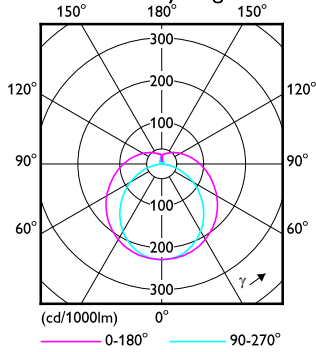


## 1 x TLED 18.5W 4000K 9290035966

1 x 2800 lm

Polar intensity diagram

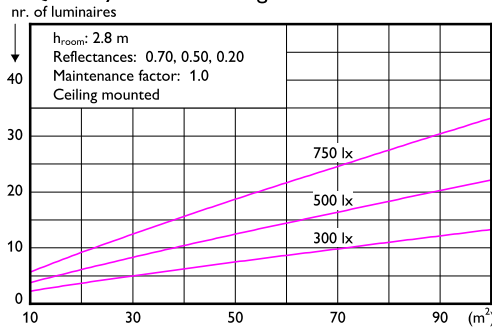


Light output ratio 1.01  
Service upward 0.20  
Service downward 0.81

CIE flux code 39 67 87 80 101

UGRcen (4Hx8H, 0.25H) 28

Quantity estimation diagram

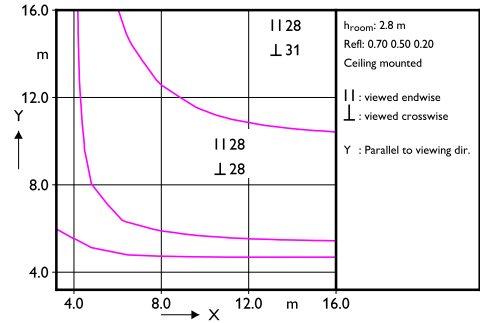


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------|-------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80                                                        |      |      |      | 0.70 |      |      |      | 0.50 |      |      |      | 0.30 |      |      |      |
|              | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.70 | 0.70 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 | 0.30 | 0.30 | 0.00 | 0.00 |
| 0.60         | 0.30                                                        | 0.10 | 0.30 | 0.20 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 0.80         | 0.42                                                        | 0.40 | 0.50 | 0.49 | 0.47 | 0.40 | 0.40 | 0.37 | 0.32 | 0.35 | 0.30 | 0.24 | 0.28 | 0.24 | 0.21 | 0.21 |
| 1.00         | 0.52                                                        | 0.49 | 0.58 | 0.56 | 0.54 | 0.46 | 0.46 | 0.43 | 0.38 | 0.41 | 0.36 | 0.32 | 0.35 | 0.30 | 0.26 | 0.26 |
| 1.25         | 0.60                                                        | 0.56 | 0.63 | 0.61 | 0.58 | 0.50 | 0.50 | 0.47 | 0.42 | 0.45 | 0.40 | 0.36 | 0.41 | 0.36 | 0.32 | 0.32 |
| 1.50         | 0.68                                                        | 0.63 | 0.71 | 0.68 | 0.65 | 0.58 | 0.58 | 0.54 | 0.49 | 0.51 | 0.47 | 0.41 | 0.46 | 0.42 | 0.37 | 0.37 |
| 2.00         | 0.75                                                        | 0.68 | 0.77 | 0.74 | 0.71 | 0.66 | 0.66 | 0.62 | 0.57 | 0.59 | 0.54 | 0.48 | 0.51 | 0.47 | 0.41 | 0.41 |
| 2.50         | 0.84                                                        | 0.75 | 0.86 | 0.81 | 0.77 | 0.72 | 0.72 | 0.67 | 0.63 | 0.63 | 0.59 | 0.53 | 0.58 | 0.54 | 0.48 | 0.48 |
| 3.00         | 0.91                                                        | 0.80 | 0.91 | 0.86 | 0.81 | 0.77 | 0.77 | 0.72 | 0.67 | 0.63 | 0.63 | 0.59 | 0.63 | 0.59 | 0.53 | 0.53 |
| 4.00         | 0.95                                                        | 0.84 | 0.95 | 0.89 | 0.84 | 0.79 | 0.79 | 0.74 | 0.69 | 0.69 | 0.63 | 0.56 | 0.66 | 0.63 | 0.56 | 0.56 |
| 5.00         | 1.02                                                        | 0.88 | 1.02 | 0.94 | 0.88 | 0.84 | 0.84 | 0.79 | 0.76 | 0.76 | 0.71 | 0.64 | 0.76 | 0.72 | 0.61 | 0.61 |
| 5.00         | 1.06                                                        | 0.91 | 1.06 | 0.94 | 0.88 | 0.84 | 0.84 | 0.79 | 0.76 | 0.76 | 0.71 | 0.64 | 0.74 | 0.71 | 0.64 | 0.64 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 26718 | 26111 | 26385 | 27614 | 29842 | 33667 | 39985 |
| 50.0       | 25360 | 24631 | 24800 | 25944 | 28019 | 31801 | 38481 |
| 55.0       | 24060 | 23209 | 23265 | 24308 | 26133 | 29729 | 36597 |
| 60.0       | 22866 | 21919 | 21888 | 22857 | 24371 | 27675 | 34620 |
| 65.0       | 21793 | 20734 | 20598 | 21469 | 22554 | 25357 | 32031 |
| 70.0       | 20864 | 19718 | 19508 | 20322 | 20899 | 23023 | 29058 |
| 75.0       | 20155 | 18935 | 18676 | 19479 | 19412 | 20544 | 25007 |
| 80.0       | 19579 | 18282 | 17980 | 18789 | 18064 | 18029 | 19653 |
| 85.0       | 19088 | 17724 | 17401 | 18262 | 16972 | 15744 | 11478 |
| 90.0       | 18838 | 17445 | 17170 | 18223 | 17047 | 16146 | 6496  |

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

2022-12-20