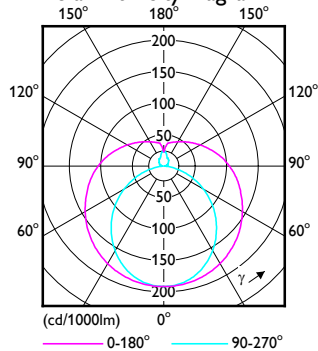


**1 x TLED 14W 3500K 240D 9290013431**

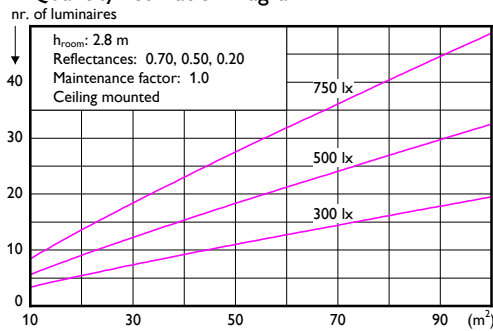
1 x 2000 lm

**Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.27  
 Service downward 0.73

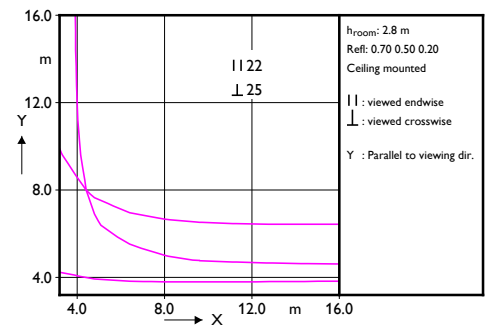
CIE flux code 36 64 85 73 100

UGRcen (4Hx8H, 0.25H) 24

**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 | 0.38 | 0.37 | 0.36 | 0.29 | 0.27 | 0.22 | 0.25 | 0.21 | 0.17 | 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       | 6869 | 6834 | 6808 | 6870 | 7138 | 7877 | 9589 |
| 50.0       | 6639 | 6587 | 6526 | 6535 | 6721 | 7377 | 9224 |
| 55.0       | 6437 | 6376 | 6278 | 6221 | 6300 | 6839 | 8785 |
| 60.0       | 6275 | 6200 | 6080 | 5955 | 5907 | 6285 | 8309 |
| 65.0       | 6141 | 6073 | 5911 | 5722 | 5545 | 5693 | 7690 |
| 70.0       | 6051 | 5986 | 5796 | 5550 | 5247 | 5090 | 6955 |
| 75.0       | 6027 | 5959 | 5753 | 5472 | 5023 | 4493 | 6004 |
| 80.0       | 6048 | 5970 | 5781 | 5453 | 4892 | 3918 | 4599 |
| 85.0       | 6096 | 5992 | 5825 | 5522 | 4869 | 3525 | 2619 |
| 90.0       | 6196 | 6095 | 5916 | 5621 | 5029 | 3556 | 1944 |

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

2017-03-22