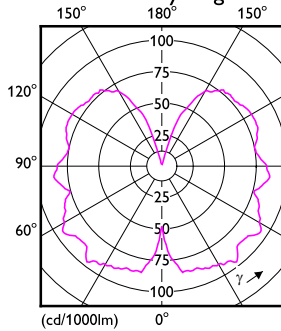
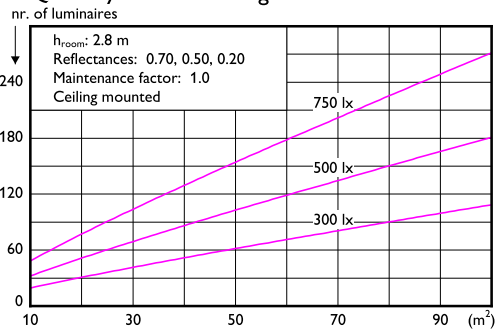


**1 x 9290029869 6.5W 2000K****1 x 400 lm****Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.46  
 Service downward 0.54

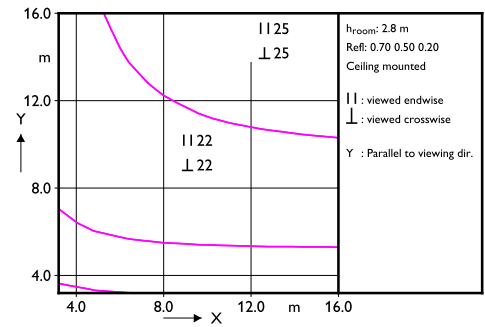
CIE flux code 26 52 76 54 100

UGRcen (4Hx8H, 0.25H) 22

**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         | 0.36                                                        | 0.34 | 0.33 | 0.32 | 0.31 | 0.24 | 0.21 | 0.16 | 0.17 | 0.14 | 0.09 | 0.09 |
| 0.80         | 0.45                                                        | 0.42 | 0.41 | 0.40 | 0.39 | 0.31 | 0.27 | 0.22 | 0.22 | 0.19 | 0.12 | 0.12 |
| 1.00         | 0.52                                                        | 0.48 | 0.48 | 0.46 | 0.45 | 0.37 | 0.32 | 0.27 | 0.27 | 0.23 | 0.15 | 0.15 |
| 1.25         | 0.60                                                        | 0.55 | 0.55 | 0.53 | 0.51 | 0.43 | 0.37 | 0.32 | 0.31 | 0.27 | 0.18 | 0.18 |
| 1.50         | 0.65                                                        | 0.59 | 0.60 | 0.57 | 0.55 | 0.48 | 0.41 | 0.36 | 0.34 | 0.31 | 0.21 | 0.21 |
| 2.00         | 0.74                                                        | 0.66 | 0.68 | 0.65 | 0.62 | 0.55 | 0.47 | 0.43 | 0.40 | 0.36 | 0.25 | 0.25 |
| 2.50         | 0.81                                                        | 0.71 | 0.74 | 0.70 | 0.66 | 0.60 | 0.52 | 0.48 | 0.44 | 0.40 | 0.29 | 0.29 |
| 3.00         | 0.85                                                        | 0.75 | 0.78 | 0.73 | 0.69 | 0.64 | 0.55 | 0.51 | 0.46 | 0.43 | 0.31 | 0.31 |
| 4.00         | 0.92                                                        | 0.79 | 0.84 | 0.78 | 0.74 | 0.69 | 0.60 | 0.56 | 0.50 | 0.48 | 0.35 | 0.35 |
| 5.00         | 0.96                                                        | 0.82 | 0.87 | 0.82 | 0.77 | 0.73 | 0.63 | 0.60 | 0.53 | 0.51 | 0.37 | 0.37 |

Ceiling mounted

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

| Plane Cone | 0.0  | 15.0 | 30.0 | 45.0 | 60.0 | 75.0 | 90.0 |
|------------|------|------|------|------|------|------|------|
| 45.0       | 6132 | 5526 | 5203 | 5101 | 5203 | 5526 | 6132 |
| 50.0       | 6243 | 5577 | 5226 | 5116 | 5226 | 5577 | 6243 |
| 55.0       | 6744 | 5970 | 5569 | 5444 | 5569 | 5970 | 6744 |
| 60.0       | 6580 | 5772 | 5358 | 5230 | 5358 | 5772 | 6580 |
| 65.0       | 6388 | 5550 | 5128 | 4998 | 5128 | 5550 | 6388 |
| 70.0       | 6411 | 5514 | 5068 | 4932 | 5068 | 5514 | 6411 |
| 75.0       | 6278 | 5341 | 4883 | 4744 | 4883 | 5341 | 6278 |
| 80.0       | 7175 | 6031 | 5482 | 5317 | 5482 | 6031 | 7175 |
| 85.0       | 8080 | 6701 | 6052 | 5858 | 6052 | 6701 | 8080 |
| 90.0       | 8519 | 6956 | 6237 | 6024 | 6237 | 6956 | 8519 |

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

2021-07-28