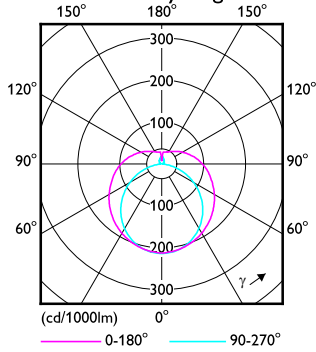


1 x TLED 18.9W 4000K 9290043519

1 x 3500 lm

Polar intensity diagram

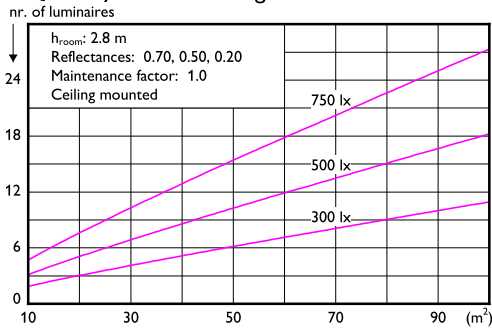


Light output ratio 1.00
 Service upward 0.23
 Service downward 0.77

CIE flux code 37 66 86 77 100

UGRcen (4Hx8H, 0.25H) 28

Quantity estimation diagram

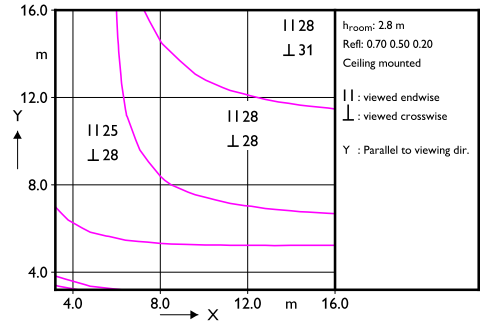


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) | | | | | | | | | | | | |
|--------------|---|------|------|---------------------|------|-----------|-----------|------|-----------|-----------|------|-----------|------|
| | 0.80 0.80 | | | 0.70 0.70 0.70 0.70 | | | 0.50 0.50 | | | 0.30 0.30 | | | 0.00 |
| | 0.80 | 0.50 | 0.30 | 0.50 | 0.50 | 0.50 0.30 | 0.30 | 0.10 | 0.30 0.10 | 0.10 | 0.10 | 0.10 0.10 | 0.00 |
| 0.60 | 0.41 | 0.39 | 0.39 | 0.38 | 0.37 | 0.30 | 0.28 | 0.23 | 0.26 | 0.22 | 0.18 | | |
| 0.80 | 0.50 | 0.47 | 0.48 | 0.47 | 0.45 | 0.38 | 0.35 | 0.30 | 0.33 | 0.28 | 0.24 | | |
| 1.00 | 0.58 | 0.54 | 0.56 | 0.54 | 0.52 | 0.44 | 0.41 | 0.36 | 0.38 | 0.34 | 0.29 | | |
| 1.25 | 0.66 | 0.61 | 0.63 | 0.61 | 0.58 | 0.51 | 0.47 | 0.42 | 0.44 | 0.40 | 0.34 | | |
| 1.50 | 0.73 | 0.66 | 0.69 | 0.66 | 0.63 | 0.56 | 0.52 | 0.47 | 0.48 | 0.44 | 0.38 | | |
| 2.00 | 0.82 | 0.73 | 0.78 | 0.74 | 0.70 | 0.64 | 0.59 | 0.55 | 0.55 | 0.51 | 0.45 | | |
| 2.50 | 0.89 | 0.78 | 0.84 | 0.79 | 0.75 | 0.69 | 0.64 | 0.60 | 0.60 | 0.56 | 0.49 | | |
| 3.00 | 0.93 | 0.82 | 0.88 | 0.83 | 0.78 | 0.73 | 0.68 | 0.64 | 0.63 | 0.60 | 0.52 | | |
| 4.00 | 1.00 | 0.86 | 0.94 | 0.88 | 0.83 | 0.78 | 0.73 | 0.70 | 0.67 | 0.65 | 0.57 | | |
| 5.00 | 1.04 | 0.89 | 0.98 | 0.91 | 0.86 | 0.82 | 0.76 | 0.73 | 0.70 | 0.68 | 0.60 | | |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0 | 15.0 | 30.0 | 45.0 | 60.0 | 75.0 | 90.0 |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0 | 21786 | 21728 | 22135 | 23042 | 24669 | 28196 | 34795 |
| 50.0 | 20855 | 20737 | 21057 | 21845 | 23251 | 26727 | 33828 |
| 55.0 | 20018 | 19856 | 20081 | 20707 | 21804 | 25113 | 32645 |
| 60.0 | 19273 | 19079 | 19207 | 19649 | 20376 | 23376 | 31158 |
| 65.0 | 18635 | 18355 | 18389 | 18718 | 18972 | 21466 | 29208 |
| 70.0 | 18146 | 17826 | 17769 | 17927 | 17699 | 19515 | 26760 |
| 75.0 | 17841 | 17544 | 17423 | 17387 | 16651 | 17540 | 23376 |
| 80.0 | 17681 | 17358 | 17166 | 16976 | 15735 | 15479 | 18401 |
| 85.0 | 17593 | 17148 | 16937 | 16852 | 15187 | 13797 | 11130 |
| 90.0 | 17635 | 17148 | 16896 | 16749 | 14996 | 13639 | 7925 |

(cd/m²)

2025-12-08