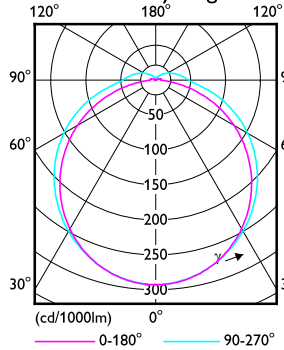


**1 x 9290019263 3000K 5W**

1 x 520 lm

Polar intensity diagram

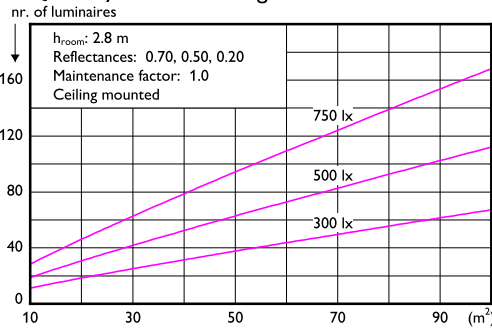


Light output ratio 1.00  
Service upward 0.08  
Service downward 0.92

CIE flux code 43 73 92 92 100

UGRcen (4Hx8H, 0.25H) 27

Quantity estimation diagram

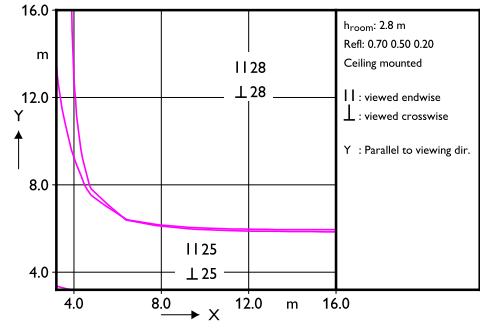


Utilisation factor table

| 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         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 0.80         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 1.00         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 1.25         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 1.50         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 2.00         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 2.50         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 3.00         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 4.00         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 5.00         | 0.80                                                        | 0.80 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 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       | 25113 | 22727 | 21030 | 19913 | 19287 | 19120 | 19400 |
| 50.0       | 24277 | 21704 | 19940 | 18820 | 18183 | 18034 | 18357 |
| 55.0       | 23367 | 20618 | 18811 | 17713 | 17075 | 16950 | 17320 |
| 60.0       | 22216 | 19328 | 17525 | 16487 | 15878 | 15802 | 16238 |
| 65.0       | 20859 | 17869 | 16116 | 15176 | 14609 | 14587 | 15091 |
| 70.0       | 18990 | 16061 | 14489 | 13742 | 13225 | 13260 | 13829 |
| 75.0       | 16457 | 13835 | 12608 | 12156 | 11705 | 11802 | 12430 |
| 80.0       | 12967 | 11120 | 10472 | 10440 | 10083 | 10256 | 10950 |
| 85.0       | 8941  | 8380  | 8439  | 8851  | 8600  | 8859  | 9632  |
| 90.0       | 8344  | 7716  | 7887  | 8401  | 8144  | 8457  | 9341  |

(cd/m²)

2018-06-07