

IES ROAD REPORT

PHOTOMETRIC FILENAME : SAS-9L-U-40-T3.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-9L-U-40-T3
[LUMINAIRE] Skyline Small, 9,000 Lumens, 4000K, Type 3 Optic
[LAMP] N/A

CHARACTERISTICS

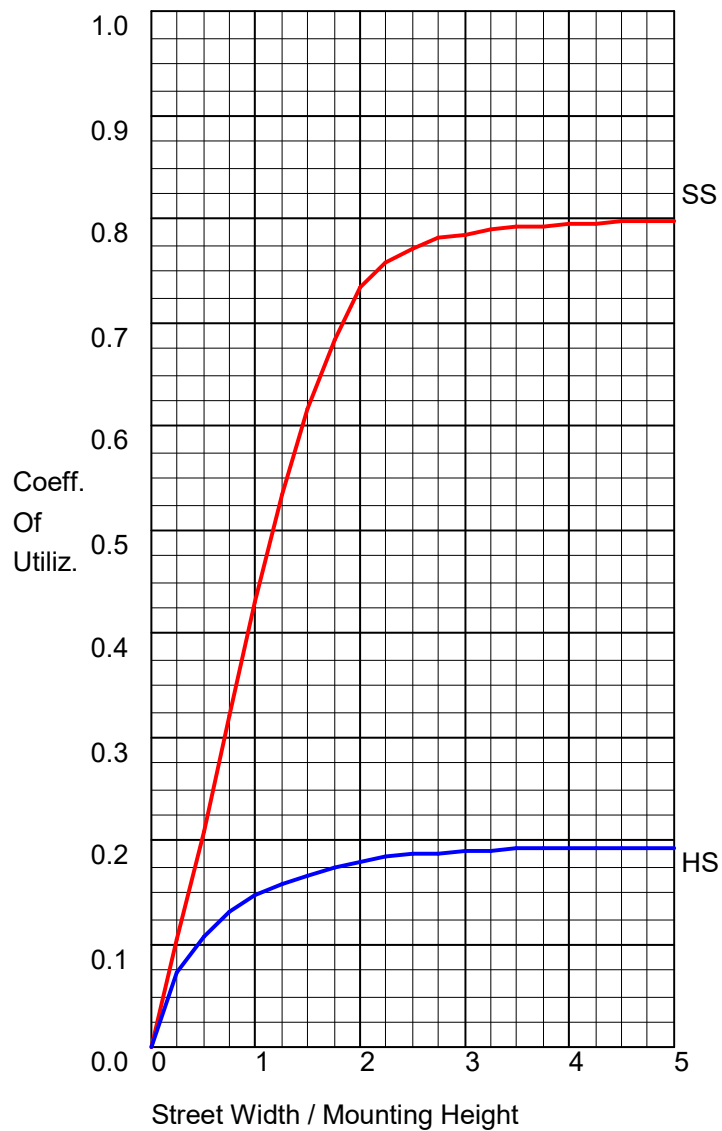
| | |
|---|------------------------------|
| IES Classification | Type III |
| Longitudinal Classification | Short |
| Lumens Per Lamp | 10189 (1 lamp) |
| Total Lamp Lumens | 10189 |
| Luminaire Lumens | 10189 |
| Downward Total Efficiency | 100 % |
| Total Luminaire Efficiency | 100 % |
| Luminaire Efficacy Rating (LER) | 154 |
| Total Luminaire Watts | 66.3 |
| Ballast Factor | 1.00 |
| Upward Waste Light Ratio | 0.00 |
| Maximum Candela | 7968.509 |
| Maximum Candela Angle | 60H 66V |
| Maximum Candela (<90 Degrees Vertical) | 7968.509 |
| Maximum Candela Angle (<90 Degrees Vertical) | 60H 66V |
| Maximum Candela At 90 Degrees Vertical | 0 (0.0% Lamp Lumens) |
| Maximum Candela from 80 to <90 Degrees Vertical | 1053.121 (10.3% Lamp Lumens) |
| Cutoff Classification (deprecated) | Semi-Cutoff |

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

| | Lumens | % Lamp | % Luminaire |
|-------------------------------|----------|--------|-------------|
| FL - Front-Low (0-30) | 637.9 | 6.3 | 6.3 |
| FM - Front-Medium (30-60) | 3859.6 | 37.9 | 37.9 |
| FH - Front-High (60-80) | 3605.9 | 35.4 | 35.4 |
| FVH - Front-Very High (80-90) | 102.7 | 1.0 | 1.0 |
| BL - Back-Low (0-30) | 378.7 | 3.7 | 3.7 |
| BM - Back-Medium (30-60) | 1078.1 | 10.6 | 10.6 |
| BH - Back-High (60-80) | 508.9 | 5.0 | 5.0 |
| BVH - Back-Very High (80-90) | 17.1 | 0.2 | 0.2 |
| UL - Uplight-Low (90-100) | 0.0 | 0.0 | 0.0 |
| UH - Uplight-High (100-180) | 0.0 | 0.0 | 0.0 |
| Total | 10188.9 | 100.1 | 100.0 |
| BUG Rating | B2-U0-G2 | | |

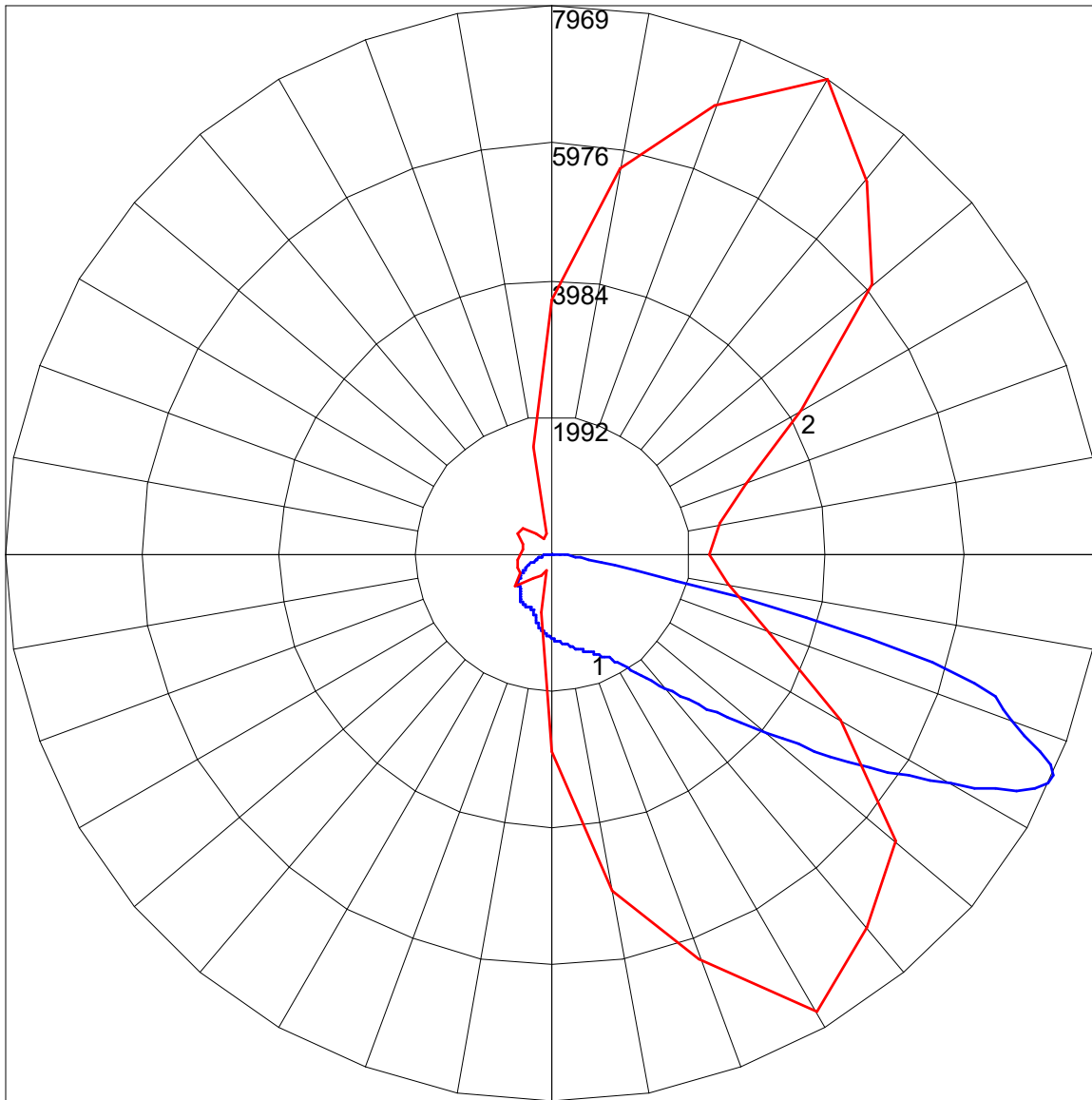
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

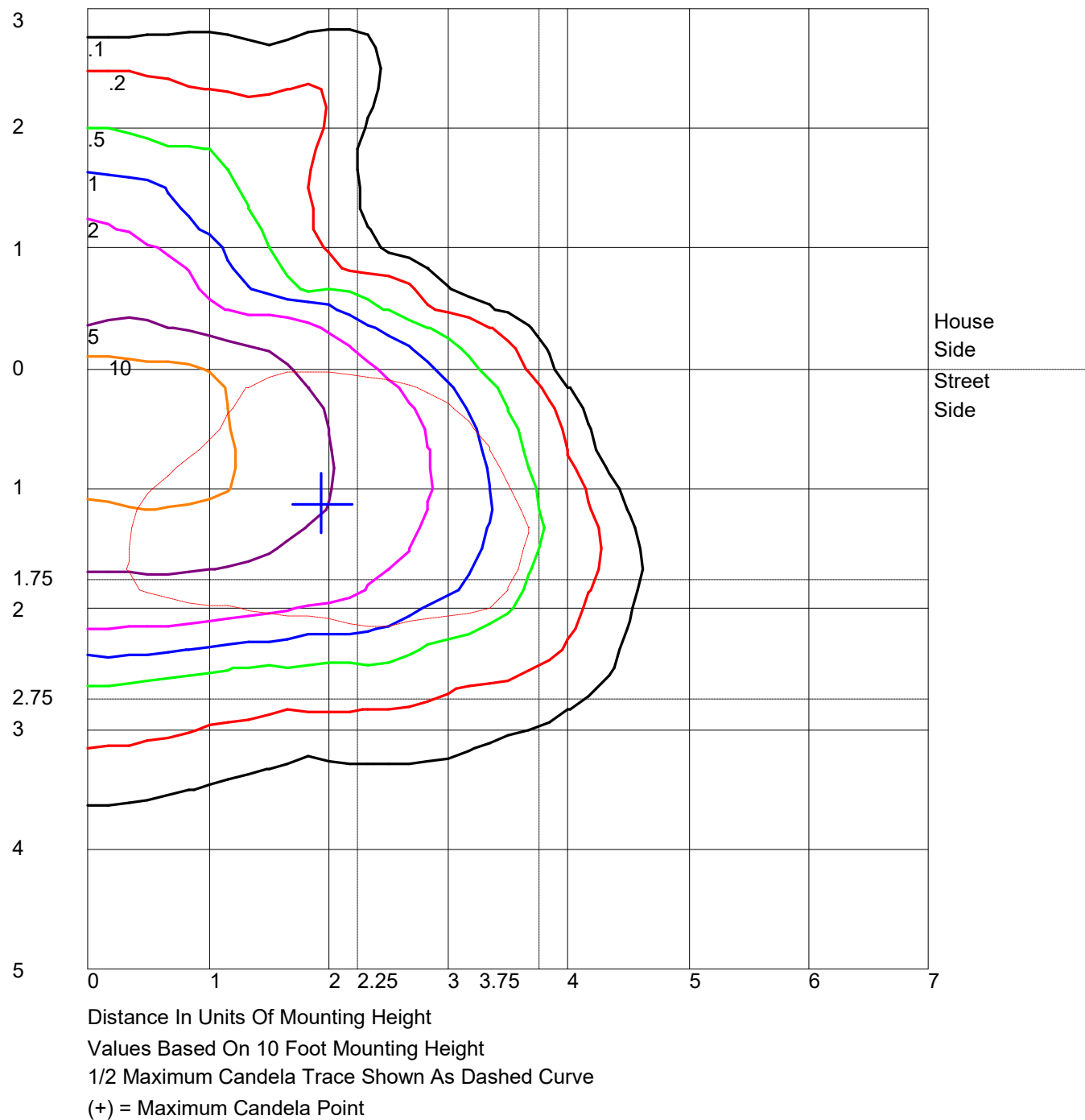
| | Lumens | Percent Of Lamp |
|----------------------|---------|--------------------|
| Downward Street Side | 8206.1 | 80.5 |
| Downward House Side | 1982.8 | 19.5 |
| Downward Total | 10188.9 | 100.0 |
| Upward Street Side | 0.0 | 0.0 |
| Upward House Side | 0.0 | 0.0 |
| Upward Total | 0.0 | 0.0 |
| Total Flux | 10188.9 | 100.0 |

POLAR GRAPH

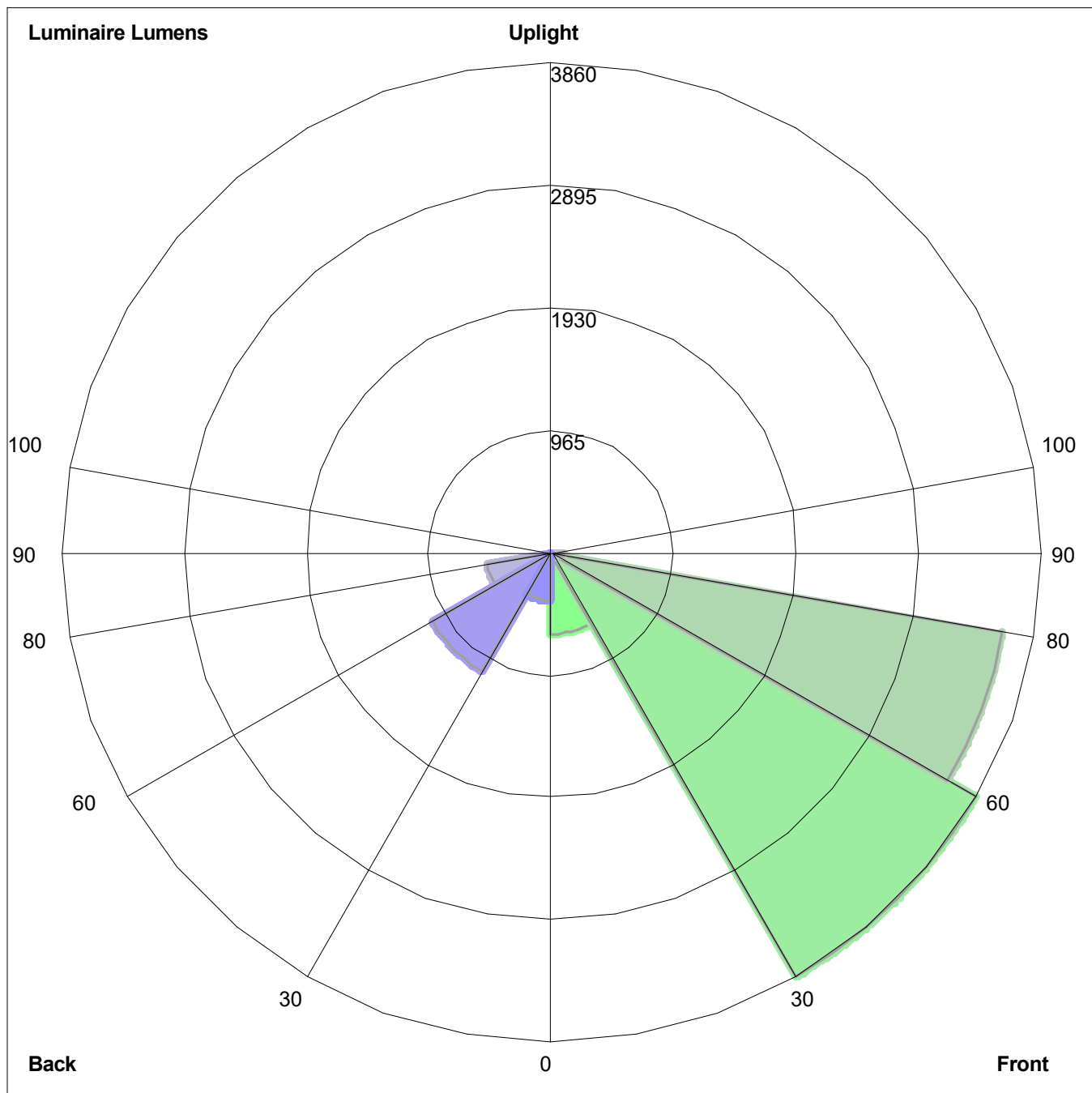


Maximum Candela = 7968.509 Located At Horizontal Angle = 60, Vertical Angle = 66
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (66) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=637.9, Medium=3859.6, High=3605.9, Very High=102.7
Back: Low=378.7, Medium=1078.1, High=508.9, Very High=17.1
Uplight: Low=0.0, High=0.0

BUG Rating : B2-U0-G2