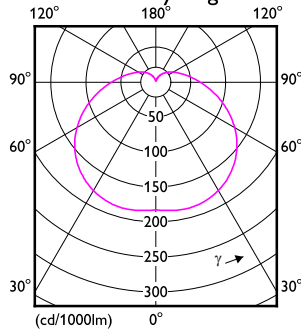


**1 x 929002408500****1 x 3700 lm**

Polar intensity diagram

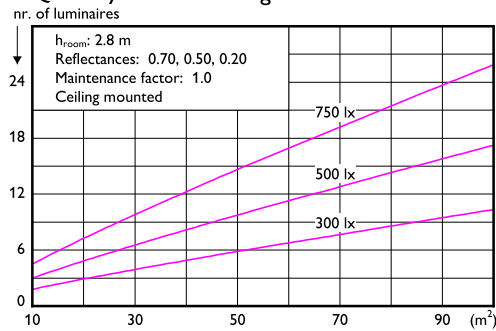


Light output ratio 1.00  
Service upward 0.19  
Service downward 0.81

CIE flux code 35 63 85 81 100

UGRcen (4Hx8H, 0.25H) 26

Quantity estimation diagram

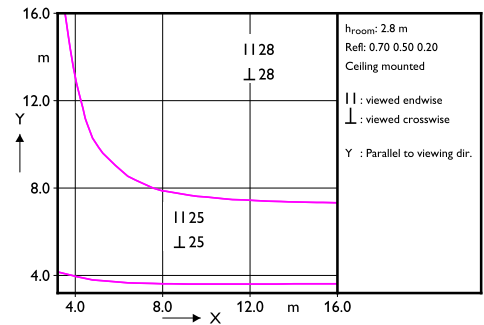


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |
|--------------|-------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80                                                        |      |      |      | 0.70 |      |      |      | 0.50 |      |      |      |
|              | 0.80                                                        | 0.50 | 0.30 | 0.10 | 0.80 | 0.50 | 0.30 | 0.10 | 0.80 | 0.50 | 0.30 | 0.10 |
| 0.60         | 0.40                                                        | 0.38 | 0.39 | 0.38 | 0.37 | 0.29 | 0.28 | 0.23 | 0.26 | 0.22 | 0.18 |      |
| 0.80         | 0.50                                                        | 0.47 | 0.48 | 0.46 | 0.45 | 0.37 | 0.35 | 0.30 | 0.33 | 0.28 | 0.24 |      |
| 1.00         | 0.58                                                        | 0.54 | 0.55 | 0.53 | 0.52 | 0.44 | 0.41 | 0.36 | 0.38 | 0.34 | 0.29 |      |
| 1.25         | 0.66                                                        | 0.60 | 0.63 | 0.60 | 0.58 | 0.50 | 0.47 | 0.42 | 0.44 | 0.39 | 0.34 |      |
| 1.50         | 0.72                                                        | 0.65 | 0.68 | 0.66 | 0.63 | 0.55 | 0.52 | 0.47 | 0.48 | 0.44 | 0.39 |      |
| 2.00         | 0.81                                                        | 0.73 | 0.77 | 0.74 | 0.70 | 0.63 | 0.59 | 0.55 | 0.56 | 0.51 | 0.45 |      |
| 2.50         | 0.88                                                        | 0.78 | 0.84 | 0.79 | 0.75 | 0.69 | 0.65 | 0.60 | 0.60 | 0.57 | 0.50 |      |
| 3.00         | 0.93                                                        | 0.81 | 0.88 | 0.83 | 0.79 | 0.73 | 0.68 | 0.64 | 0.64 | 0.61 | 0.54 |      |
| 4.00         | 1.00                                                        | 0.86 | 0.94 | 0.88 | 0.83 | 0.79 | 0.74 | 0.70 | 0.69 | 0.66 | 0.59 |      |
| 5.00         | 1.04                                                        | 0.89 | 0.98 | 0.92 | 0.86 | 0.82 | 0.77 | 0.74 | 0.72 | 0.69 | 0.62 |      |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 22506 | 19759 | 18351 | 17915 | 18351 | 19759 | 22506 |
| 50.0       | 20914 | 18216 | 16850 | 16429 | 16850 | 18216 | 20914 |
| 55.0       | 19378 | 16749 | 15433 | 15030 | 15433 | 16749 | 19378 |
| 60.0       | 17855 | 15316 | 14060 | 13677 | 14060 | 15316 | 17855 |
| 65.0       | 16352 | 13922 | 12732 | 12372 | 12732 | 13922 | 16352 |
| 70.0       | 14944 | 12626 | 11505 | 11166 | 11505 | 12626 | 14944 |
| 75.0       | 13568 | 11374 | 10325 | 10010 | 10325 | 11374 | 13568 |
| 80.0       | 12316 | 10240 | 9259  | 8966  | 9259  | 10240 | 12316 |
| 85.0       | 11207 | 9237  | 8318  | 8045  | 8318  | 9237  | 11207 |
| 90.0       | 10182 | 8313  | 7453  | 7199  | 7453  | 8313  | 10182 |

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

2020-05-29