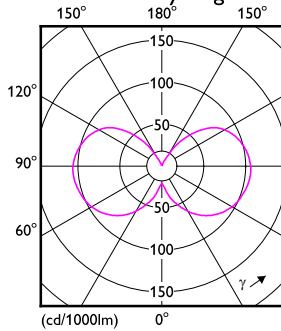


**1 x 9290030133 3.4W****1 x 470 lm**

Polar intensity diagram

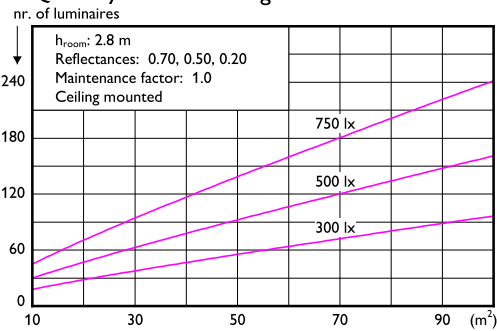


Light output ratio 1.00  
 Service upward 0.45  
 Service downward 0.55

CIE flux code 16 42 70 55 100

UGRcen (4Hx8H, 0.25H) 27

Quantity estimation diagram

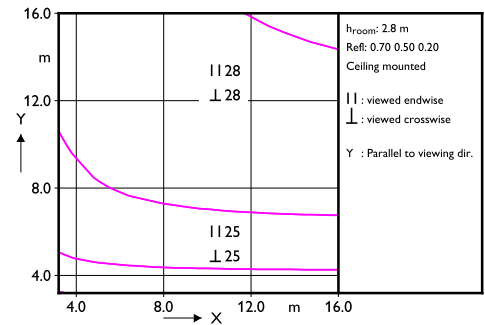


Utilisation factor table

| 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                                                        | 0.50 | 0.30 | 0.20 | 0.10 | 0.10 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 0.80         | 0.41                                                        | 0.39 | 0.38 | 0.37 | 0.36 | 0.27 | 0.23 | 0.18 | 0.19 | 0.15 | 0.08 | 0.08 |
| 1.00         | 0.48                                                        | 0.45 | 0.44 | 0.43 | 0.41 | 0.33 | 0.28 | 0.23 | 0.23 | 0.18 | 0.11 | 0.11 |
| 1.25         | 0.56                                                        | 0.51 | 0.51 | 0.49 | 0.47 | 0.39 | 0.33 | 0.28 | 0.27 | 0.23 | 0.14 | 0.14 |
| 1.50         | 0.62                                                        | 0.56 | 0.56 | 0.54 | 0.52 | 0.44 | 0.37 | 0.32 | 0.31 | 0.26 | 0.17 | 0.17 |
| 2.00         | 0.71                                                        | 0.63 | 0.65 | 0.61 | 0.59 | 0.51 | 0.44 | 0.39 | 0.36 | 0.32 | 0.21 | 0.21 |
| 2.50         | 0.77                                                        | 0.68 | 0.71 | 0.67 | 0.63 | 0.57 | 0.48 | 0.44 | 0.40 | 0.37 | 0.25 | 0.25 |
| 3.00         | 0.82                                                        | 0.72 | 0.75 | 0.71 | 0.67 | 0.61 | 0.52 | 0.47 | 0.43 | 0.40 | 0.28 | 0.28 |
| 4.00         | 0.89                                                        | 0.77 | 0.81 | 0.76 | 0.72 | 0.66 | 0.57 | 0.53 | 0.48 | 0.45 | 0.32 | 0.32 |
| 5.00         | 0.93                                                        | 0.80 | 0.85 | 0.80 | 0.75 | 0.70 | 0.60 | 0.57 | 0.51 | 0.48 | 0.35 | 0.35 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 14546 | 13172 | 12433 | 12200 | 12433 | 13172 | 14546 |
| 50.0       | 15635 | 14032 | 13183 | 12916 | 13183 | 14032 | 15635 |
| 55.0       | 16737 | 14886 | 13919 | 13617 | 13919 | 14886 | 16737 |
| 60.0       | 17904 | 15776 | 14679 | 14339 | 14679 | 15776 | 17904 |
| 65.0       | 19110 | 16674 | 15436 | 15055 | 15436 | 16674 | 19110 |
| 70.0       | 20382 | 17597 | 16205 | 15779 | 16205 | 17597 | 20382 |
| 75.0       | 21917 | 18706 | 17128 | 16649 | 17128 | 18706 | 21917 |
| 80.0       | 23755 | 20017 | 18215 | 17672 | 18215 | 20017 | 23755 |
| 85.0       | 25841 | 21461 | 19394 | 18777 | 19394 | 21461 | 25841 |
| 90.0       | 28285 | 23095 | 20706 | 20000 | 20706 | 23095 | 28285 |

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

2022-05-18