

Light efficiency:

88 Lumen/Watt

Color temperature:

3079 K

Light quality:

CRI:95.0, R_g:93.3, R_f:102.8

P: 2 / V: - / F: 2

Output: 859 lm

Peak: 318 cd

Power: 9.8 W

Voltage: 121 V

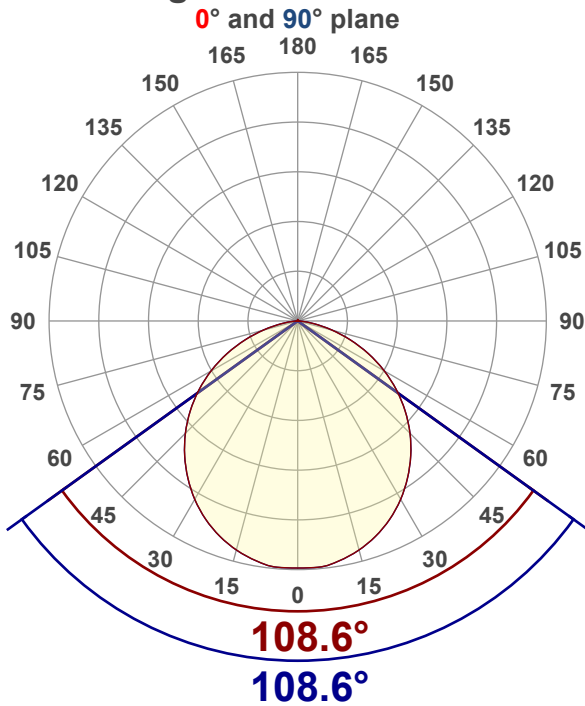
Current: 0.088 A

PF: 0.93

THD: 39.04 %



Angular Distribution



Product name:

SLMT4-DTW-10W

Test Date:

12/10/2025

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

108.6°

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

156.3°

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

169.7°

Beam Details

*measured at centre of beam

| Mounting Height (feet)\(meter) | Lux* | Footcandles* | Beam width (feet) / (meter) |
|-----------------------------------|--------|--------------|--------------------------------|
| 4 ft / 1.2 m | 214 lx | 20 fc | 11.1 ft / 3.4 m |
| 8 ft / 2.4 m | 54 lx | 5 fc | 22.3 ft / 6.8 m |
| 12 ft / 3.7 m | 24 lx | 2 fc | 33.4 ft / 10.2 m |
| 16 ft / 4.9 m | 13 lx | 1 fc | 44.5 ft / 13.6 m |
| 20 ft / 6.1 m | 9 lx | 1 fc | 55.6 ft / 17 m |

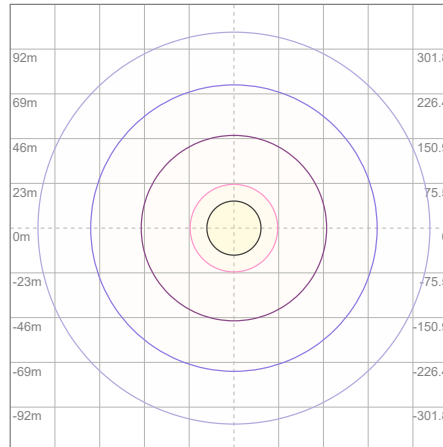
Beam center

Photometric Testing Report

Zonal Lumen Summary

| Zone | Lumen | %Luminaire |
|--------|-------|------------|
| 0-30 | 246 | 28.64% |
| 0-40 | 400 | 46.57% |
| 0-60 | 696 | 81.02% |
| 60-90 | 160 | 18.63% |
| 70-100 | 60.6 | 7.05% |
| 90-120 | 0.916 | 0.11% |
| 0-90 | 856 | 99.65% |
| 90-180 | 2.44 | 0.28% |
| 0-180 | 859 | 100.00% |

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

| | |
|----------------|----------|
| Lux at center: | 34 lx |
| 3% | 1.02 lx |
| 5% | 1.70 lx |
| 10% | 3.40 lx |
| 30% | 10.20 lx |
| 50% | 17.00 lx |

Conditions:

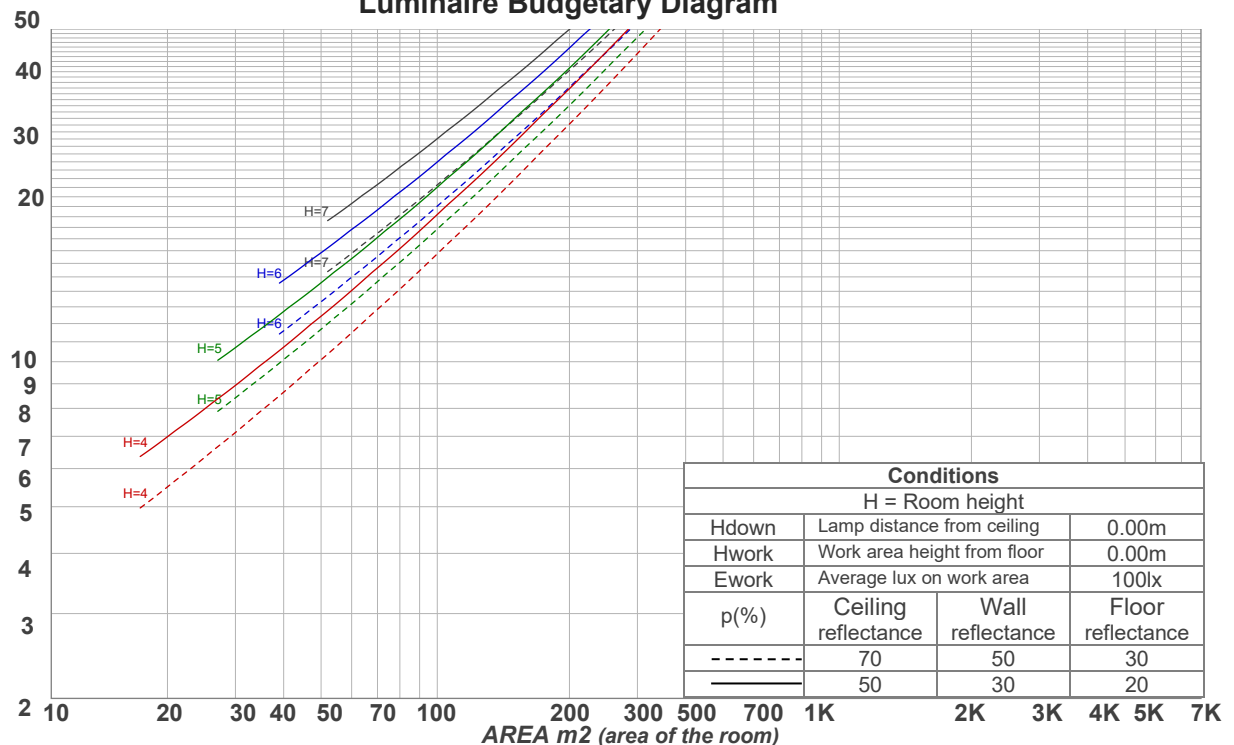
Number of planes: 4
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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 | 105 | 101 | 97 | 106 | 102 | 99 | 95 | 98 | 95 | 92 | 94 | 92 | 89 | 90 | 88 | 87 | 85 |
| 2 | 100 | 92 | 85 | 79 | 97 | 90 | 84 | 78 | 86 | 81 | 76 | 83 | 78 | 75 | 80 | 76 | 73 | 71 |
| 3 | 91 | 81 | 73 | 66 | 88 | 79 | 72 | 66 | 76 | 70 | 64 | 73 | 68 | 63 | 71 | 66 | 62 | 60 |
| 4 | 83 | 71 | 63 | 56 | 81 | 70 | 62 | 56 | 68 | 61 | 55 | 65 | 59 | 54 | 63 | 58 | 54 | 51 |
| 5 | 77 | 64 | 55 | 49 | 74 | 63 | 54 | 48 | 61 | 53 | 48 | 59 | 52 | 47 | 57 | 51 | 47 | 44 |
| 6 | 71 | 58 | 49 | 42 | 69 | 57 | 48 | 42 | 55 | 47 | 42 | 53 | 46 | 41 | 52 | 46 | 41 | 39 |
| 7 | 66 | 52 | 44 | 37 | 64 | 51 | 43 | 37 | 50 | 42 | 37 | 48 | 42 | 37 | 47 | 41 | 36 | 34 |
| 8 | 61 | 48 | 39 | 33 | 60 | 47 | 39 | 33 | 46 | 38 | 33 | 44 | 38 | 33 | 43 | 37 | 33 | 31 |
| 9 | 57 | 44 | 36 | 30 | 56 | 43 | 35 | 30 | 42 | 35 | 30 | 41 | 34 | 30 | 40 | 34 | 30 | 28 |
| 10 | 54 | 40 | 33 | 27 | 52 | 40 | 32 | 27 | 39 | 32 | 27 | 38 | 32 | 27 | 37 | 31 | 27 | 25 |

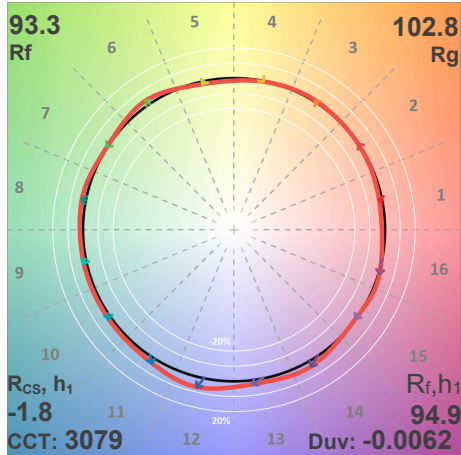
LAMPS (number of lamps)

Luminaire Budgetary Diagram

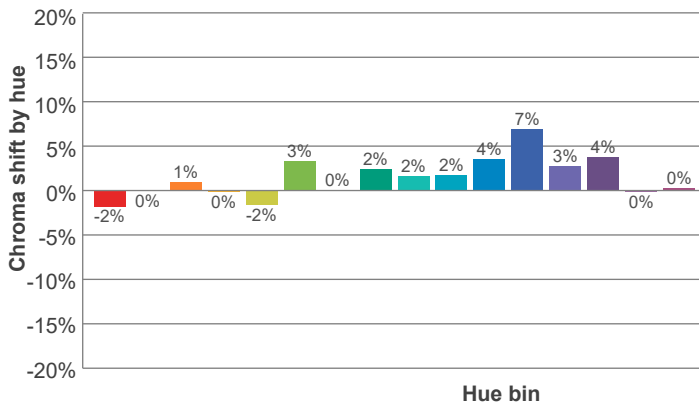
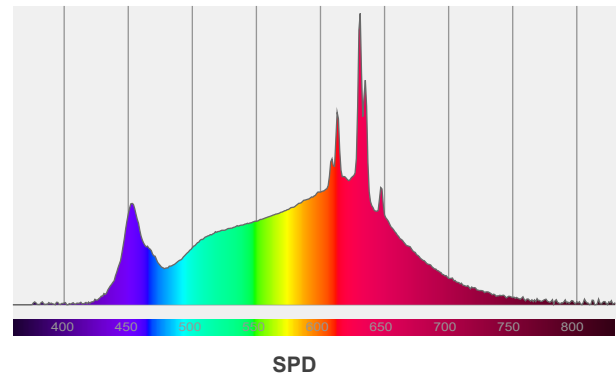
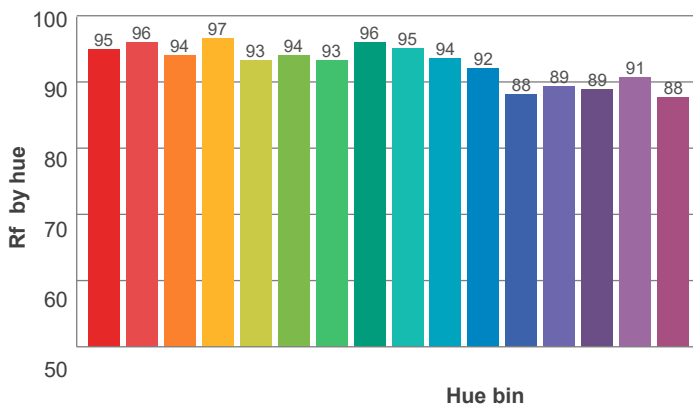
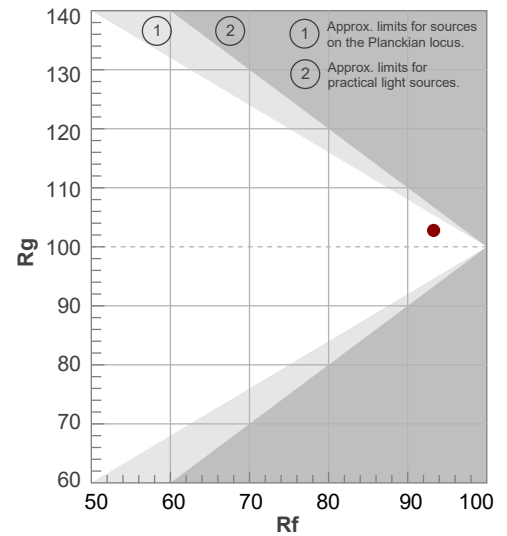


ANSI/IES TM-30-18

P: 2 / V: - / F: 2



| Hue Bin | R _f | Shifts (%) | |
|---------|----------------|------------|------|
| | | Chroma | Hue |
| 1 | 95 | -2% | 1% |
| 2 | 96 | 0% | 1% |
| 3 | 94 | 1% | 2% |
| 4 | 97 | 0% | 0% |
| 5 | 93 | -2% | 1% |
| 6 | 94 | 3% | 1% |
| 7 | 93 | 0% | 1% |
| 8 | 96 | 2% | 0% |
| 9 | 95 | 2% | 3% |
| 10 | 94 | 2% | 3% |
| 11 | 92 | 4% | 4% |
| 12 | 88 | 7% | -4% |
| 13 | 89 | 3% | -8% |
| 14 | 89 | 4% | -8% |
| 15 | 91 | 0% | -4% |
| 16 | 88 | 0% | -10% |



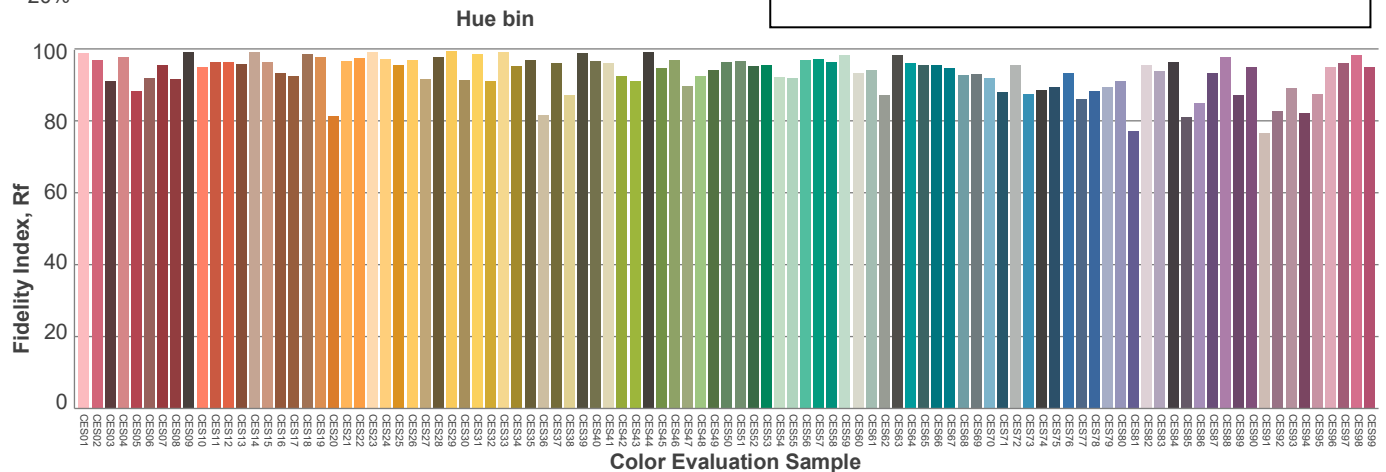
Red: 34.1%, Power=5.7mW

Blue: 11.4%, Power=6.2mW

Green: 25.3%, Power=10.2mW

UVA: 0.1%, Power=0.0mW

Dominant Wavelength: 586nm

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 | 27.4 | 28.6 | 27.6 | 28.9 | 29.1 | 27.4 | 28.6 | 27.6 | 28.9 | 29.1 |
| | 3H | 28.6 | 29.9 | 29.0 | 30.1 | 30.4 | 28.6 | 29.9 | 29.0 | 30.1 | 30.4 |
| | 4H | 29.1 | 30.3 | 29.5 | 30.5 | 30.8 | 29.1 | 30.3 | 29.5 | 30.5 | 30.8 |
| | 6H | 29.4 | 30.5 | 29.7 | 30.7 | 31.1 | 29.4 | 30.5 | 29.7 | 30.7 | 31.1 |
| | 8H | 29.5 | 30.5 | 29.8 | 30.8 | 31.2 | 29.5 | 30.5 | 29.8 | 30.8 | 31.2 |
| | 12H | 29.5 | 30.4 | 29.8 | 30.8 | 31.2 | 29.5 | 30.4 | 29.8 | 30.8 | 31.2 |
| 4H | 2H | 27.9 | 29.1 | 28.3 | 29.4 | 29.6 | 27.9 | 29.1 | 28.3 | 29.4 | 29.6 |
| | 3H | 29.5 | 30.4 | 29.9 | 30.8 | 31.2 | 29.5 | 30.4 | 29.9 | 30.8 | 31.2 |
| | 4H | 30.0 | 30.9 | 30.4 | 31.3 | 31.8 | 30.0 | 30.9 | 30.4 | 31.3 | 31.8 |
| | 6H | 30.3 | 31.2 | 30.8 | 31.5 | 31.9 | 30.3 | 31.2 | 30.8 | 31.5 | 31.9 |
| | 8H | 30.4 | 31.2 | 30.9 | 31.5 | 31.9 | 30.4 | 31.2 | 30.9 | 31.5 | 31.9 |
| | 12H | 30.4 | 31.1 | 30.9 | 31.5 | 32.0 | 30.4 | 31.1 | 30.9 | 31.5 | 32.0 |
| 8H | 4H | 30.2 | 30.9 | 30.7 | 31.3 | 31.7 | 30.2 | 30.9 | 30.7 | 31.3 | 31.7 |
| | 6H | 30.6 | 31.2 | 31.1 | 31.7 | 32.2 | 30.6 | 31.2 | 31.1 | 31.7 | 32.2 |
| | 8H | 30.8 | 31.3 | 31.3 | 31.8 | 32.5 | 30.8 | 31.3 | 31.3 | 31.8 | 32.5 |
| | 12H | 30.9 | 31.3 | 31.4 | 31.8 | 32.4 | 30.9 | 31.3 | 31.4 | 31.8 | 32.4 |
| 12H | 4H | 30.2 | 30.8 | 30.7 | 31.2 | 31.7 | 30.2 | 30.8 | 30.7 | 31.2 | 31.7 |
| | 6H | 30.7 | 31.2 | 31.2 | 31.7 | 32.3 | 30.7 | 31.2 | 31.2 | 31.7 | 32.3 |
| | 8H | 30.8 | 31.3 | 31.4 | 31.8 | 32.4 | 30.8 | 31.3 | 31.4 | 31.8 | 32.4 |
| Variation of the observer position for the luminaire distance S | | | | | | | | | | | |
| S = 1.0H | | 0.1 / -0.1 | | | | | 0.1 / -0.1 | | | | |
| S = 1.5H | | 0.2 / -0.4 | | | | | 0.2 / -0.4 | | | | |
| S = 2.0H | | 0.6 / -0.7 | | | | | 0.6 / -0.7 | | | | |
| Standard table | | n/a | | | | | n/a | | | | |
| Correction summand | | n/a | | | | | n/a | | | | |
| Corrected glare indices referring to 859 lm total luminous flux | | | | | | | | | | | |