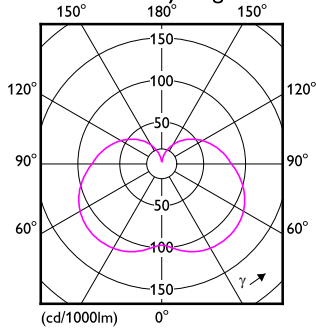
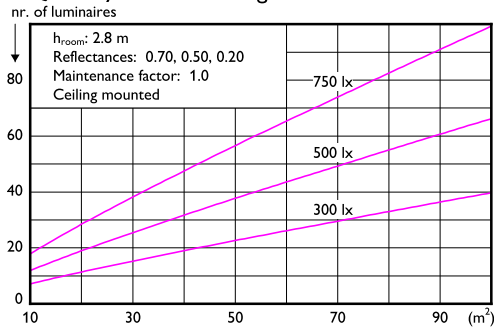


**1 x PLC 7.5W 4000K 9290037622****1 x 1050 lm****Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.33  
 Service downward 0.67

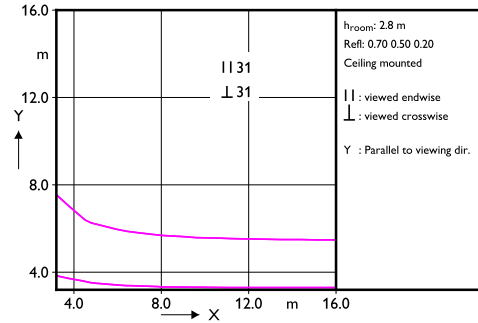
CIE flux code 27 54 79 67 100

UGRcen (4Hx8H, 0.25H) 31

**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 |      |
|              | 0.30                                                        | 0.10 | 0.30 | 0.20                | 0.10 | 0.10 | 0.10 | 0.30      | 0.10 | 0.30 | 0.10      | 0.00 |
| 0.60         | 0.36                                                        | 0.34 | 0.34 | 0.33                | 0.32 | 0.25 | 0.22 | 0.18      | 0.20 | 0.16 | 0.11      |      |
| 0.80         | 0.45                                                        | 0.43 | 0.42 | 0.41                | 0.40 | 0.32 | 0.29 | 0.24      | 0.25 | 0.21 | 0.16      |      |
| 1.00         | 0.53                                                        | 0.49 | 0.50 | 0.48                | 0.46 | 0.38 | 0.34 | 0.29      | 0.30 | 0.26 | 0.20      |      |
| 1.25         | 0.61                                                        | 0.56 | 0.57 | 0.54                | 0.52 | 0.44 | 0.40 | 0.34      | 0.35 | 0.31 | 0.24      |      |
| 1.50         | 0.67                                                        | 0.61 | 0.62 | 0.60                | 0.57 | 0.49 | 0.44 | 0.39      | 0.39 | 0.35 | 0.27      |      |
| 2.00         | 0.76                                                        | 0.68 | 0.71 | 0.67                | 0.64 | 0.57 | 0.51 | 0.46      | 0.45 | 0.41 | 0.33      |      |
| 2.50         | 0.83                                                        | 0.73 | 0.77 | 0.73                | 0.69 | 0.63 | 0.56 | 0.52      | 0.50 | 0.46 | 0.37      |      |
| 3.00         | 0.87                                                        | 0.77 | 0.81 | 0.77                | 0.72 | 0.67 | 0.60 | 0.56      | 0.53 | 0.50 | 0.40      |      |
| 4.00         | 0.94                                                        | 0.81 | 0.87 | 0.82                | 0.77 | 0.72 | 0.65 | 0.61      | 0.58 | 0.55 | 0.45      |      |
| 5.00         | 0.99                                                        | 0.85 | 0.91 | 0.85                | 0.80 | 0.76 | 0.68 | 0.65      | 0.61 | 0.58 | 0.48      |      |

Ceiling mounted

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

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 61050 | 54668 | 51296 | 50240 | 51296 | 54668 | 61050 |
| 50.0       | 60637 | 53826 | 50276 | 49170 | 50276 | 53826 | 60637 |
| 55.0       | 60249 | 53018 | 49298 | 48146 | 49298 | 53018 | 60249 |
| 60.0       | 59885 | 52232 | 48349 | 47153 | 48349 | 52232 | 59885 |
| 65.0       | 59507 | 51431 | 47389 | 46151 | 47389 | 51431 | 59507 |
| 70.0       | 59096 | 50590 | 46392 | 45115 | 46392 | 50590 | 59096 |
| 75.0       | 58684 | 49728 | 45374 | 44059 | 45374 | 49728 | 58684 |
| 80.0       | 58427 | 48965 | 44441 | 43084 | 44441 | 48965 | 58427 |
| 85.0       | 58434 | 48376 | 43653 | 42246 | 43653 | 48376 | 58434 |
| 90.0       | 58888 | 48081 | 43109 | 41640 | 43109 | 48081 | 58888 |

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

2024-11-22