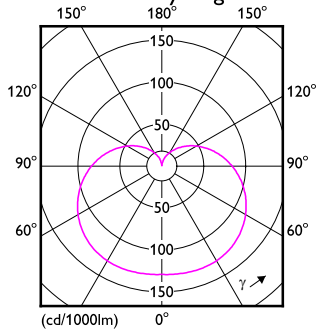


**1 x 9290037613 11W 6500K****1 x 1520 lm**

Polar intensity diagram

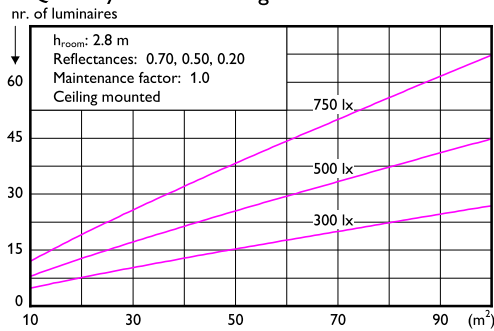


Light output ratio 1.00  
 Service upward 0.29  
 Service downward 0.71

CIE flux code 29 56 80 71 100

UGRcen (4Hx8H, 0.25H) 30

Quantity estimation diagram

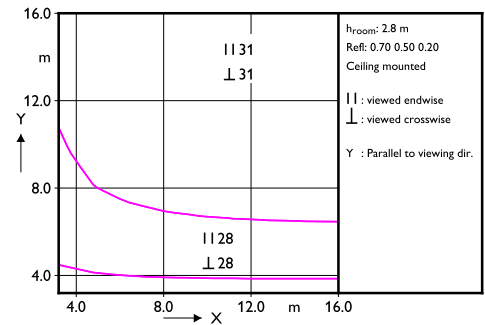


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |
|--------------|-------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80                                                        | 0.80 | 0.70 | 0.70 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 | 0.00 | 0.00 |
| 0.60         | 0.37                                                        | 0.35 | 0.35 | 0.34 | 0.33 | 0.26 | 0.23 | 0.19 | 0.21 | 0.17 | 0.13 | 0.13 |
| 0.80         | 0.46                                                        | 0.43 | 0.44 | 0.42 | 0.41 | 0.33 | 0.30 | 0.25 | 0.27 | 0.23 | 0.18 | 0.18 |
| 1.00         | 0.54                                                        | 0.50 | 0.51 | 0.49 | 0.47 | 0.39 | 0.36 | 0.30 | 0.32 | 0.28 | 0.22 | 0.22 |
| 1.25         | 0.62                                                        | 0.57 | 0.58 | 0.56 | 0.54 | 0.46 | 0.41 | 0.36 | 0.37 | 0.33 | 0.26 | 0.26 |
| 1.50         | 0.68                                                        | 0.62 | 0.64 | 0.61 | 0.58 | 0.51 | 0.46 | 0.41 | 0.41 | 0.37 | 0.30 | 0.30 |
| 2.00         | 0.77                                                        | 0.69 | 0.72 | 0.69 | 0.65 | 0.58 | 0.53 | 0.48 | 0.48 | 0.44 | 0.36 | 0.36 |
| 2.50         | 0.84                                                        | 0.74 | 0.78 | 0.74 | 0.70 | 0.64 | 0.58 | 0.54 | 0.52 | 0.49 | 0.40 | 0.40 |
| 3.00         | 0.89                                                        | 0.78 | 0.83 | 0.78 | 0.74 | 0.68 | 0.62 | 0.58 | 0.56 | 0.52 | 0.44 | 0.44 |
| 4.00         | 0.95                                                        | 0.82 | 0.89 | 0.83 | 0.78 | 0.74 | 0.67 | 0.63 | 0.60 | 0.57 | 0.48 | 0.48 |
| 5.00         | 1.00                                                        | 0.86 | 0.93 | 0.87 | 0.82 | 0.77 | 0.70 | 0.67 | 0.64 | 0.61 | 0.51 | 0.51 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 43056 | 39317 | 37282 | 36635 | 37282 | 39317 | 43056 |
| 50.0       | 42831 | 38767 | 36586 | 35896 | 36586 | 38767 | 42831 |
| 55.0       | 42728 | 38322 | 35989 | 35257 | 35989 | 38322 | 42728 |
| 60.0       | 42766 | 37989 | 35496 | 34719 | 35496 | 37989 | 42766 |
| 65.0       | 42962 | 37773 | 35107 | 34282 | 35107 | 37773 | 42962 |
| 70.0       | 43343 | 37683 | 34825 | 33946 | 34825 | 37683 | 43343 |
| 75.0       | 43958 | 37745 | 34665 | 33726 | 34665 | 37745 | 43958 |
| 80.0       | 44894 | 38008 | 34665 | 33656 | 34665 | 38008 | 44894 |
| 85.0       | 46232 | 38501 | 34839 | 33744 | 34839 | 38501 | 46232 |
| 90.0       | 48167 | 39329 | 35261 | 34060 | 35261 | 39329 | 48167 |

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

2023-10-17