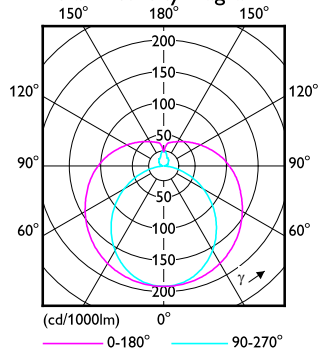


## 1 x TLED 16W 6500K 9290031306

1 x 1600 lm

Polar intensity diagram

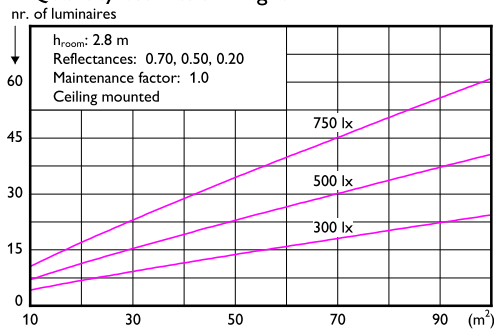


Light output ratio 1.00  
Service upward 0.27  
Service downward 0.73

CIE flux code 36 64 85 73 100

UGRcen (4Hx8H, 0.25H) 23

Quantity estimation diagram

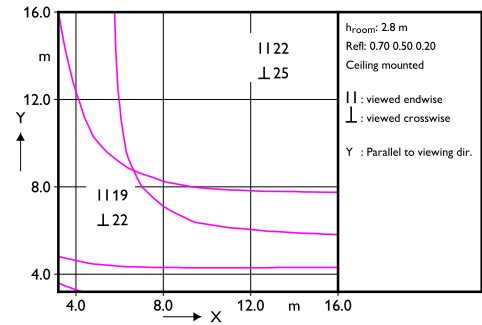


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |
|--------------|---|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80  |      |      | 0.70 |      |      | 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 |
| 0.60         | 0.40  | 0.38 | 0.30 | 0.38 | 0.37 | 0.36 | 0.29 | 0.27 | 0.22 | 0.25 | 0.21 | 0.17 |
| 0.80         | 0.50  | 0.47 | 0.47 | 0.46 | 0.44 | 0.37 | 0.34 | 0.29 | 0.31 | 0.27 | 0.22 | 0.22 |
| 1.00         | 0.58  | 0.53 | 0.54 | 0.53 | 0.51 | 0.43 | 0.40 | 0.35 | 0.36 | 0.32 | 0.27 | 0.27 |
| 1.25         | 0.65  | 0.60 | 0.62 | 0.59 | 0.57 | 0.50 | 0.46 | 0.41 | 0.42 | 0.38 | 0.31 | 0.31 |
| 1.50         | 0.72  | 0.65 | 0.67 | 0.65 | 0.62 | 0.55 | 0.50 | 0.45 | 0.46 | 0.42 | 0.35 | 0.35 |
| 2.00         | 0.81  | 0.72 | 0.76 | 0.72 | 0.69 | 0.63 | 0.57 | 0.53 | 0.52 | 0.49 | 0.41 | 0.41 |
| 2.50         | 0.87  | 0.77 | 0.82 | 0.78 | 0.74 | 0.68 | 0.62 | 0.58 | 0.57 | 0.54 | 0.46 | 0.46 |
| 3.00         | 0.92  | 0.81 | 0.86 | 0.81 | 0.77 | 0.72 | 0.66 | 0.62 | 0.60 | 0.57 | 0.49 | 0.49 |
| 4.00         | 0.98  | 0.85 | 0.92 | 0.86 | 0.81 | 0.77 | 0.71 | 0.67 | 0.65 | 0.62 | 0.53 | 0.53 |
| 5.00         | 1.02  | 0.88 | 0.96 | 0.90 | 0.84 | 0.80 | 0.74 | 0.71 | 0.68 | 0.65 | 0.56 | 0.56 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0  | 15.0 | 30.0 | 45.0 | 60.0 | 75.0 | 90.0 |
|------------|------|------|------|------|------|------|------|
| 45.0       | 5495 | 5468 | 5447 | 5497 | 5709 | 6300 | 7671 |
| 50.0       | 5311 | 5269 | 5221 | 5228 | 5376 | 5902 | 7379 |
| 55.0       | 5150 | 5100 | 5022 | 4979 | 5040 | 5471 | 7030 |
| 60.0       | 5020 | 4962 | 4863 | 4765 | 4725 | 5031 | 6648 |
| 65.0       | 4911 | 4859 | 4728 | 4578 | 4434 | 4555 | 6150 |
| 70.0       | 4839 | 4789 | 4637 | 4441 | 4198 | 4074 | 5569 |
| 75.0       | 4821 | 4766 | 4602 | 4378 | 4019 | 3590 | 4802 |
| 80.0       | 4838 | 4777 | 4625 | 4362 | 3914 | 3130 | 3678 |
| 85.0       | 4876 | 4794 | 4658 | 4416 | 3899 | 2819 | 2103 |
| 90.0       | 4958 | 4875 | 4734 | 4500 | 4022 | 2845 | 1531 |

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

2021-06-10