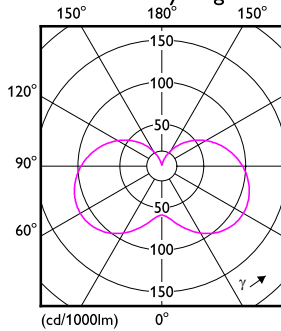


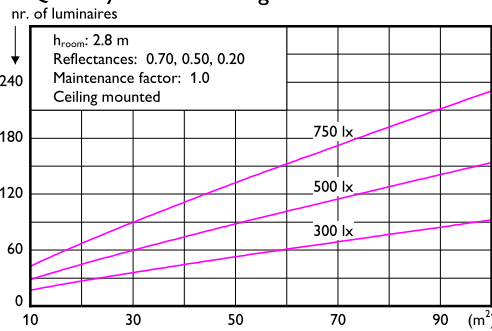
**1 x 9290029692 5W 6500K**

**1 x 470 lm**

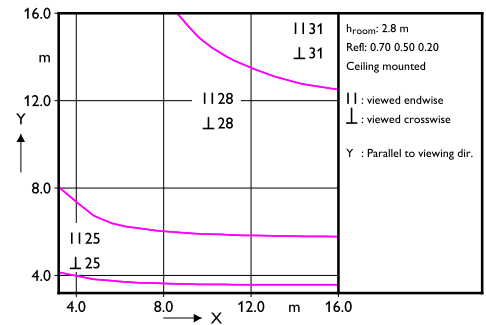
**Polar intensity diagram**



**Quantity estimation diagram**



**UGR diagram**



Light output ratio 1.00  
Service upward 0.36  
Service downward 0.64

CIE flux code 21 48 75 64 100

UGRcen (4Hx8H, 0.25H) 28

**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         | 0.34                                                        | 0.32 | 0.31 | 0.31 | 0.30 | 0.22 | 0.19 | 0.15 | 0.17 | 0.13 | 0.08 | 0.08 |
| 0.80         | 0.43                                                        | 0.40 | 0.40 | 0.39 | 0.38 | 0.29 | 0.26 | 0.20 | 0.22 | 0.18 | 0.12 | 0.12 |
| 1.00         | 0.50                                                        | 0.47 | 0.47 | 0.45 | 0.44 | 0.35 | 0.31 | 0.25 | 0.27 | 0.22 | 0.16 | 0.16 |
| 1.25         | 0.58                                                        | 0.53 | 0.54 | 0.52 | 0.50 | 0.41 | 0.36 | 0.31 | 0.31 | 0.27 | 0.19 | 0.19 |
| 1.50         | 0.64                                                        | 0.58 | 0.59 | 0.57 | 0.54 | 0.46 | 0.41 | 0.35 | 0.35 | 0.31 | 0.23 | 0.23 |
| 2.00         | 0.73                                                        | 0.65 | 0.68 | 0.64 | 0.61 | 0.54 | 0.48 | 0.43 | 0.42 | 0.37 | 0.28 | 0.28 |
| 2.50         | 0.80                                                        | 0.71 | 0.74 | 0.70 | 0.66 | 0.60 | 0.53 | 0.48 | 0.46 | 0.42 | 0.32 | 0.32 |
| 3.00         | 0.85                                                        | 0.74 | 0.78 | 0.74 | 0.70 | 0.64 | 0.56 | 0.52 | 0.49 | 0.46 | 0.35 | 0.35 |
| 4.00         | 0.92                                                        | 0.79 | 0.85 | 0.79 | 0.75 | 0.69 | 0.62 | 0.58 | 0.54 | 0.51 | 0.40 | 0.40 |
| 5.00         | 0.96                                                        | 0.83 | 0.89 | 0.83 | 0.78 | 0.73 | 0.65 | 0.62 | 0.57 | 0.54 | 0.43 | 0.43 |

Ceiling mounted

**Luminance Table**

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 22539 | 19817 | 18419 | 17986 | 18419 | 19817 | 22539 |
| 50.0       | 22793 | 19880 | 18402 | 17947 | 18402 | 19880 | 22793 |
| 55.0       | 22964 | 19874 | 18324 | 17849 | 18324 | 19874 | 22964 |
| 60.0       | 23092 | 19833 | 18216 | 17723 | 18216 | 19833 | 23092 |
| 65.0       | 23182 | 19757 | 18079 | 17569 | 18079 | 19757 | 23182 |
| 70.0       | 23219 | 19636 | 17900 | 17376 | 17900 | 19636 | 23219 |
| 75.0       | 23259 | 19513 | 17719 | 17180 | 17719 | 19513 | 23259 |
| 80.0       | 23296 | 19380 | 17528 | 16975 | 17528 | 19380 | 23296 |
| 85.0       | 23376 | 19273 | 17358 | 16789 | 17358 | 19273 | 23376 |
| 90.0       | 23458 | 19153 | 17172 | 16587 | 17172 | 19153 | 23458 |

(cd/m²)

2021-05-12