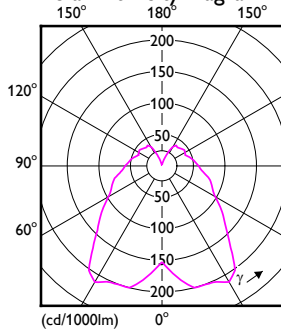
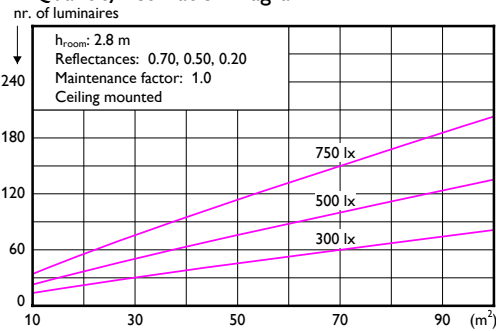


**1 x 9290024912 5.5W 2200K-2700K****1 x 470 lm****Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.26  
 Service downward 0.74

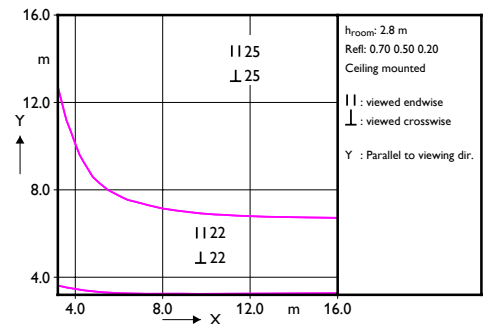
CIE flux code 41 68 86 74 100

UGRcen (4Hx8H, 0.25H) 23

**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         | 0.42                                                        | 0.40 | 0.41 | 0.40 | 0.39 | 0.32 | 0.29 | 0.25 | 0.27 | 0.23 | 0.20 | 0.20 |
| 0.80         | 0.52                                                        | 0.49 | 0.50 | 0.48 | 0.47 | 0.39 | 0.37 | 0.32 | 0.34 | 0.30 | 0.25 | 0.25 |
| 1.00         | 0.60                                                        | 0.56 | 0.57 | 0.55 | 0.53 | 0.46 | 0.42 | 0.38 | 0.39 | 0.35 | 0.30 | 0.30 |
| 1.25         | 0.68                                                        | 0.62 | 0.64 | 0.62 | 0.59 | 0.52 | 0.48 | 0.43 | 0.44 | 0.40 | 0.35 | 0.35 |
| 1.50         | 0.74                                                        | 0.67 | 0.70 | 0.67 | 0.64 | 0.57 | 0.53 | 0.48 | 0.49 | 0.45 | 0.38 | 0.38 |
| 2.00         | 0.83                                                        | 0.74 | 0.78 | 0.74 | 0.71 | 0.65 | 0.60 | 0.55 | 0.55 | 0.51 | 0.44 | 0.44 |
| 2.50         | 0.89                                                        | 0.79 | 0.84 | 0.79 | 0.75 | 0.70 | 0.64 | 0.61 | 0.59 | 0.56 | 0.48 | 0.48 |
| 3.00         | 0.94                                                        | 0.82 | 0.88 | 0.83 | 0.78 | 0.74 | 0.68 | 0.64 | 0.62 | 0.59 | 0.51 | 0.51 |
| 4.00         | 1.00                                                        | 0.86 | 0.94 | 0.88 | 0.83 | 0.78 | 0.72 | 0.69 | 0.66 | 0.64 | 0.55 | 0.55 |
| 5.00         | 1.04                                                        | 0.89 | 0.97 | 0.91 | 0.85 | 0.82 | 0.75 | 0.73 | 0.69 | 0.67 | 0.58 | 0.58 |

Ceiling mounted

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

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 16842 | 14422 | 13227 | 12864 | 13227 | 14422 | 16842 |
| 50.0       | 14359 | 12221 | 11175 | 10858 | 11175 | 12221 | 14359 |
| 55.0       | 12267 | 10381 | 9467  | 9191  | 9467  | 10381 | 12267 |
| 60.0       | 10338 | 8703  | 7916  | 7679  | 7916  | 8703  | 10338 |
| 65.0       | 9314  | 7801  | 7078  | 6861  | 7078  | 7801  | 9314  |
| 70.0       | 8747  | 7289  | 6597  | 6390  | 6597  | 7289  | 8747  |
| 75.0       | 8146  | 6755  | 6100  | 5904  | 6100  | 6755  | 8146  |
| 80.0       | 7223  | 5959  | 5369  | 5193  | 5369  | 5959  | 7223  |
| 85.0       | 6635  | 5446  | 4895  | 4732  | 4895  | 5446  | 6635  |
| 90.0       | 6428  | 5248  | 4705  | 4545  | 4705  | 5248  | 6428  |

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

2021-06-23