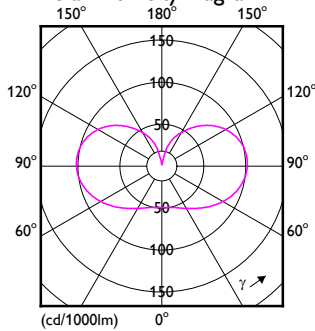
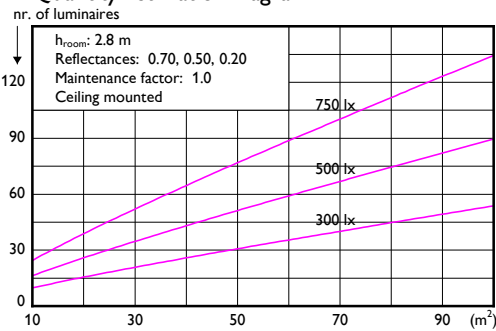


**1 x 9290037444 2700K 5W****1 x 850 lm****Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.49  
 Service downward 0.51

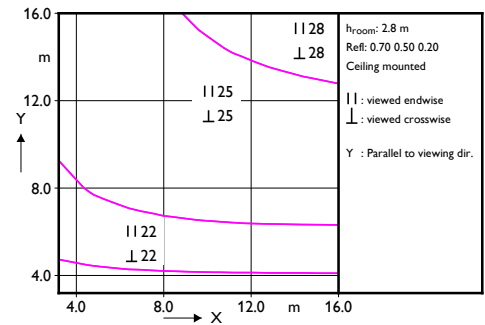
CIE flux code 18 41 69 51 100

UGRcen (4Hx8H, 0.25H) 25

**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 |      |      |      | 0.50 0.50 |      |      |      |
|              | 0.80                                                        | 0.50 | 0.30 | 0.10 | 0.70      | 0.50 | 0.30 | 0.10 | 0.50      | 0.30 | 0.10 | 0.00 |
| 0.60         | 0.33                                                        | 0.32 | 0.30 | 0.30 | 0.29      | 0.22 | 0.18 | 0.14 | 0.15      | 0.11 | 0.06 | 0.00 |
| 0.80         | 0.42                                                        | 0.39 | 0.38 | 0.37 | 0.36      | 0.28 | 0.24 | 0.19 | 0.19      | 0.15 | 0.08 | 0.00 |
| 1.00         | 0.49                                                        | 0.46 | 0.45 | 0.43 | 0.42      | 0.34 | 0.28 | 0.23 | 0.23      | 0.19 | 0.11 | 0.00 |
| 1.25         | 0.56                                                        | 0.52 | 0.51 | 0.49 | 0.47      | 0.40 | 0.33 | 0.28 | 0.27      | 0.23 | 0.13 | 0.00 |
| 1.50         | 0.62                                                        | 0.56 | 0.56 | 0.54 | 0.52      | 0.44 | 0.37 | 0.32 | 0.30      | 0.26 | 0.16 | 0.00 |
| 2.00         | 0.71                                                        | 0.63 | 0.64 | 0.61 | 0.58      | 0.51 | 0.43 | 0.38 | 0.35      | 0.31 | 0.20 | 0.00 |
| 2.50         | 0.77                                                        | 0.68 | 0.70 | 0.66 | 0.63      | 0.56 | 0.48 | 0.43 | 0.39      | 0.35 | 0.23 | 0.00 |
| 3.00         | 0.82                                                        | 0.72 | 0.74 | 0.70 | 0.66      | 0.60 | 0.51 | 0.47 | 0.42      | 0.39 | 0.26 | 0.00 |
| 4.00         | 0.89                                                        | 0.77 | 0.80 | 0.75 | 0.71      | 0.66 | 0.56 | 0.52 | 0.46      | 0.43 | 0.29 | 0.00 |
| 5.00         | 0.93                                                        | 0.80 | 0.84 | 0.79 | 0.74      | 0.69 | 0.59 | 0.56 | 0.49      | 0.46 | 0.32 | 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       | 8464  | 7405  | 6865  | 6698 | 6865  | 7405  | 8464  |
| 50.0       | 8858  | 7690  | 7101  | 6921 | 7101  | 7690  | 8858  |
| 55.0       | 9320  | 8031  | 7388  | 7192 | 7388  | 8031  | 9320  |
| 60.0       | 9832  | 8411  | 7710  | 7497 | 7710  | 8411  | 9832  |
| 65.0       | 10395 | 8829  | 8065  | 7833 | 8065  | 8829  | 10395 |
| 70.0       | 10988 | 9265  | 8433  | 8182 | 8433  | 9265  | 10988 |
| 75.0       | 11617 | 9722  | 8818  | 8547 | 8818  | 9722  | 11617 |
| 80.0       | 12273 | 10192 | 9211  | 8918 | 9211  | 10192 | 12273 |
| 85.0       | 12967 | 10681 | 9615  | 9299 | 9615  | 10681 | 12967 |
| 90.0       | 13692 | 11180 | 10023 | 9682 | 10023 | 11180 | 13692 |

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

2024-10-24