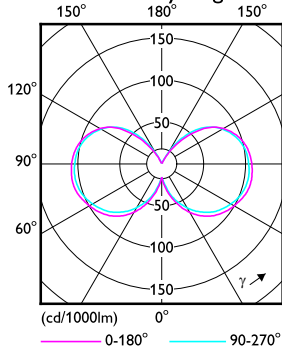


**1 x 9290024129 7.2W 2700K**

1 x 650 lm

Polar intensity diagram

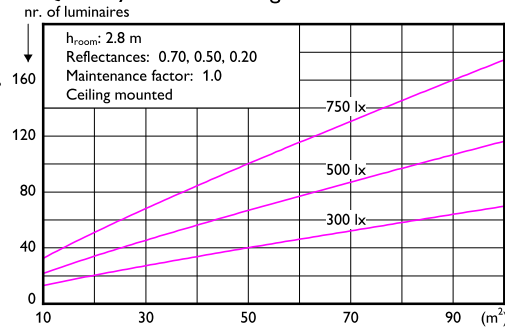


Light output ratio 1.00  
Service upward 0.44  
Service downward 0.56

CIE flux code 16 42 70 56 100

UGRcen (4Hx8H, 0.25H) 22

Quantity estimation diagram

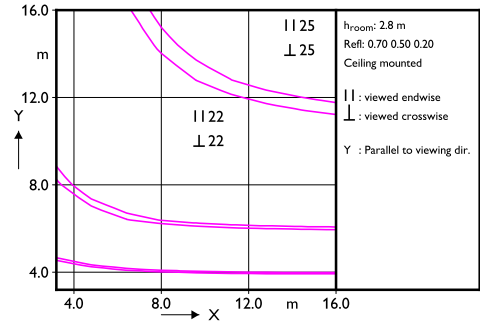


Utilisation factor table

| 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         | 0.30                                                        | 0.10 | 0.30 | 0.20 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 0.80         | 0.41                                                        | 0.39 | 0.38 | 0.37 | 0.36 | 0.27 | 0.23 | 0.18 | 0.19 | 0.15 | 0.08 | 0.00 |
| 1.00         | 0.48                                                        | 0.45 | 0.44 | 0.43 | 0.41 | 0.33 | 0.28 | 0.23 | 0.23 | 0.19 | 0.11 | 0.00 |
| 1.25         | 0.56                                                        | 0.51 | 0.51 | 0.49 | 0.47 | 0.39 | 0.33 | 0.28 | 0.27 | 0.23 | 0.14 | 0.00 |
| 1.50         | 0.62                                                        | 0.56 | 0.57 | 0.54 | 0.52 | 0.44 | 0.37 | 0.32 | 0.31 | 0.27 | 0.17 | 0.00 |
| 2.00         | 0.71                                                        | 0.63 | 0.65 | 0.62 | 0.59 | 0.51 | 0.44 | 0.39 | 0.37 | 0.32 | 0.22 | 0.00 |
| 2.50         | 0.77                                                        | 0.68 | 0.71 | 0.67 | 0.63 | 0.57 | 0.48 | 0.44 | 0.41 | 0.37 | 0.25 | 0.00 |
| 3.00         | 0.82                                                        | 0.72 | 0.75 | 0.71 | 0.67 | 0.61 | 0.52 | 0.48 | 0.44 | 0.40 | 0.28 | 0.00 |
| 4.00         | 0.89                                                        | 0.77 | 0.81 | 0.76 | 0.72 | 0.66 | 0.57 | 0.53 | 0.48 | 0.45 | 0.32 | 0.00 |
| 5.00         | 0.94                                                        | 0.80 | 0.85 | 0.80 | 0.75 | 0.70 | 0.60 | 0.57 | 0.51 | 0.48 | 0.35 | 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       | 2991 | 2706 | 2539 | 2468 | 2483 | 2586 | 2795 |
| 50.0       | 3214 | 2886 | 2700 | 2624 | 2648 | 2776 | 3032 |
| 55.0       | 3451 | 3073 | 2863 | 2781 | 2813 | 2966 | 3272 |
| 60.0       | 3708 | 3274 | 3038 | 2949 | 2991 | 3174 | 3539 |
| 65.0       | 3999 | 3498 | 3232 | 3137 | 3191 | 3408 | 3845 |
| 70.0       | 4358 | 3768 | 3461 | 3351 | 3413 | 3665 | 4181 |
| 75.0       | 4736 | 4044 | 3691 | 3568 | 3642 | 3936 | 4547 |
| 80.0       | 5157 | 4343 | 3938 | 3800 | 3889 | 4235 | 4966 |
| 85.0       | 5637 | 4671 | 4204 | 4050 | 4158 | 4567 | 5451 |
| 90.0       | 6267 | 5087 | 4535 | 4355 | 4482 | 4969 | 6049 |

(cd/m²)

2020-06-03