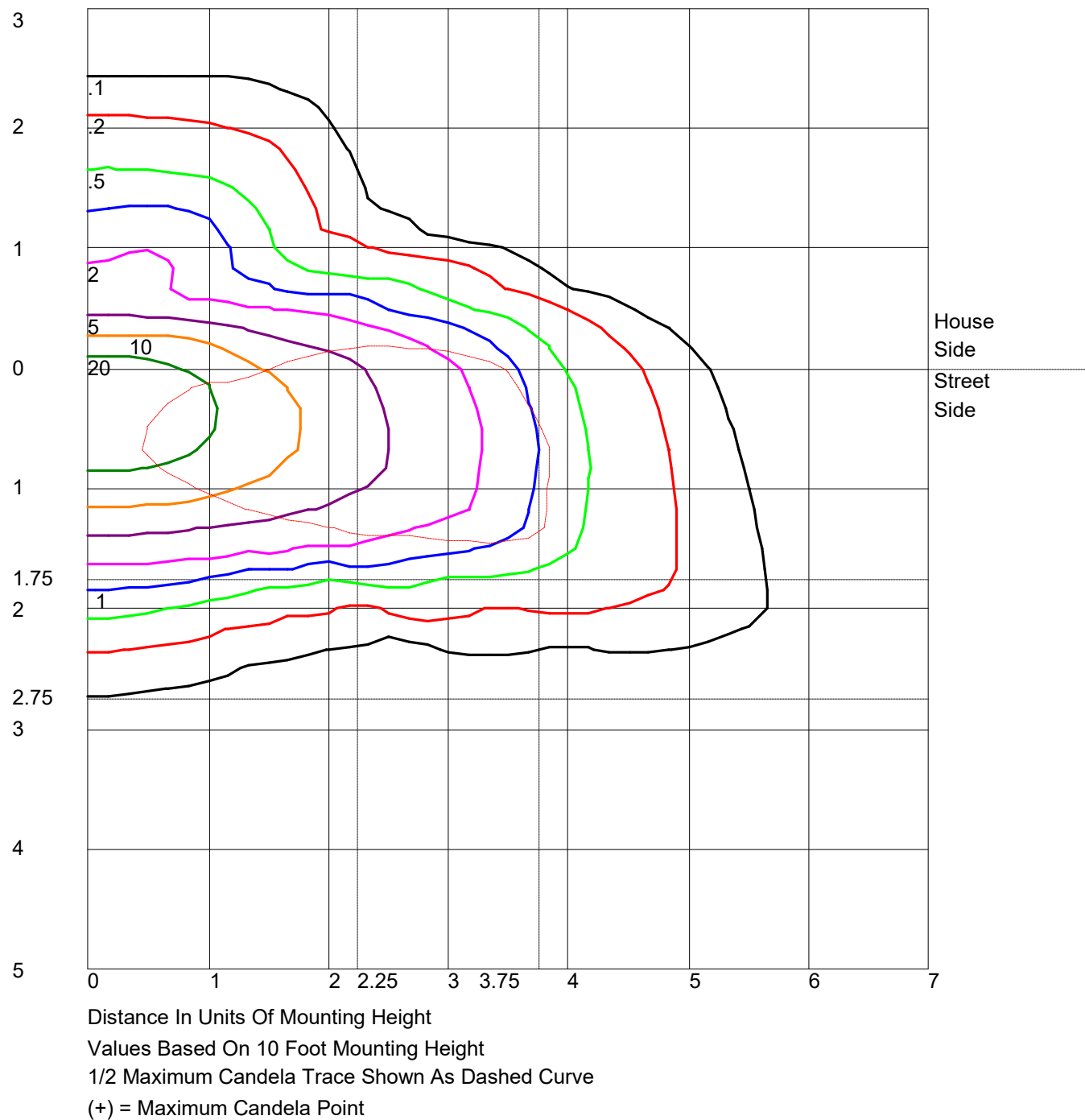
| | Lumens | Percent Of Lamp |
|----------------------|---------|--------------------|
| Downward Street Side | 11053.3 | 81.2 |
| Downward House Side | 2553.8 | 18.8 |
| Downward Total | 13607.1 | 100.0 |
| Upward Street Side | 0.0 | 0.0 |
| Upward House Side | 0.0 | 0.0 |
| Upward Total | 0.0 | 0.0 |
| Total Flux | 13607.1 | 100.0 |

POLAR GRAPH

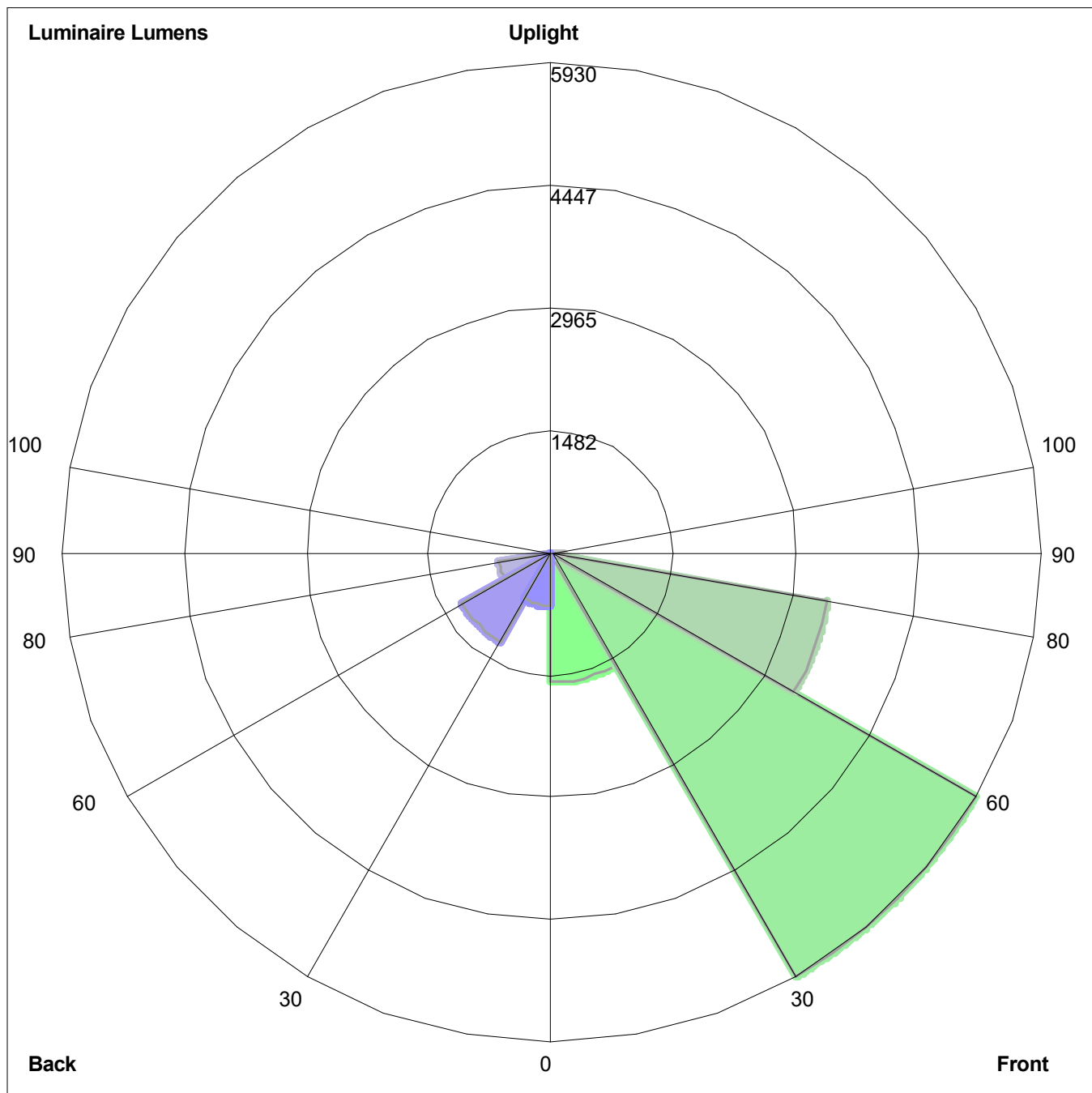


Maximum Candela = 11226.27 Located At Horizontal Angle = 290, Vertical Angle = 71
1 - Vertical Plane Through Horizontal Angles (290 - 110) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (71) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1572.7, Medium=5929.8, High=3399.8, Very High=150.9
Back: Low=648.5, Medium=1243.2, High=646.0, Very High=16.0
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2