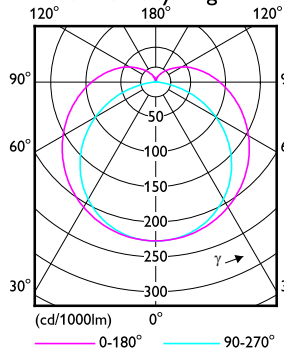


**1 x TLED 20W 6500K 9290042423**

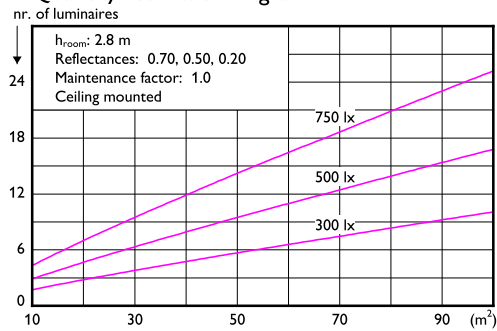
1 x 3700 lm

**Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.16  
 Service downward 0.84

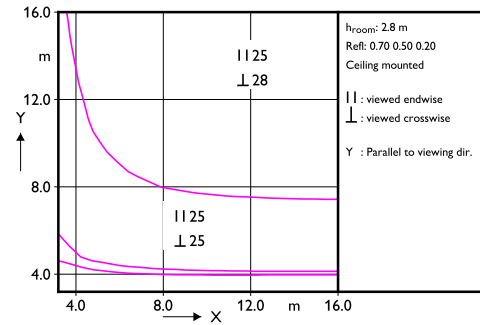
CIE flux code 38 66 87 84 100

UGRcen (4Hx8H, 0.25H) 26

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

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |           |           |                     |           |           |           |           |           |           |           |      |
|--------------|-------------------------------------------------------------|-----------|-----------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|
|              | 0.80 0.80                                                   |           |           | 0.70 0.70 0.70 0.70 |           |           | 0.50 0.50 |           |           | 0.30 0.30 |           |      |
|              | 0.50 0.50                                                   | 0.30 0.10 | 0.30 0.10 | 0.50 0.50           | 0.30 0.10 | 0.30 0.10 | 0.30 0.10 | 0.50 0.50 | 0.30 0.10 | 0.30 0.10 | 0.30 0.10 | 0.00 |
| 0.60         | 0.42                                                        | 0.40      | 0.40      | 0.40                | 0.40      | 0.39      | 0.31      | 0.30      | 0.25      | 0.28      | 0.24      | 0.21 |
| 0.80         | 0.52                                                        | 0.48      | 0.50      | 0.48                | 0.47      | 0.39      |           | 0.37      | 0.32      | 0.35      | 0.30      | 0.27 |
| 1.00         | 0.60                                                        | 0.55      | 0.57      | 0.55                | 0.54      | 0.46      |           | 0.43      | 0.38      | 0.41      | 0.36      | 0.32 |
| 1.25         | 0.68                                                        | 0.62      | 0.65      | 0.62                | 0.60      | 0.52      |           | 0.50      | 0.44      | 0.47      | 0.42      | 0.38 |
| 1.50         | 0.74                                                        | 0.67      | 0.71      | 0.68                | 0.65      | 0.58      |           | 0.54      | 0.49      | 0.51      | 0.47      | 0.42 |
| 2.00         | 0.83                                                        | 0.75      | 0.80      | 0.76                | 0.72      | 0.66      |           | 0.62      | 0.57      | 0.59      | 0.55      | 0.49 |
| 2.50         | 0.90                                                        | 0.80      | 0.86      | 0.81                | 0.77      | 0.71      |           | 0.67      | 0.63      | 0.64      | 0.60      | 0.54 |
| 3.00         | 0.95                                                        | 0.83      | 0.90      | 0.85                | 0.81      | 0.75      |           | 0.71      | 0.67      | 0.67      | 0.64      | 0.58 |
| 4.00         | 1.01                                                        | 0.88      | 0.96      | 0.90                | 0.85      | 0.81      |           | 0.76      | 0.73      | 0.72      | 0.69      | 0.63 |
| 5.00         | 1.06                                                        | 0.91      | 1.00      | 0.94                | 0.88      | 0.84      |           | 0.79      | 0.77      | 0.75      | 0.73      | 0.66 |

Ceiling mounted

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

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 12720 | 12806 | 13162 | 13805 | 14960 | 17012 | 20921 |
| 50.0       | 12114 | 12193 | 12510 | 13087 | 14151 | 16178 | 20446 |
| 55.0       | 11557 | 11621 | 11897 | 12390 | 13293 | 15241 | 19831 |
| 60.0       | 11046 | 11091 | 11327 | 11725 | 12476 | 14190 | 19010 |
| 65.0       | 10572 | 10612 | 10800 | 11099 | 11647 | 12992 | 17887 |
| 70.0       | 10151 | 10164 | 10327 | 10510 | 10823 | 11664 | 16407 |
| 75.0       | 9776  | 9776  | 9894  | 9976  | 10043 | 10218 | 14136 |
| 80.0       | 9460  | 9445  | 9539  | 9514  | 9364  | 8661  | 10796 |
| 85.0       | 9206  | 9177  | 9241  | 9144  | 8809  | 7263  | 6128  |
| 90.0       | 9022  | 8983  | 9029  | 8915  | 8428  | 6453  | 422   |

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

2024-11-29