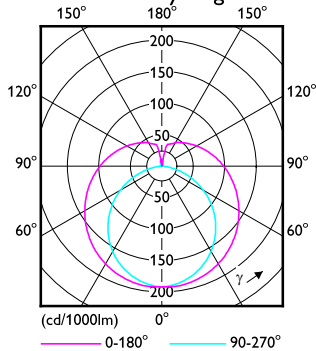


**1 x TLED 8.9W 3500K 9290030254**

1 x 1600 lm

Polar intensity diagram

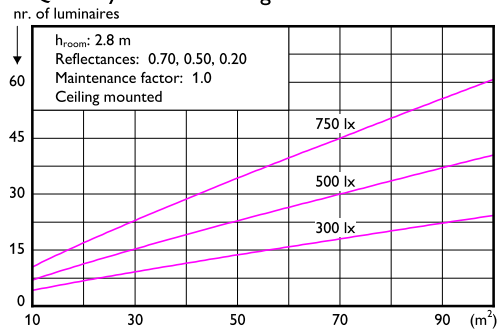


Light output ratio 1.00  
Service upward 0.26  
Service downward 0.74

CIE flux code 36 64 85 74 100

UGRcen (4Hx8H, 0.25H) 24

Quantity estimation diagram

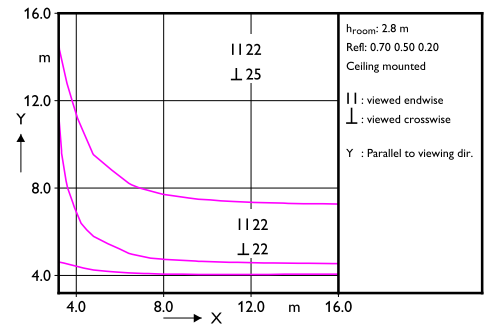


Utilisation factor table

| 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 |
|              | 0.10                                                        | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 |
| 0.60         | 0.40                                                        | 0.38 | 0.38 | 0.37 | 0.37 | 0.29 | 0.27 | 0.22 | 0.25 | 0.21 | 0.17 | 0.17 |
| 0.80         | 0.50                                                        | 0.47 | 0.47 | 0.46 | 0.45 | 0.37 | 0.34 | 0.29 | 0.31 | 0.27 | 0.22 | 0.22 |
| 1.00         | 0.58                                                        | 0.53 | 0.55 | 0.53 | 0.51 | 0.43 | 0.40 | 0.35 | 0.37 | 0.32 | 0.27 | 0.27 |
| 1.25         | 0.65                                                        | 0.60 | 0.62 | 0.60 | 0.57 | 0.50 | 0.46 | 0.41 | 0.42 | 0.38 | 0.32 | 0.32 |
| 1.50         | 0.72                                                        | 0.65 | 0.68 | 0.65 | 0.62 | 0.55 | 0.51 | 0.46 | 0.46 | 0.42 | 0.36 | 0.36 |
| 2.00         | 0.81                                                        | 0.72 | 0.76 | 0.73 | 0.69 | 0.63 | 0.58 | 0.53 | 0.53 | 0.49 | 0.42 | 0.42 |
| 2.50         | 0.87                                                        | 0.77 | 0.82 | 0.78 | 0.74 | 0.68 | 0.63 | 0.59 | 0.57 | 0.54 | 0.46 | 0.46 |
| 3.00         | 0.92                                                        | 0.81 | 0.87 | 0.82 | 0.77 | 0.72 | 0.66 | 0.63 | 0.61 | 0.58 | 0.50 | 0.50 |
| 4.00         | 0.99                                                        | 0.85 | 0.93 | 0.87 | 0.82 | 0.77 | 0.71 | 0.68 | 0.65 | 0.63 | 0.54 | 0.54 |
| 5.00         | 1.03                                                        | 0.88 | 0.96 | 0.90 | 0.84 | 0.81 | 0.74 | 0.71 | 0.68 | 0.66 | 0.57 | 0.57 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0  | 15.0 | 30.0 | 45.0 | 60.0 | 75.0 | 90.0 |
|------------|------|------|------|------|------|------|------|
| 45.0       | 6107 | 6023 | 6146 | 6272 | 6630 | 7466 | 8846 |
| 50.0       | 5880 | 5781 | 5899 | 5976 | 6291 | 7112 | 8564 |
| 55.0       | 5680 | 5569 | 5684 | 5705 | 5962 | 6736 | 8221 |
| 60.0       | 5508 | 5386 | 5499 | 5459 | 5652 | 6343 | 7809 |
| 65.0       | 5369 | 5235 | 5347 | 5246 | 5371 | 5926 | 7279 |
| 70.0       | 5262 | 5118 | 5233 | 5071 | 5127 | 5487 | 6584 |
| 75.0       | 5189 | 5036 | 5159 | 4942 | 4936 | 5057 | 5718 |
| 80.0       | 5154 | 4994 | 5129 | 4875 | 4834 | 4635 | 4381 |
| 85.0       | 5164 | 5000 | 5158 | 4885 | 4849 | 4384 | 2558 |
| 90.0       | 5232 | 5064 | 5254 | 4997 | 5038 | 4720 | 1137 |

(cd/m²)

s23030006h

2026-06-30