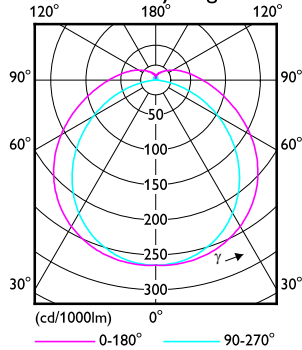


## 1 x TLED 8.9W 3500K 9290030254

1 x 1500 lm

Polar intensity diagram

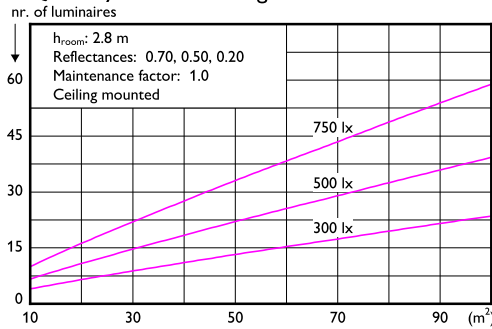


Light output ratio 1.02  
Service upward 0.12  
Service downward 0.90

CIE flux code 41 71 89 88 102

UGRcen (4Hx8H, 0.25H) 23

Quantity estimation diagram

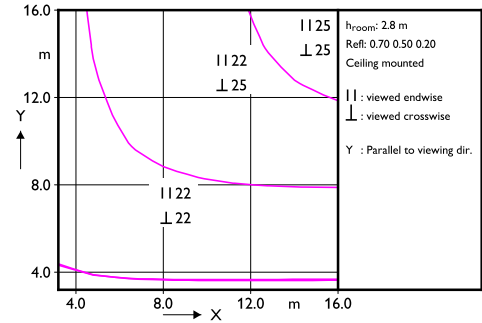


Utilisation factor table

| 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 | 0.00 |
| 0.60         | 0.80                                                        | 0.80 | 0.70 | 0.70 | 0.70 | 0.70 | 0.30 | 0.10 | 0.30 | 0.10 | 0.00 | 0.00 |
| 0.80         | 0.50                                                        | 0.50 | 0.30 | 0.20 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 1.00         | 0.63                                                        | 0.59 | 0.61 | 0.59 | 0.57 | 0.49 | 0.47 | 0.42 | 0.45 | 0.41 | 0.37 | 0.37 |
| 1.25         | 0.72                                                        | 0.66 | 0.69 | 0.66 | 0.64 | 0.56 | 0.54 | 0.49 | 0.52 | 0.47 | 0.43 | 0.43 |
| 1.50         | 0.78                                                        | 0.71 | 0.75 | 0.72 | 0.69 | 0.62 | 0.59 | 0.54 | 0.57 | 0.52 | 0.48 | 0.48 |
| 2.00         | 0.88                                                        | 0.78 | 0.84 | 0.80 | 0.76 | 0.70 | 0.67 | 0.62 | 0.64 | 0.60 | 0.55 | 0.55 |
| 2.50         | 0.94                                                        | 0.83 | 0.91 | 0.86 | 0.81 | 0.76 | 0.72 | 0.68 | 0.69 | 0.66 | 0.60 | 0.60 |
| 3.00         | 0.99                                                        | 0.87 | 0.95 | 0.90 | 0.85 | 0.80 | 0.76 | 0.72 | 0.73 | 0.69 | 0.64 | 0.64 |
| 4.00         | 1.06                                                        | 0.91 | 1.01 | 0.95 | 0.89 | 0.85 | 0.81 | 0.78 | 0.77 | 0.75 | 0.69 | 0.69 |
| 5.00         | 1.10                                                        | 0.94 | 1.05 | 0.98 | 0.92 | 0.88 | 0.84 | 0.81 | 0.80 | 0.78 | 0.72 | 0.72 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0  | 15.0 | 30.0 | 45.0 | 60.0 | 75.0 | 90.0  |
|------------|------|------|------|------|------|------|-------|
| 45.0       | 6485 | 6481 | 6707 | 6977 | 7538 | 8578 | 10284 |
| 50.0       | 6022 | 6015 | 6241 | 6476 | 7008 | 8048 | 9867  |
| 55.0       | 5563 | 5553 | 5775 | 5972 | 6468 | 7477 | 9376  |
| 60.0       | 5099 | 5090 | 5311 | 5463 | 5909 | 6856 | 8805  |
| 65.0       | 4643 | 4633 | 4851 | 4959 | 5354 | 6189 | 8115  |
| 70.0       | 4207 | 4197 | 4411 | 4479 | 4825 | 5473 | 7224  |
| 75.0       | 3813 | 3802 | 4009 | 4025 | 4299 | 4694 | 6071  |
| 80.0       | 3488 | 3470 | 3668 | 3631 | 3832 | 3901 | 4517  |
| 85.0       | 3203 | 3177 | 3366 | 3293 | 3445 | 3189 | 2338  |
| 90.0       | 2988 | 2956 | 3142 | 3045 | 3171 | 2938 | 157   |

(cd/m²)

2021-02-25