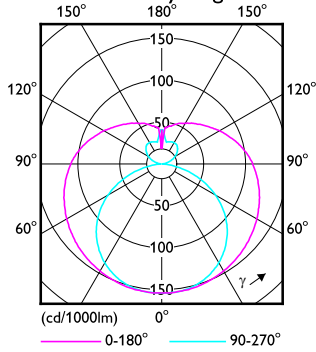


**1 x TLED 14.5W 3500K 9290035247**

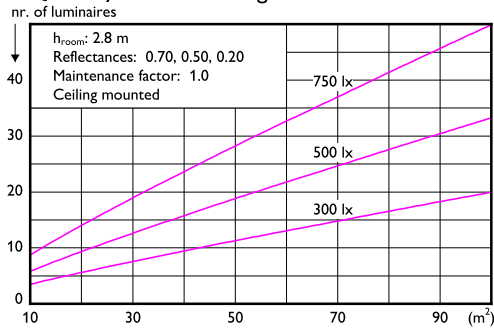
1 x 2000 lm

**Polar intensity diagram**

Light output ratio 1.01  
 Service upward 0.33  
 Service downward 0.68

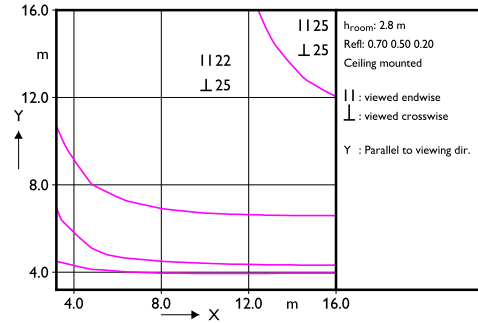
CIE flux code 33 61 83 67 101

UGRcen (4Hx8H, 0.25H) 24

**Quantity estimation diagram****Utilisation factor table**

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |
|--------------|-------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80                                                        | 0.80 | 0.70 | 0.70 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 | 0.00 | 0.00 |
| 0.60         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 0.80         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 1.00         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 1.25         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 1.50         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 2.00         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 2.50         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 3.00         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 4.00         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 5.00         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |

Ceiling mounted

**UGR diagram****Luminance Table**

| Plane Cone | 0.0  | 15.0 | 30.0 | 45.0 | 60.0 | 75.0 | 90.0  |
|------------|------|------|------|------|------|------|-------|
| 45.0       | 6593 | 6557 | 6750 | 6959 | 7443 | 8473 | 10162 |
| 50.0       | 6469 | 6420 | 6616 | 6752 | 7170 | 8211 | 10035 |
| 55.0       | 6409 | 6327 | 6504 | 6564 | 6906 | 7909 | 9813  |
| 60.0       | 6371 | 6258 | 6421 | 6391 | 6638 | 7555 | 9473  |
| 65.0       | 6369 | 6242 | 6411 | 6274 | 6401 | 7165 | 8986  |
| 70.0       | 6434 | 6273 | 6432 | 6197 | 6212 | 6729 | 8246  |
| 75.0       | 6542 | 6349 | 6502 | 6174 | 6084 | 6300 | 7304  |
| 80.0       | 6696 | 6484 | 6654 | 6243 | 6062 | 5853 | 5682  |
| 85.0       | 6901 | 6677 | 6884 | 6427 | 6223 | 5626 | 3270  |
| 90.0       | 7218 | 6961 | 7194 | 6754 | 6652 | 6229 | 1400  |

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

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