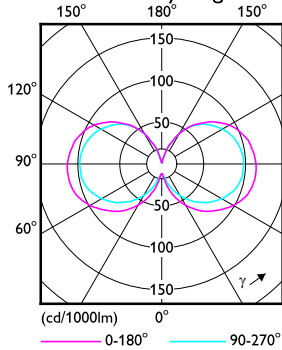


**1 x 9290020472 3.3W B11**

1 x 300 lm

Polar intensity diagram

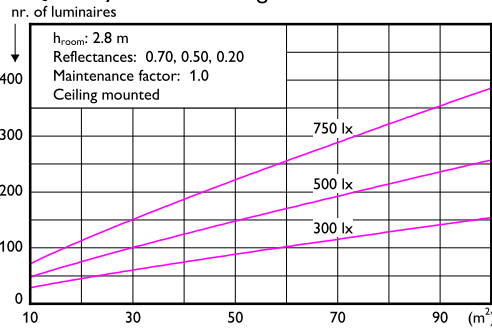


Light output ratio 1.00  
Service upward 0.49  
Service downward 0.51

CIE flux code 14 38 68 51 100

UGRcen (4Hx8H, 0.25H) 25

Quantity estimation diagram

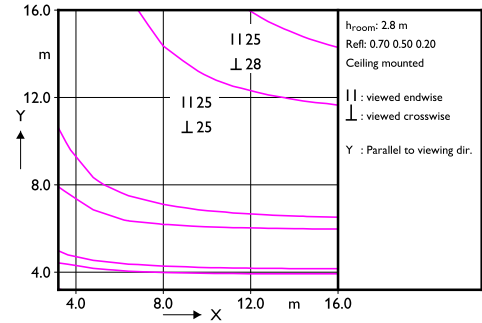


Utilisation factor table

| 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 | 0.70 | 0.70 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 | 0.00 | 0.00 |
| 0.80         | 0.50                                                        | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 1.00         | 0.30                                                        | 0.10 | 0.30 | 0.20 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 1.25         | 0.32                                                        | 0.30 | 0.29 | 0.28 | 0.28 | 0.20 | 0.17 | 0.12 | 0.13 | 0.09 | 0.04 | 0.04 |
| 1.50         | 0.41                                                        | 0.38 | 0.37 | 0.36 | 0.35 | 0.27 | 0.22 | 0.17 | 0.18 | 0.14 | 0.07 | 0.07 |
| 1.75         | 0.48                                                        | 0.44 | 0.43 | 0.42 | 0.41 | 0.32 | 0.27 | 0.22 | 0.21 | 0.17 | 0.09 | 0.09 |
| 2.00         | 0.55                                                        | 0.51 | 0.50 | 0.48 | 0.46 | 0.38 | 0.32 | 0.26 | 0.25 | 0.21 | 0.12 | 0.12 |
| 2.50         | 0.61                                                        | 0.55 | 0.55 | 0.53 | 0.51 | 0.43 | 0.36 | 0.31 | 0.29 | 0.25 | 0.14 | 0.14 |
| 3.00         | 0.70                                                        | 0.63 | 0.63 | 0.60 | 0.57 | 0.50 | 0.42 | 0.37 | 0.34 | 0.30 | 0.19 | 0.19 |
| 3.50         | 0.76                                                        | 0.67 | 0.69 | 0.66 | 0.62 | 0.55 | 0.47 | 0.42 | 0.38 | 0.34 | 0.22 | 0.22 |
| 4.00         | 0.81                                                        | 0.71 | 0.74 | 0.69 | 0.66 | 0.59 | 0.50 | 0.46 | 0.41 | 0.38 | 0.25 | 0.25 |
| 4.50         | 0.88                                                        | 0.76 | 0.80 | 0.75 | 0.70 | 0.65 | 0.55 | 0.51 | 0.45 | 0.42 | 0.28 | 0.28 |
| 5.00         | 0.93                                                        | 0.79 | 0.84 | 0.78 | 0.74 | 0.69 | 0.58 | 0.55 | 0.48 | 0.46 | 0.31 | 0.31 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0 | 45.0 | 60.0 | 75.0 | 90.0  |
|------------|-------|-------|------|------|------|------|-------|
| 45.0       | 9124  | 7648  | 6819 | 6414 | 6350 | 6630 | 7361  |
| 50.0       | 9538  | 7974  | 7118 | 6722 | 6697 | 7057 | 7940  |
| 55.0       | 10059 | 8351  | 7429 | 7007 | 6986 | 7385 | 8362  |
| 60.0       | 10620 | 8771  | 7788 | 7349 | 7345 | 7801 | 8904  |
| 65.0       | 11119 | 9126  | 8078 | 7615 | 7618 | 8114 | 9319  |
| 70.0       | 11610 | 9488  | 8390 | 7919 | 7946 | 8509 | 9858  |
| 75.0       | 12001 | 9757  | 8613 | 8132 | 8178 | 8796 | 10270 |
| 80.0       | 12382 | 10017 | 8828 | 8340 | 8409 | 9087 | 10697 |
| 85.0       | 12775 | 10262 | 9012 | 8502 | 8575 | 9290 | 11003 |
| 90.0       | 13208 | 10549 | 9248 | 8729 | 8827 | 9610 | 11482 |

(cd/m²)

2019-05-31