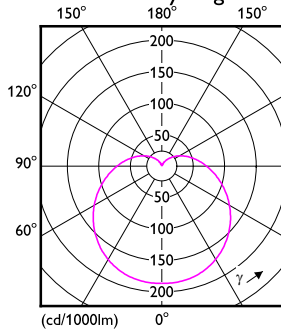
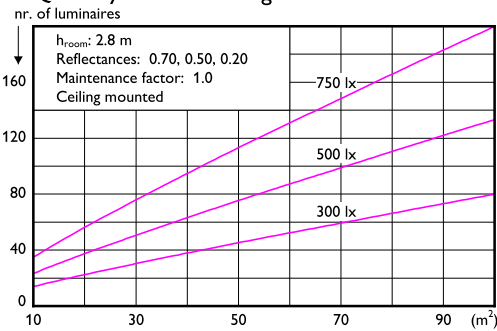


**1 x 9290037614 4.4W 2700K****1 x 485 lm****Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.21  
 Service downward 0.79

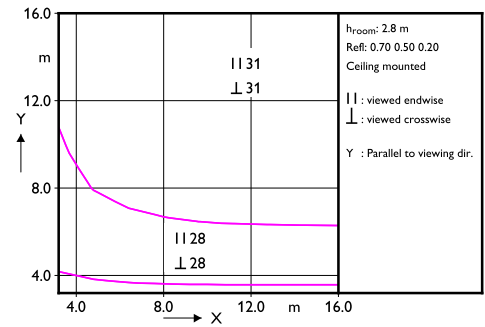
CIE flux code 34 62 84 79 100

UGRcen (4Hx8H, 0.25H) 30

**Quantity estimation diagram****Utilisation factor table**

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------|-------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80                                                        |      |      |      | 0.70 |      |      |      | 0.50 |      |      |      | 0.30 |      |      |      |
|              | 0.80                                                        | 0.50 | 0.30 | 0.10 | 0.80 | 0.50 | 0.30 | 0.10 | 0.80 | 0.50 | 0.30 | 0.10 | 0.80 | 0.50 | 0.30 | 0.10 |
| 0.60         | 0.40                                                        | 0.38 | 0.38 | 0.37 | 0.36 | 0.29 | 0.27 | 0.22 | 0.25 | 0.21 | 0.17 |      |      |      |      |      |
| 0.80         | 0.49                                                        | 0.46 | 0.47 | 0.46 | 0.44 | 0.36 | 0.34 | 0.29 | 0.31 | 0.27 | 0.23 |      |      |      |      |      |
| 1.00         | 0.57                                                        | 0.53 | 0.54 | 0.53 | 0.51 | 0.43 | 0.40 | 0.35 | 0.37 | 0.32 | 0.28 |      |      |      |      |      |
| 1.25         | 0.65                                                        | 0.60 | 0.62 | 0.59 | 0.57 | 0.49 | 0.46 | 0.41 | 0.43 | 0.38 | 0.33 |      |      |      |      |      |
| 1.50         | 0.71                                                        | 0.65 | 0.68 | 0.65 | 0.62 | 0.55 | 0.51 | 0.46 | 0.47 | 0.43 | 0.37 |      |      |      |      |      |
| 2.00         | 0.81                                                        | 0.72 | 0.76 | 0.73 | 0.69 | 0.63 | 0.58 | 0.53 | 0.54 | 0.50 | 0.44 |      |      |      |      |      |
| 2.50         | 0.87                                                        | 0.77 | 0.83 | 0.78 | 0.74 | 0.68 | 0.63 | 0.59 | 0.59 | 0.55 | 0.48 |      |      |      |      |      |
| 3.00         | 0.92                                                        | 0.81 | 0.87 | 0.82 | 0.78 | 0.72 | 0.67 | 0.63 | 0.62 | 0.59 | 0.52 |      |      |      |      |      |
| 4.00         | 0.99                                                        | 0.85 | 0.93 | 0.87 | 0.82 | 0.78 | 0.72 | 0.69 | 0.67 | 0.64 | 0.57 |      |      |      |      |      |
| 5.00         | 1.03                                                        | 0.88 | 0.97 | 0.91 | 0.85 | 0.81 | 0.76 | 0.72 | 0.70 | 0.68 | 0.60 |      |      |      |      |      |

Ceiling mounted

**UGR diagram****Luminance Table**

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 45811 | 42417 | 40530 | 39924 | 40530 | 42417 | 45811 |
| 50.0       | 44576 | 40924 | 38919 | 38280 | 38919 | 40924 | 44576 |
| 55.0       | 43445 | 39526 | 37405 | 36733 | 37405 | 39526 | 43445 |
| 60.0       | 42462 | 38257 | 36015 | 35309 | 36015 | 38257 | 42462 |
| 65.0       | 41649 | 37124 | 34751 | 34009 | 34751 | 37124 | 41649 |
| 70.0       | 41044 | 36146 | 33623 | 32842 | 33623 | 36146 | 41044 |
| 75.0       | 40741 | 35385 | 32684 | 31855 | 32684 | 35385 | 40741 |
| 80.0       | 40877 | 34926 | 31998 | 31108 | 31998 | 34926 | 40877 |
| 85.0       | 41579 | 34823 | 31595 | 30627 | 31595 | 34823 | 41579 |
| 90.0       | 43179 | 35256 | 31609 | 30532 | 31609 | 35256 | 43179 |

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

2023-09-07