

Light efficiency:

116 Lumen/Watt

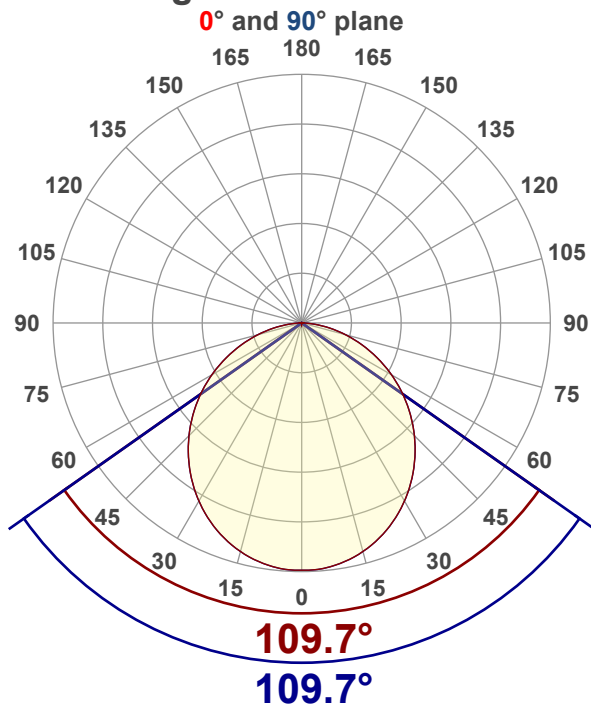
Color temperature:

3440 K

Light quality:

CRI:96.3, R_g:93.1, R_f:102.3**P: 2 / V: - / F: 2****Output: 1666 lm****Peak: 598 cd****Power: 14.4 W****Voltage: 120 V****Current: 0.123 A****PF: 0.98****THD: 15.29 %**

Angular Distribution



Product name:

SLM6-16W-CCT-WH - 3500K

Test Date:

11/27/2025

Beam Angle (50% of the brightness of the centre):

109.7°

Field Angle (10% of the brightness of the centre):

161.7°

Cut Off Angle (2.5% of the brightness of the centre):

174.9°

Beam Details

*measured at centre of beam

| Mounting Height (feet)\(meter) | Lux* | Footcandles* | Beam width (feet) / (meter) |
|-----------------------------------|--------|--------------|--------------------------------|
| 4 ft / 1.2 m | 402 lx | 37 fc | 11.4 ft / 3.5 m |
| 8 ft / 2.4 m | 101 lx | 9 fc | 22.7 ft / 6.9 m |
| 12 ft / 3.7 m | 45 lx | 4 fc | 34.1 ft / 10.4 m |
| 16 ft / 4.9 m | 25 lx | 2 fc | 45.5 ft / 13.9 m |
| 20 ft / 6.1 m | 16 lx | 1 fc | 56.8 ft / 17.3 m |

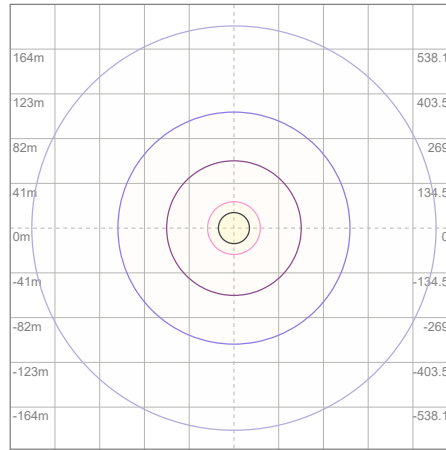
Beam center

Photometric Testing Report

Zonal Lumen Summary

| Zone | Lumen | %Luminaire |
|--------|-------|------------|
| 0-30 | 461 | 27.67% |
| 0-40 | 751 | 45.08% |
| 0-60 | 1313 | 78.81% |
| 60-90 | 351 | 21.07% |
| 70-100 | 151 | 9.06% |
| 90-120 | 1.17 | 0.07% |
| 0-90 | 1664 | 99.88% |
| 90-180 | 1.82 | 0.11% |
| 0-180 | 1666 | 100.00% |

ISO Lux Diagram



| | |
|----------------|----------|
| Lux at center: | 64 lx |
| 3% | 1.92 lx |
| 5% | 3.20 lx |
| 10% | 6.40 lx |
| 30% | 19.20 lx |
| 50% | 32.00 lx |

Conditions:
Number of planes: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

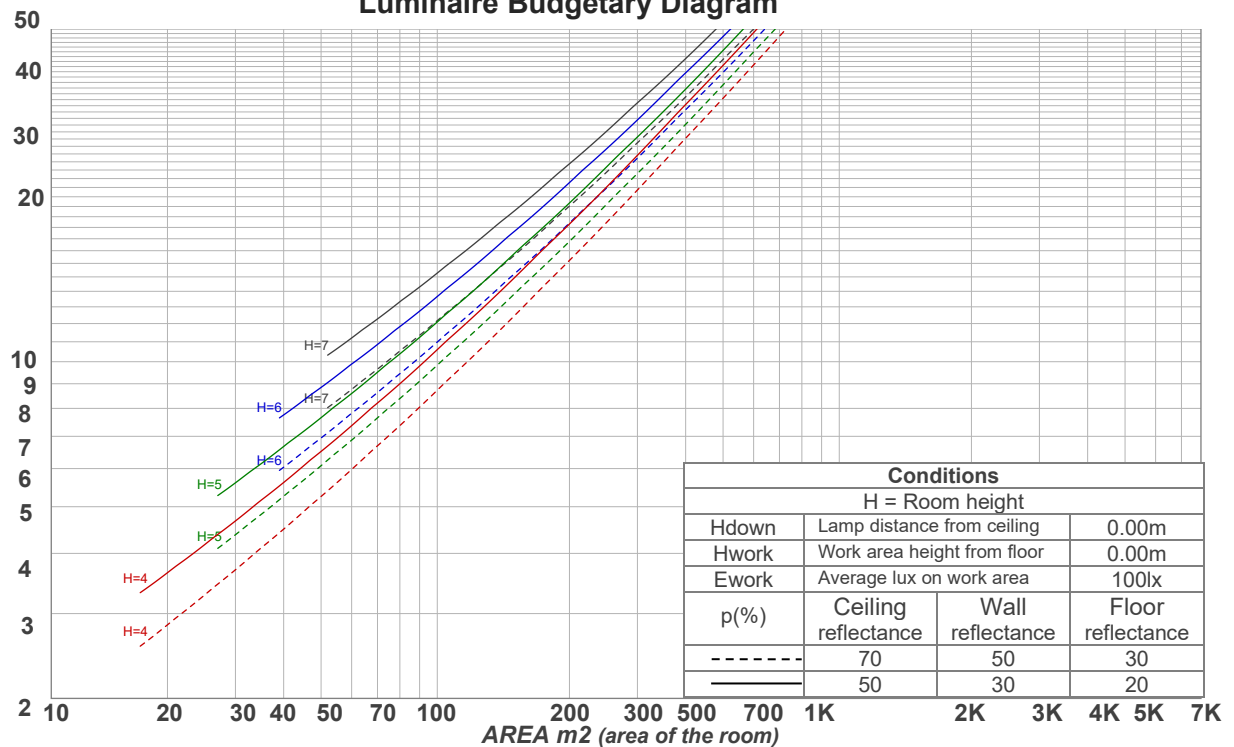
Mounting height: 3.05 meters (10 feet)

Coefficients of Utilization

| Ceiling reflectance | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|---------------------|--------------------------|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Wall reflectance | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| Floor reflectance | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 0 |
| RCR | (RCR: Room Cavity Ratio) | | | | Room Values are expressed as percentage of Lumens delivered to the task surface | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 109 | 104 | 100 | 96 | 106 | 102 | 98 | 94 | 97 | 94 | 91 | 93 | 91 | 88 | 90 | 88 | 86 | 84 |
| 2 | 99 | 90 | 84 | 78 | 96 | 89 | 82 | 77 | 85 | 80 | 75 | 82 | 77 | 73 | 79 | 75 | 72 | 70 |
| 3 | 90 | 79 | 71 | 65 | 88 | 78 | 70 | 64 | 75 | 68 | 63 | 72 | 67 | 62 | 69 | 65 | 61 | 59 |
| 4 | 82 | 70 | 62 | 55 | 80 | 69 | 61 | 54 | 67 | 59 | 54 | 64 | 58 | 53 | 62 | 57 | 52 | 50 |
| 5 | 76 | 63 | 54 | 47 | 74 | 62 | 53 | 47 | 60 | 52 | 46 | 58 | 51 | 46 | 56 | 50 | 45 | 43 |
| 6 | 70 | 57 | 48 | 41 | 68 | 56 | 47 | 41 | 54 | 46 | 41 | 52 | 45 | 40 | 51 | 45 | 40 | 38 |
| 7 | 65 | 51 | 43 | 36 | 63 | 51 | 42 | 36 | 49 | 41 | 36 | 48 | 41 | 36 | 46 | 40 | 35 | 33 |
| 8 | 60 | 47 | 38 | 33 | 59 | 46 | 38 | 32 | 45 | 37 | 32 | 44 | 37 | 32 | 42 | 36 | 32 | 30 |
| 9 | 56 | 43 | 35 | 29 | 55 | 42 | 35 | 29 | 41 | 34 | 29 | 40 | 34 | 29 | 39 | 33 | 29 | 27 |
| 10 | 53 | 40 | 32 | 27 | 52 | 39 | 32 | 26 | 38 | 31 | 26 | 37 | 31 | 26 | 36 | 30 | 26 | 24 |

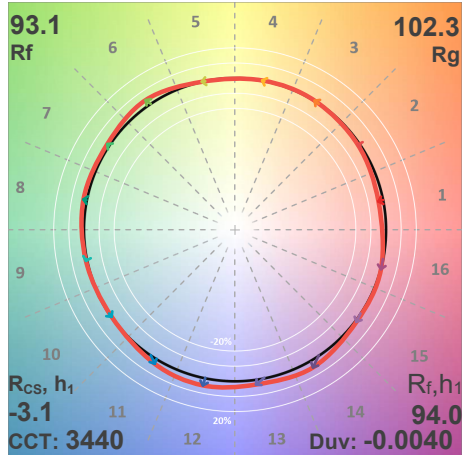
LAMPS (number of lamps)

Luminaire Budgetary Diagram

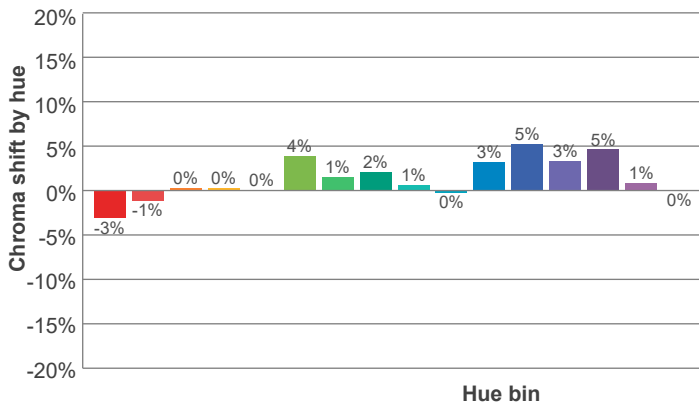
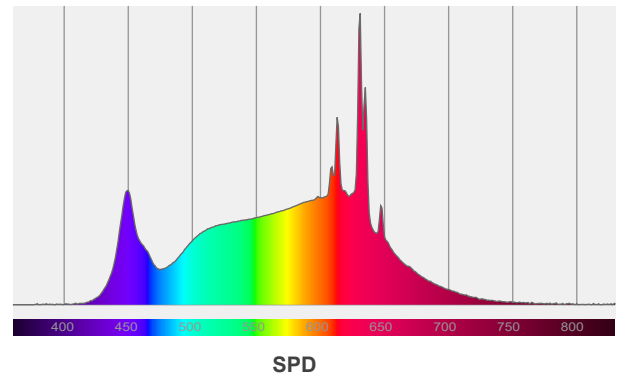
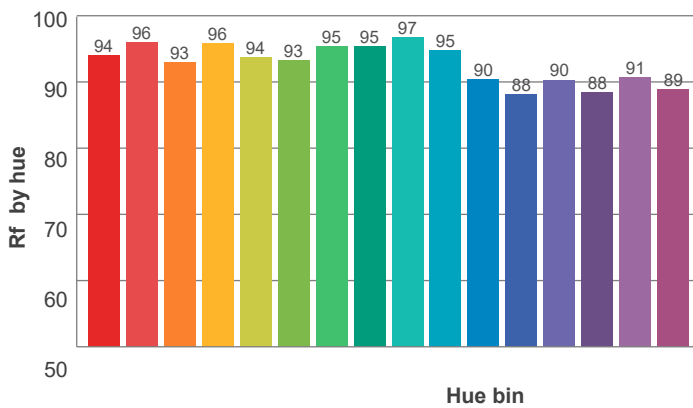
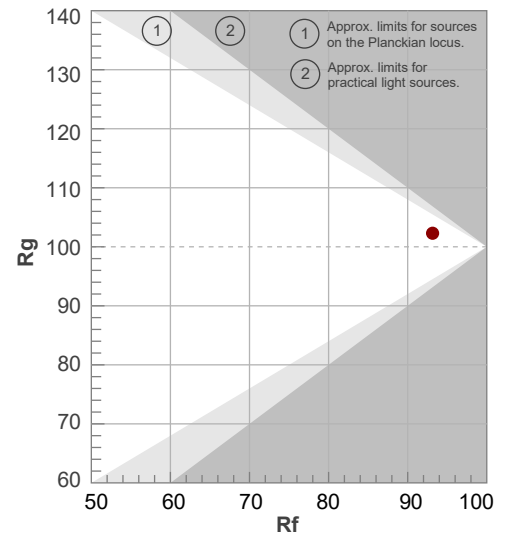


ANSI/IES TM-30-18

P: 2 / V: - / F: 2



| Hue Bin | R _f | Shifts (%) | |
|---------|----------------|------------|-----|
| | | Chroma | Hue |
| 1 | 94 | -3% | 0% |
| 2 | 96 | -1% | 1% |
| 3 | 93 | 0% | 3% |
| 4 | 96 | 0% | 1% |
| 5 | 94 | 0% | 2% |
| 6 | 93 | 4% | 1% |
| 7 | 95 | 1% | 0% |
| 8 | 95 | 2% | 0% |
| 9 | 97 | 1% | 1% |
| 10 | 95 | 0% | 3% |
| 11 | 90 | 3% | 5% |
| 12 | 88 | 5% | -1% |
| 13 | 90 | 3% | -6% |
| 14 | 88 | 5% | -8% |
| 15 | 91 | 1% | -6% |
| 16 | 89 | 0% | -7% |



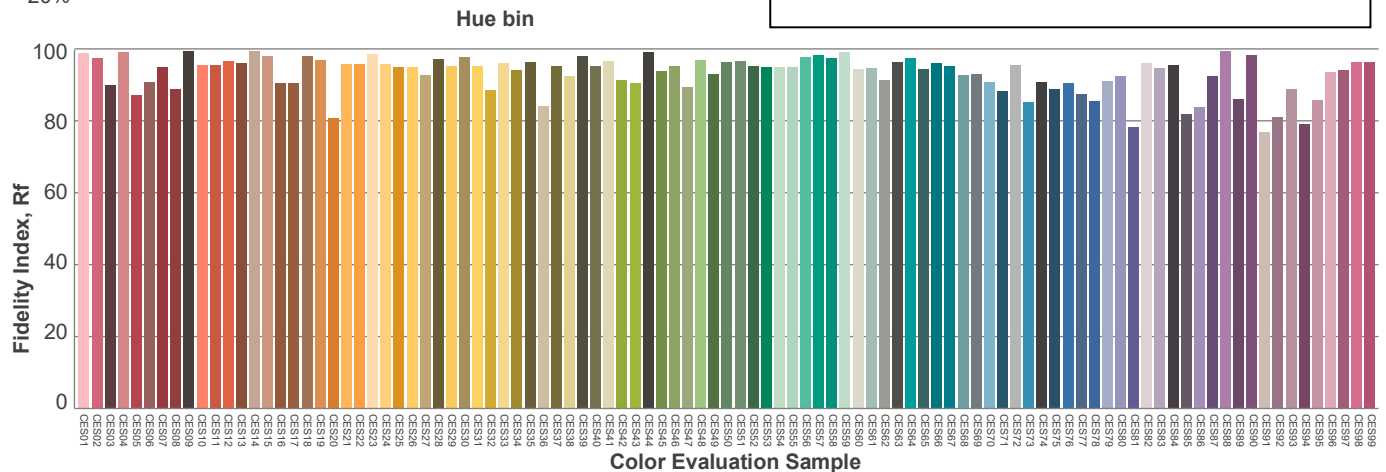
Red: 28.1%, Power=6.8mW

Blue: 11.7%, Power=9.9mW

Green: 28.9%, Power=20.9mW

UVA: 0%, Power=0.0mW

Dominant Wavelength: 584nm

1st Peak Wavelength: 631nm2nd Peak Wavelength: 613nm

Glare Evaluation According to UGR

| | | | | | | | | | | | |
|--|-----|---|------|------|------|------|---|------|------|------|------|
| p Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| p Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| p Floor | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Room size X Y | | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | |
| 2H | 2H | 25.9 | 27.1 | 26.1 | 27.4 | 27.6 | 25.9 | 27.1 | 26.1 | 27.4 | 27.6 |
| | 3H | 27.3 | 28.6 | 27.7 | 28.9 | 29.1 | 27.3 | 28.6 | 27.7 | 28.9 | 29.1 |
| | 4H | 28.0 | 29.2 | 28.4 | 29.4 | 29.7 | 28.0 | 29.2 | 28.4 | 29.4 | 29.7 |
| | 6H | 28.5 | 29.6 | 28.8 | 29.8 | 30.2 | 28.5 | 29.6 | 28.8 | 29.8 | 30.2 |
| | 8H | 28.6 | 29.7 | 29.0 | 30.0 | 30.4 | 28.6 | 29.7 | 29.0 | 30.0 | 30.4 |
| | 12H | 28.7 | 29.7 | 29.1 | 30.1 | 30.5 | 28.7 | 29.7 | 29.1 | 30.1 | 30.5 |
| 4H | 2H | 26.5 | 27.7 | 26.9 | 28.0 | 28.2 | 26.5 | 27.7 | 26.9 | 28.0 | 28.2 |
| | 3H | 28.3 | 29.3 | 28.6 | 29.6 | 30.0 | 28.3 | 29.3 | 28.6 | 29.6 | 30.0 |
| | 4H | 28.9 | 29.8 | 29.4 | 30.3 | 30.8 | 28.9 | 29.8 | 29.4 | 30.3 | 30.8 |
| | 6H | 29.5 | 30.4 | 30.0 | 30.8 | 31.1 | 29.5 | 30.4 | 30.0 | 30.8 | 31.1 |
| | 8H | 29.7 | 30.5 | 30.2 | 30.9 | 31.3 | 29.7 | 30.5 | 30.2 | 30.9 | 31.3 |
| | 12H | 29.9 | 30.5 | 30.4 | 31.0 | 31.4 | 29.9 | 30.5 | 30.4 | 31.0 | 31.4 |
| 8H | 4H | 29.2 | 30.0 | 29.7 | 30.4 | 30.8 | 29.2 | 30.0 | 29.7 | 30.4 | 30.8 |
| | 6H | 30.0 | 30.6 | 30.5 | 31.1 | 31.6 | 30.0 | 30.6 | 30.5 | 31.1 | 31.6 |
| | 8H | 30.3 | 30.8 | 30.8 | 31.3 | 32.0 | 30.3 | 30.8 | 30.8 | 31.3 | 32.0 |
| | 12H | 30.5 | 31.0 | 31.1 | 31.5 | 32.1 | 30.5 | 31.0 | 31.1 | 31.5 | 32.1 |
| 12H | 4H | 29.2 | 29.9 | 29.7 | 30.3 | 30.8 | 29.2 | 29.9 | 29.7 | 30.3 | 30.8 |
| | 6H | 30.1 | 30.6 | 30.6 | 31.1 | 31.8 | 30.1 | 30.6 | 30.6 | 31.1 | 31.8 |
| | 8H | 30.4 | 30.8 | 31.0 | 31.3 | 32.0 | 30.4 | 30.8 | 31.0 | 31.3 | 32.0 |
| Variation of the observer position for the luminaire distance S | | | | | | | | | | | |
| S = 1.0H | | 0.1 / -0.1 | | | | | 0.1 / -0.1 | | | | |
| S = 1.5H | | 0.1 / -0.2 | | | | | 0.1 / -0.2 | | | | |
| S = 2.0H | | 0.4 / -0.5 | | | | | 0.4 / -0.5 | | | | |
| Standard table | | n/a | | | | | n/a | | | | |
| Correction summand | | n/a | | | | | n/a | | | | |
| Corrected glare indices referring to 1666 lm total luminous flux | | | | | | | | | | | |