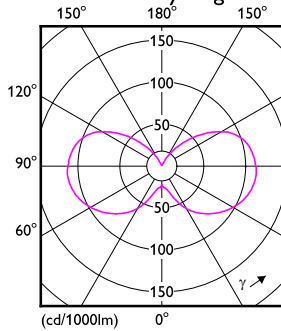


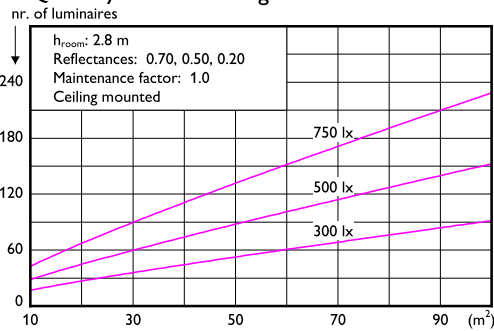
**1 x 9290029911 5W**

1 x 500 lm

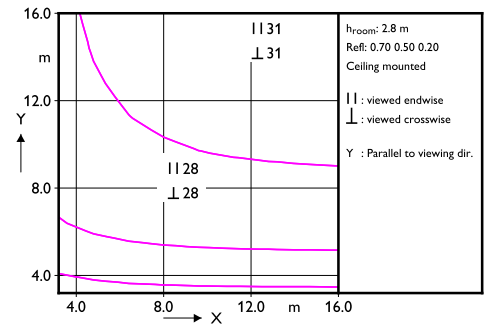
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.44  
Service downward 0.56

CIE flux code 15 39 69 56 100

UGRcen (4Hx8H, 0.25H) 29

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                                                        | 0.38 | 0.37 | 0.36 | 0.35 | 0.27 | 0.23 | 0.18 | 0.18 | 0.14 | 0.10 | 0.05 |
| 1.00         | 0.48                                                        | 0.44 | 0.44 | 0.42 | 0.41 | 0.33 | 0.27 | 0.22 | 0.22 | 0.18 | 0.11 | 0.08 |
| 1.25         | 0.55                                                        | 0.51 | 0.50 | 0.49 | 0.47 | 0.38 | 0.32 | 0.27 | 0.27 | 0.22 | 0.14 | 0.11 |
| 1.50         | 0.61                                                        | 0.56 | 0.56 | 0.53 | 0.51 | 0.43 | 0.37 | 0.31 | 0.30 | 0.26 | 0.16 | 0.14 |
| 2.00         | 0.70                                                        | 0.63 | 0.64 | 0.61 | 0.58 | 0.51 | 0.43 | 0.38 | 0.36 | 0.32 | 0.21 | 0.21 |
| 2.50         | 0.77                                                        | 0.68 | 0.70 | 0.66 | 0.63 | 0.56 | 0.48 | 0.43 | 0.40 | 0.36 | 0.25 | 0.25 |
| 3.00         | 0.82                                                        | 0.72 | 0.75 | 0.70 | 0.66 | 0.60 | 0.51 | 0.47 | 0.43 | 0.40 | 0.28 | 0.28 |
| 4.00         | 0.89                                                        | 0.77 | 0.81 | 0.76 | 0.71 | 0.66 | 0.57 | 0.53 | 0.48 | 0.45 | 0.32 | 0.32 |
| 5.00         | 0.93                                                        | 0.80 | 0.85 | 0.79 | 0.75 | 0.70 | 0.60 | 0.57 | 0.51 | 0.48 | 0.35 | 0.35 |

Ceiling mounted

Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 21830 | 19518 | 18300 | 17919 | 18300 | 19518 | 21830 |
| 50.0       | 23545 | 20870 | 19478 | 19045 | 19478 | 20870 | 23545 |
| 55.0       | 25352 | 22277 | 20699 | 20211 | 20699 | 22277 | 25352 |
| 60.0       | 27276 | 23759 | 21977 | 21429 | 21977 | 23759 | 27276 |
| 65.0       | 29291 | 25285 | 23283 | 22671 | 23283 | 25285 | 29291 |
| 70.0       | 31334 | 26795 | 24558 | 23879 | 24558 | 26795 | 31334 |
| 75.0       | 33536 | 28392 | 25895 | 25141 | 25895 | 28392 | 33536 |
| 80.0       | 35871 | 30041 | 27257 | 26422 | 27257 | 30041 | 35871 |
| 85.0       | 38402 | 31780 | 28672 | 27746 | 28672 | 31780 | 38402 |
| 90.0       | 40938 | 33426 | 29968 | 28947 | 29968 | 33426 | 40938 |

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

2021-11-05