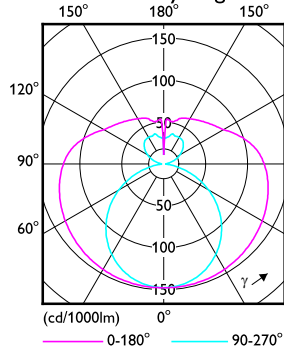


**1 x TLED 9W 4000K 9290043570**

1 x 900 lm

Polar intensity diagram

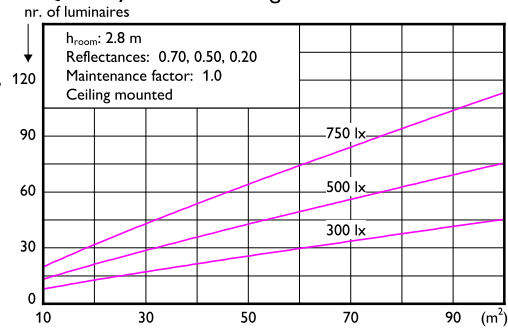


Light output ratio 1.00  
 Service upward 0.36  
 Service downward 0.64

CIE flux code 33 60 82 64 100

UGRcen (4Hx8H, 0.25H) 24

Quantity estimation diagram

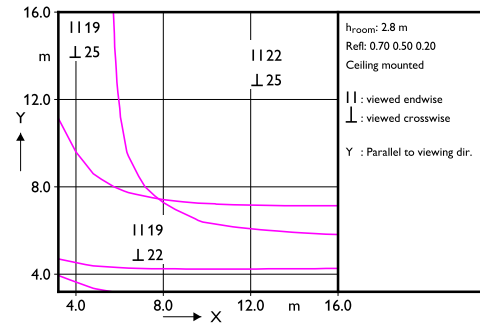


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |
|--------------|-------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80                                                        |      |      | 0.70 |      |      | 0.50 |      |      | 0.30 |      |      |
|              | 0.80                                                        | 0.50 | 0.30 | 0.80 | 0.50 | 0.30 | 0.80 | 0.50 | 0.30 | 0.80 | 0.50 | 0.30 |
| 0.60         | 0.38                                                        | 0.36 | 0.36 | 0.35 | 0.34 | 0.27 | 0.24 | 0.20 | 0.22 | 0.18 | 0.14 | 0.14 |
| 0.80         | 0.48                                                        | 0.45 | 0.45 | 0.43 | 0.42 | 0.35 | 0.31 | 0.26 | 0.27 | 0.23 | 0.18 | 0.18 |
| 1.00         | 0.55                                                        | 0.51 | 0.52 | 0.50 | 0.48 | 0.41 | 0.36 | 0.32 | 0.32 | 0.28 | 0.22 | 0.22 |
| 1.25         | 0.63                                                        | 0.58 | 0.59 | 0.57 | 0.54 | 0.47 | 0.42 | 0.37 | 0.37 | 0.33 | 0.26 | 0.26 |
| 1.50         | 0.69                                                        | 0.63 | 0.64 | 0.62 | 0.59 | 0.52 | 0.46 | 0.42 | 0.41 | 0.37 | 0.29 | 0.29 |
| 2.00         | 0.78                                                        | 0.70 | 0.73 | 0.69 | 0.66 | 0.59 | 0.53 | 0.49 | 0.47 | 0.43 | 0.34 | 0.34 |
| 2.50         | 0.84                                                        | 0.75 | 0.78 | 0.74 | 0.70 | 0.65 | 0.58 | 0.54 | 0.51 | 0.48 | 0.38 | 0.38 |
| 3.00         | 0.89                                                        | 0.78 | 0.83 | 0.78 | 0.74 | 0.68 | 0.61 | 0.57 | 0.54 | 0.51 | 0.41 | 0.41 |
| 4.00         | 0.95                                                        | 0.83 | 0.88 | 0.83 | 0.78 | 0.74 | 0.66 | 0.63 | 0.58 | 0.56 | 0.45 | 0.45 |
| 5.00         | 1.00                                                        | 0.86 | 0.92 | 0.86 | 0.81 | 0.77 | 0.69 | 0.66 | 0.61 | 0.59 | 0.48 | 0.48 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0  | 15.0 | 30.0 | 45.0 | 60.0 | 75.0 | 90.0 |
|------------|------|------|------|------|------|------|------|
| 45.0       | 5971 | 5806 | 5836 | 5799 | 5943 | 6670 | 7873 |
| 50.0       | 5919 | 5722 | 5733 | 5615 | 5672 | 6375 | 7620 |
| 55.0       | 5910 | 5678 | 5667 | 5460 | 5414 | 6058 | 7296 |
| 60.0       | 5942 | 5674 | 5643 | 5334 | 5168 | 5717 | 6891 |
| 65.0       | 6012 | 5712 | 5668 | 5251 | 4950 | 5343 | 6332 |
| 70.0       | 6127 | 5795 | 5742 | 5217 | 4779 | 4956 | 5598 |
| 75.0       | 6293 | 5929 | 5872 | 5250 | 4683 | 4581 | 4616 |
| 80.0       | 6516 | 6124 | 6074 | 5371 | 4702 | 4286 | 3327 |
| 85.0       | 6805 | 6387 | 6356 | 5604 | 4882 | 4260 | 1932 |
| 90.0       | 7163 | 6723 | 6731 | 5979 | 5293 | 4925 | 2598 |

(cd/m<sup>2</sup>)

s25100021c

2025-12-11