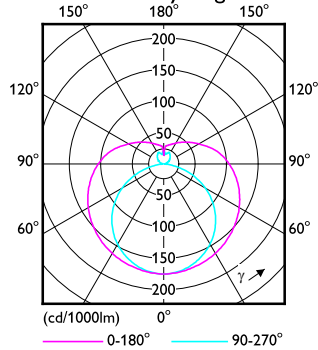


## 1 x TLED 25W 4000K 9290031225

1 x 3500 lm

Polar intensity diagram

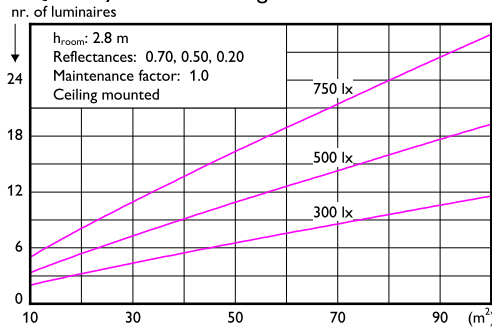


Light output ratio 0.97  
Service upward 0.26  
Service downward 0.71

CIE flux code 35 63 84 73 97

UGRcen (4Hx8H, 0.25H) 28

Quantity estimation diagram

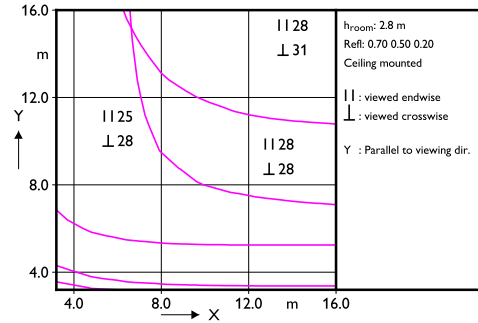


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |           |      |      |      |           |      |      |      |
|--------------|-------------------------------------------------------------|------|------|------|-----------|------|------|------|-----------|------|------|------|
|              | 0.80 0.80                                                   |      |      |      | 0.70 0.70 |      |      |      | 0.50 0.50 |      |      |      |
|              | 0.30                                                        | 0.10 | 0.30 | 0.10 | 0.30      | 0.10 | 0.30 | 0.10 | 0.30      | 0.10 | 0.30 | 0.10 |
| 0.60         | 0.38                                                        | 0.37 | 0.37 | 0.36 | 0.35      | 0.28 | 0.26 | 0.21 | 0.23      | 0.20 | 0.16 |      |
| 0.80         | 0.48                                                        | 0.45 | 0.45 | 0.44 | 0.43      | 0.35 | 0.32 | 0.28 | 0.30      | 0.25 | 0.21 |      |
| 1.00         | 0.55                                                        | 0.51 | 0.52 | 0.51 | 0.49      | 0.41 | 0.38 | 0.33 | 0.35      | 0.31 | 0.25 |      |
| 1.25         | 0.63                                                        | 0.58 | 0.59 | 0.57 | 0.55      | 0.48 | 0.44 | 0.39 | 0.40      | 0.36 | 0.30 |      |
| 1.50         | 0.69                                                        | 0.62 | 0.65 | 0.62 | 0.60      | 0.53 | 0.48 | 0.43 | 0.44      | 0.40 | 0.34 |      |
| 2.00         | 0.78                                                        | 0.70 | 0.73 | 0.70 | 0.66      | 0.60 | 0.55 | 0.51 | 0.50      | 0.47 | 0.40 |      |
| 2.50         | 0.84                                                        | 0.74 | 0.79 | 0.75 | 0.71      | 0.65 | 0.60 | 0.56 | 0.55      | 0.51 | 0.44 |      |
| 3.00         | 0.89                                                        | 0.78 | 0.83 | 0.79 | 0.74      | 0.69 | 0.63 | 0.60 | 0.58      | 0.55 | 0.47 |      |
| 4.00         | 0.95                                                        | 0.82 | 0.89 | 0.83 | 0.79      | 0.74 | 0.68 | 0.65 | 0.62      | 0.60 | 0.51 |      |
| 5.00         | 0.99                                                        | 0.85 | 0.93 | 0.87 | 0.81      | 0.77 | 0.71 | 0.68 | 0.65      | 0.63 | 0.54 |      |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 20963 | 20673 | 21093 | 21574 | 22866 | 26140 | 31503 |
| 50.0       | 20406 | 20050 | 20442 | 20742 | 21873 | 25147 | 30882 |
| 55.0       | 20004 | 19577 | 19937 | 20002 | 20892 | 24052 | 30045 |
| 60.0       | 19679 | 19191 | 19534 | 19345 | 19960 | 22851 | 28902 |
| 65.0       | 19461 | 18903 | 19224 | 18778 | 19105 | 21520 | 27278 |
| 70.0       | 19343 | 18728 | 19049 | 18315 | 18301 | 20035 | 25049 |
| 75.0       | 19325 | 18666 | 19014 | 18017 | 17685 | 18443 | 21762 |
| 80.0       | 19449 | 18724 | 19089 | 17892 | 17336 | 16858 | 16766 |
| 85.0       | 19741 | 18954 | 19367 | 18034 | 17366 | 15879 | 9912  |
| 90.0       | 20193 | 19376 | 19907 | 18536 | 17964 | 17071 | 5779  |

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

2021-11-11