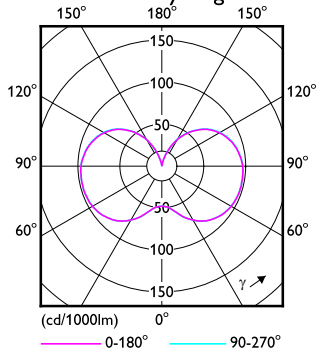


**1 x 80CC/LED/3CCT 929003631400****1 x 12000 lm**

Polar intensity diagram

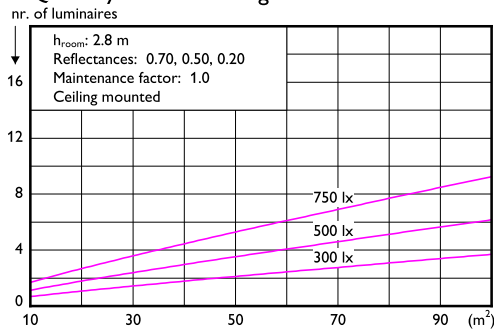


Light output ratio 1.00  
Service upward 0.44  
Service downward 0.56

CIE flux code 20 46 73 56 100

UGRcen (4Hx8H, 0.25H) 30

Quantity estimation diagram

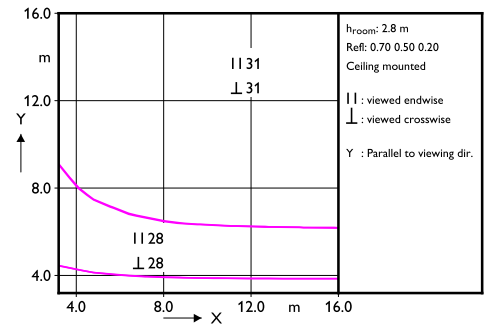


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |           |      |      |      |           |      |      |      |
|--------------|-------------------------------------------------------------|------|------|------|-----------|------|------|------|-----------|------|------|------|
|              | 0.80 0.80                                                   |      |      |      | 0.70 0.70 |      |      |      | 0.50 0.50 |      |      |      |
|              | 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         | 0.34                                                        | 0.32 | 0.31 | 0.30 | 0.30      | 0.22 | 0.19 | 0.14 | 0.15      | 0.12 | 0.07 | 0.07 |
| 1.00         | 0.43                                                        | 0.40 | 0.39 | 0.38 | 0.37      | 0.29 | 0.25 | 0.20 | 0.20      | 0.16 | 0.10 | 0.10 |
| 1.25         | 0.50                                                        | 0.46 | 0.46 | 0.44 | 0.43      | 0.35 | 0.30 | 0.24 | 0.25      | 0.20 | 0.13 | 0.13 |
| 1.50         | 0.57                                                        | 0.53 | 0.53 | 0.51 | 0.49      | 0.41 | 0.35 | 0.30 | 0.29      | 0.25 | 0.16 | 0.16 |
| 1.75         | 0.63                                                        | 0.57 | 0.58 | 0.56 | 0.53      | 0.46 | 0.39 | 0.34 | 0.33      | 0.28 | 0.19 | 0.19 |
| 2.00         | 0.72                                                        | 0.65 | 0.66 | 0.63 | 0.60      | 0.53 | 0.45 | 0.41 | 0.38      | 0.34 | 0.24 | 0.24 |
| 2.50         | 0.79                                                        | 0.70 | 0.72 | 0.68 | 0.65      | 0.58 | 0.50 | 0.46 | 0.42      | 0.39 | 0.27 | 0.27 |
| 3.00         | 0.84                                                        | 0.73 | 0.76 | 0.72 | 0.68      | 0.62 | 0.54 | 0.49 | 0.45      | 0.42 | 0.30 | 0.30 |
| 4.00         | 0.90                                                        | 0.78 | 0.83 | 0.77 | 0.73      | 0.68 | 0.59 | 0.55 | 0.50      | 0.47 | 0.34 | 0.34 |
| 5.00         | 0.95                                                        | 0.81 | 0.87 | 0.81 | 0.76      | 0.71 | 0.62 | 0.58 | 0.53      | 0.50 | 0.37 | 0.37 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 57201 | 49823 | 45984 | 44608 | 45873 | 49695 | 57175 |
| 50.0       | 57655 | 49781 | 45778 | 44425 | 45638 | 49599 | 57554 |
| 55.0       | 57948 | 49714 | 45616 | 44308 | 45480 | 49552 | 57898 |
| 60.0       | 58300 | 49620 | 45365 | 44047 | 45225 | 49427 | 58159 |
| 65.0       | 58729 | 49619 | 45255 | 44002 | 45098 | 49427 | 58656 |
| 70.0       | 59386 | 49789 | 45279 | 44061 | 45087 | 49549 | 59288 |
| 75.0       | 60163 | 50092 | 45439 | 44242 | 45277 | 49920 | 60187 |
| 80.0       | 61203 | 50655 | 45811 | 44546 | 45629 | 50473 | 61279 |
| 85.0       | 62798 | 51587 | 46503 | 45201 | 46311 | 51388 | 62850 |
| 90.0       | 64535 | 52685 | 47381 | 46052 | 47184 | 52539 | 64804 |

(cd/m²)

2023-04-11