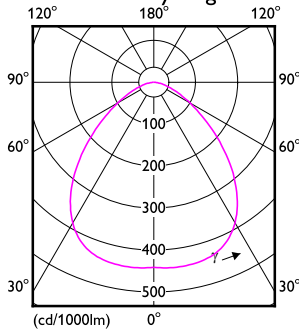


**1 x 9290031617 105.0W 4000K**

**1 x 15000 lm**

**Polar intensity diagram**

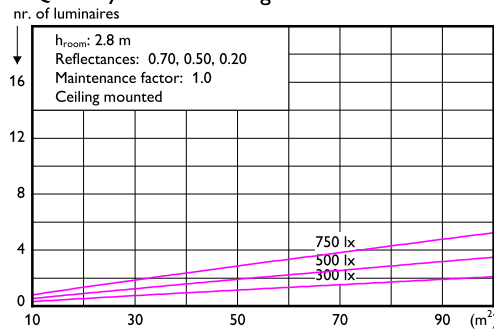


Light output ratio 0.99  
Service upward 0.00  
Service downward 0.99

CIE flux code 61 89 98 100 99

UGRcen (4Hx8H, 0.25H) 27

**Quantity estimation diagram**

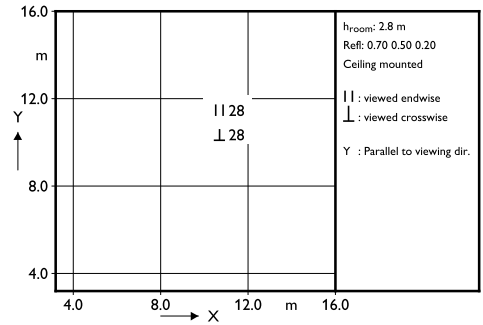


**Utilisation factor table**

| 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         | 0.56                                                        | 0.54 | 0.56 | 0.54 | 0.53 | 0.47 | 0.46 | 0.42 | 0.46 | 0.42 | 0.40 | 0.40 |
| 0.80         | 0.67                                                        | 0.63 | 0.66 | 0.64 | 0.62 | 0.56 | 0.55 | 0.51 | 0.55 | 0.51 | 0.49 | 0.49 |
| 1.00         | 0.76                                                        | 0.70 | 0.74 | 0.72 | 0.69 | 0.63 | 0.63 | 0.58 | 0.62 | 0.58 | 0.56 | 0.56 |
| 1.25         | 0.84                                                        | 0.77 | 0.82 | 0.79 | 0.76 | 0.70 | 0.69 | 0.65 | 0.68 | 0.65 | 0.63 | 0.63 |
| 1.50         | 0.90                                                        | 0.81 | 0.88 | 0.84 | 0.80 | 0.75 | 0.74 | 0.71 | 0.73 | 0.70 | 0.68 | 0.68 |
| 2.00         | 0.98                                                        | 0.88 | 0.96 | 0.91 | 0.87 | 0.83 | 0.82 | 0.78 | 0.80 | 0.78 | 0.75 | 0.75 |
| 2.50         | 1.04                                                        | 0.92 | 1.01 | 0.96 | 0.91 | 0.87 | 0.86 | 0.83 | 0.85 | 0.82 | 0.80 | 0.80 |
| 3.00         | 1.08                                                        | 0.95 | 1.05 | 0.99 | 0.94 | 0.91 | 0.89 | 0.87 | 0.88 | 0.86 | 0.84 | 0.84 |
| 4.00         | 1.13                                                        | 0.98 | 1.10 | 1.03 | 0.97 | 0.94 | 0.93 | 0.91 | 0.91 | 0.90 | 0.87 | 0.87 |
| 5.00         | 1.16                                                        | 1.00 | 1.13 | 1.05 | 0.99 | 0.97 | 0.95 | 0.93 | 0.93 | 0.92 | 0.89 | 0.89 |

Ceiling mounted

**UGR diagram**



**Luminance Table**

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 98462 | 88406 | 83072 | 81397 | 83072 | 88406 | 98462 |
| 50.0       | 76458 | 68049 | 63649 | 62275 | 63649 | 68049 | 76458 |
| 55.0       | 57212 | 50473 | 46993 | 45914 | 46993 | 50473 | 57212 |
| 60.0       | 41667 | 36430 | 33762 | 32940 | 33762 | 36430 | 41667 |
| 65.0       | 29686 | 25714 | 23719 | 23108 | 23719 | 25714 | 29686 |
| 70.0       | 20515 | 17597 | 16153 | 15713 | 16153 | 17597 | 20515 |
| 75.0       | 13400 | 11374 | 10387 | 10088 | 10387 | 11374 | 13400 |
| 80.0       | 7431  | 6235  | 5663  | 5491  | 5663  | 6235  | 7431  |
| 85.0       | 1800  | 1491  | 1346  | 1303  | 1346  | 1491  | 1800  |
| 90.0       | 248   | 203   | 182   | 175   | 182   | 203   | 248   |

(cd/m²)

2022-06-15