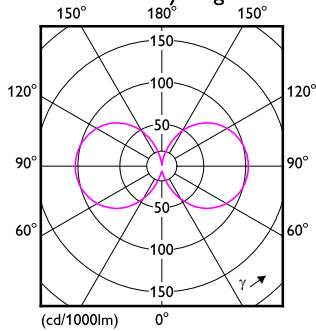
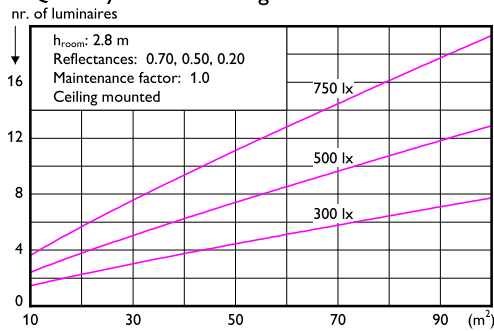


**1 x 9290036774 28.5W****1 x 6000 lm****Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.50  
 Service downward 0.50

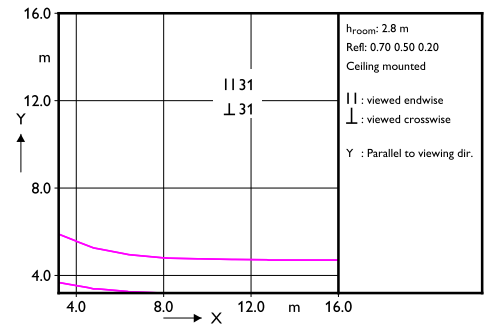
CIE flux code 13 38 68 50 100

UGRcen (4Hx8H, 0.25H) 32

**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 | 0.80 | 0.50 | 0.30 | 0.80 | 0.50 | 0.30 | 0.80 | 0.50 | 0.30 |
| 0.60         | 0.32                                                        | 0.30 | 0.29 | 0.28 | 0.27 | 0.20 | 0.16 | 0.12 | 0.13 | 0.09 | 0.04 | 0.04 |
| 0.80         | 0.40                                                        | 0.38 | 0.37 | 0.36 | 0.35 | 0.27 | 0.22 | 0.17 | 0.17 | 0.13 | 0.06 | 0.06 |
| 1.00         | 0.48                                                        | 0.44 | 0.43 | 0.42 | 0.40 | 0.32 | 0.26 | 0.21 | 0.21 | 0.17 | 0.09 | 0.09 |
| 1.25         | 0.55                                                        | 0.50 | 0.50 | 0.48 | 0.46 | 0.38 | 0.31 | 0.26 | 0.25 | 0.21 | 0.11 | 0.11 |
| 1.50         | 0.61                                                        | 0.55 | 0.55 | 0.53 | 0.51 | 0.43 | 0.35 | 0.30 | 0.28 | 0.24 | 0.14 | 0.14 |
| 2.00         | 0.70                                                        | 0.62 | 0.63 | 0.60 | 0.57 | 0.50 | 0.42 | 0.37 | 0.34 | 0.30 | 0.18 | 0.18 |
| 2.50         | 0.76                                                        | 0.67 | 0.69 | 0.65 | 0.62 | 0.55 | 0.46 | 0.42 | 0.38 | 0.34 | 0.21 | 0.21 |
| 3.00         | 0.81                                                        | 0.71 | 0.73 | 0.69 | 0.65 | 0.59 | 0.50 | 0.45 | 0.41 | 0.37 | 0.24 | 0.24 |
| 4.00         | 0.88                                                        | 0.76 | 0.80 | 0.75 | 0.70 | 0.65 | 0.55 | 0.51 | 0.45 | 0.42 | 0.28 | 0.28 |
| 5.00         | 0.92                                                        | 0.79 | 0.84 | 0.78 | 0.73 | 0.69 | 0.58 | 0.55 | 0.48 | 0.45 | 0.31 | 0.31 |

Ceiling mounted

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

| Plane Cone | 0.0    | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0   |
|------------|--------|-------|-------|-------|-------|-------|--------|
| 45.0       | 80833  | 69652 | 64080 | 62378 | 64080 | 69652 | 80833  |
| 50.0       | 85844  | 73479 | 67379 | 65523 | 67379 | 73479 | 85844  |
| 55.0       | 90254  | 76775 | 70185 | 68189 | 70185 | 76775 | 90254  |
| 60.0       | 94392  | 79818 | 72757 | 70626 | 72757 | 79818 | 94392  |
| 65.0       | 98219  | 82577 | 75063 | 72803 | 75063 | 82577 | 98219  |
| 70.0       | 101819 | 85120 | 77165 | 74781 | 77165 | 85120 | 101819 |
| 75.0       | 105508 | 87705 | 79294 | 76782 | 79294 | 87705 | 105508 |
| 80.0       | 108994 | 90083 | 81223 | 78587 | 81223 | 90083 | 108994 |
| 85.0       | 112709 | 92601 | 83263 | 80495 | 83263 | 92601 | 112709 |
| 90.0       | 116694 | 95280 | 85426 | 82515 | 85426 | 95280 | 116694 |

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

2023-06-12