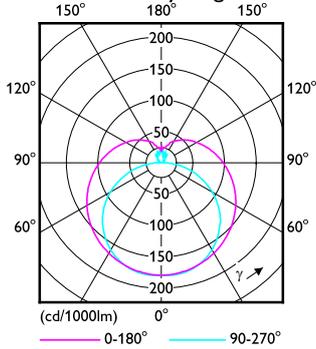


## 1 x TLED 8W 4000K 9290013995

1 x 1050 lm

Polar intensity diagram

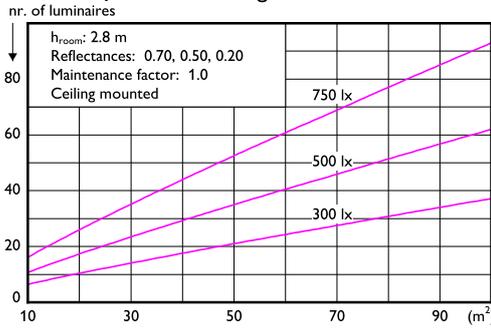


Light output ratio 1.00  
 Service upward 0.25  
 Service downward 0.75

CIE flux code 35 63 84 75 100

UGRcen (4Hx8H, 0.25H) 26

Quantity estimation diagram

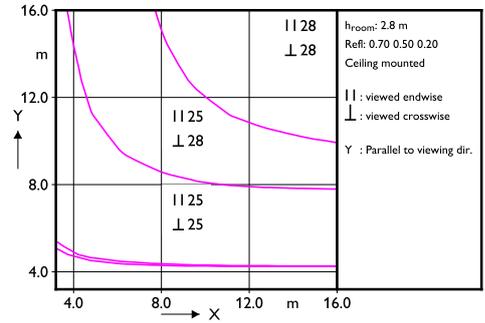


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------|---|------|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80  |      |      | 0.70 |      |      | 0.50 |      |      | 0.30 |      |      | 0.00 |
|              | 0.80  | 0.50 | 0.30 | 0.80 | 0.50 | 0.30 | 0.80 | 0.50 | 0.30 | 0.80 | 0.50 | 0.30 | 0.00 |
| 0.60         | 0.40  | 0.38 | 0.38 | 0.37 | 0.36 | 0.29 | 0.27 | 0.22 | 0.25 | 0.20 | 0.17 |      |      |
| 0.80         | 0.49  | 0.46 | 0.47 | 0.46 | 0.44 | 0.36 | 0.34 | 0.29 | 0.31 | 0.27 | 0.22 |      |      |
| 1.00         | 0.57  | 0.53 | 0.54 | 0.52 | 0.51 | 0.43 | 0.40 | 0.34 | 0.36 | 0.32 | 0.27 |      |      |
| 1.25         | 0.65  | 0.60 | 0.62 | 0.59 | 0.57 | 0.49 | 0.46 | 0.40 | 0.42 | 0.37 | 0.32 |      |      |
| 1.50         | 0.71  | 0.65 | 0.67 | 0.64 | 0.62 | 0.54 | 0.50 | 0.45 | 0.46 | 0.42 | 0.36 |      |      |
| 2.00         | 0.81  | 0.72 | 0.76 | 0.72 | 0.69 | 0.62 | 0.57 | 0.53 | 0.53 | 0.49 | 0.42 |      |      |
| 2.50         | 0.87  | 0.77 | 0.82 | 0.78 | 0.74 | 0.68 | 0.62 | 0.58 | 0.57 | 0.54 | 0.46 |      |      |
| 3.00         | 0.92  | 0.80 | 0.86 | 0.81 | 0.77 | 0.72 | 0.66 | 0.62 | 0.61 | 0.57 | 0.50 |      |      |
| 4.00         | 0.98  | 0.85 | 0.92 | 0.86 | 0.81 | 0.77 | 0.71 | 0.68 | 0.65 | 0.62 | 0.54 |      |      |
| 5.00         | 1.02  | 0.88 | 0.96 | 0.90 | 0.84 | 0.80 | 0.74 | 0.71 | 0.68 | 0.66 | 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       | 12566 | 12626 | 13135 | 13709 | 14861 | 17281 | 21199 |
| 50.0       | 12170 | 12193 | 12688 | 13170 | 14257 | 16762 | 21080 |
| 55.0       | 11845 | 11818 | 12285 | 12663 | 13664 | 16202 | 20909 |
| 60.0       | 11567 | 11496 | 11944 | 12199 | 13086 | 15603 | 20693 |
| 65.0       | 11351 | 11235 | 11661 | 11779 | 12528 | 14953 | 20419 |
| 70.0       | 11199 | 11037 | 11447 | 11418 | 12013 | 14267 | 20106 |
| 75.0       | 11110 | 10900 | 11297 | 11121 | 11562 | 13596 | 19972 |
| 80.0       | 11099 | 10843 | 11238 | 10926 | 11227 | 12850 | 19707 |
| 85.0       | 11182 | 10881 | 11289 | 10902 | 11173 | 12246 | 20158 |
| 90.0       | 11389 | 11047 | 11492 | 11021 | 11273 | 11934 | 34920 |

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

s23120014g

2026-03-04