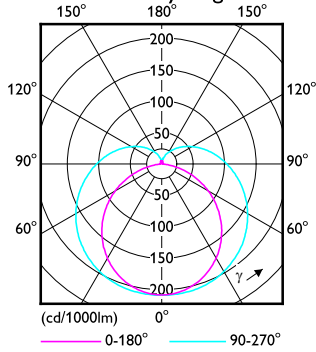


**1 x 2500LM 5000K 9290020165**

1 x 2500 lm

Polar intensity diagram

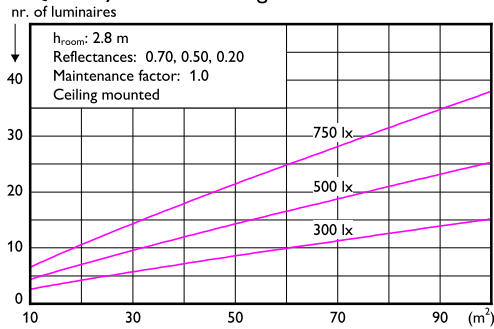


Light output ratio 1.00  
Service upward 0.20  
Service downward 0.80

CIE flux code 37 65 86 80 100

UGRcen (4Hx8H, 0.25H) 29

Quantity estimation diagram

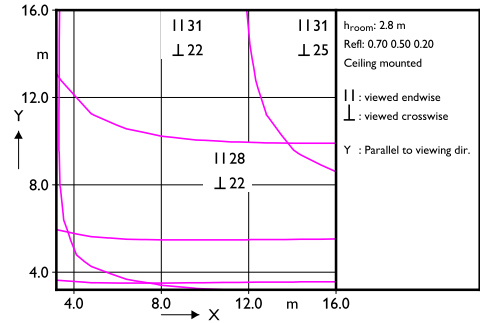


Utilisation factor table

| Room<br>Index<br>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 |
|                    | 0.50 0.50                                                   |      |      | 0.50 0.50 0.50 0.30 |      |      |      | 0.30 0.10 |      | 0.30 0.10 |      |  | 0.00 |
|                    | 0.30 0.10                                                   |      |      | 0.30 0.20 0.10 0.10 |      |      |      | 0.10 0.10 |      | 0.10 0.10 |      |  | 0.00 |
| 0.60               | 0.41                                                        | 0.39 | 0.39 | 0.39                | 0.38 | 0.30 | 0.28 | 0.24      | 0.27 | 0.22      | 0.19 |  |      |
| 0.80               | 0.51                                                        | 0.48 | 0.49 | 0.47                | 0.46 | 0.38 | 0.36 | 0.31      | 0.33 | 0.29      | 0.25 |  |      |
| 1.00               | 0.59                                                        | 0.54 | 0.56 | 0.54                | 0.52 | 0.45 | 0.42 | 0.37      | 0.39 | 0.35      | 0.30 |  |      |
| 1.25               | 0.67                                                        | 0.61 | 0.64 | 0.61                | 0.59 | 0.51 | 0.48 | 0.43      | 0.45 | 0.40      | 0.35 |  |      |
| 1.50               | 0.73                                                        | 0.66 | 0.69 | 0.66                | 0.64 | 0.56 | 0.53 | 0.48      | 0.49 | 0.45      | 0.39 |  |      |
| 2.00               | 0.82                                                        | 0.74 | 0.78 | 0.74                | 0.71 | 0.64 | 0.60 | 0.56      | 0.56 | 0.52      | 0.46 |  |      |
| 2.50               | 0.89                                                        | 0.78 | 0.84 | 0.80                | 0.76 | 0.70 | 0.65 | 0.61      | 0.61 | 0.57      | 0.51 |  |      |
| 3.00               | 0.94                                                        | 0.82 | 0.89 | 0.84                | 0.79 | 0.74 | 0.69 | 0.65      | 0.64 | 0.61      | 0.54 |  |      |
| 4.00               | 1.00                                                        | 0.87 | 0.95 | 0.89                | 0.84 | 0.79 | 0.74 | 0.71      | 0.69 | 0.66      | 0.59 |  |      |
| 5.00               | 1.04                                                        | 0.90 | 0.99 | 0.92                | 0.86 | 0.83 | 0.77 | 0.74      | 0.72 | 0.70      | 0.62 |  |      |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0  | 15.0 | 30.0 | 45.0  | 60.0  | 75.0  | 90.0   |
|------------|------|------|------|-------|-------|-------|--------|
| 45.0       | 7857 | 8505 | 9495 | 10958 | 12956 | 16003 | 20832  |
| 50.0       | 6993 | 7743 | 8846 | 10463 | 12647 | 16096 | 21894  |
| 55.0       | 6111 | 6977 | 8204 | 9990  | 12377 | 16289 | 23328  |
| 60.0       | 5190 | 6190 | 7557 | 9533  | 12143 | 16602 | 25296  |
| 65.0       | 4253 | 5411 | 6941 | 9142  | 11985 | 17084 | 28054  |
| 70.0       | 3277 | 4611 | 6324 | 8778  | 11887 | 17792 | 32204  |
| 75.0       | 2250 | 3787 | 5710 | 8461  | 11881 | 18838 | 39012  |
| 80.0       | 1240 | 2993 | 5140 | 8224  | 12021 | 20443 | 52076  |
| 85.0       | 417  | 2341 | 4672 | 8067  | 12358 | 23026 | 86702  |
| 90.0       | 52   | 2026 | 4432 | 8036  | 12998 | 27486 | 412816 |

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

2018-12-13