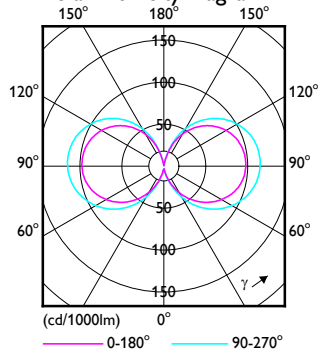
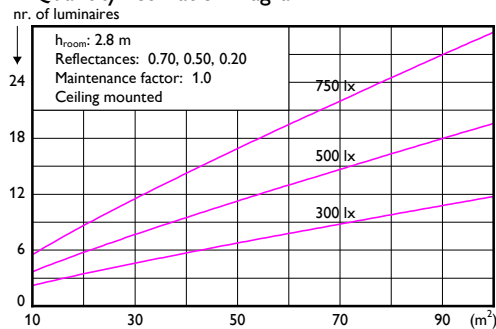


**1 x 9290043412 2700K 26W****1 x 4000 lm****Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.52  
 Service downward 0.48

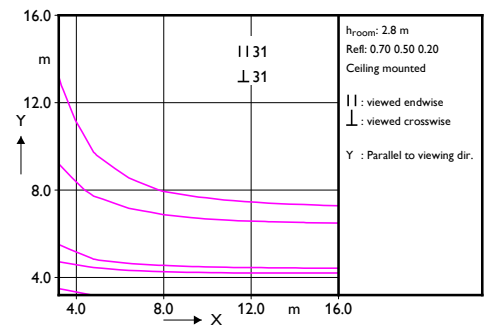
CIE flux code 11 36 66 48 100

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 |      |      |      | 0.30 0.30 |      |      |      |
|              | 0.80                                                        | 0.50 | 0.30 | 0.10 | 0.80      | 0.50 | 0.30 | 0.10 | 0.80      | 0.50 | 0.30 | 0.10 | 0.80      | 0.50 | 0.30 | 0.10 |
| 0.60         | 0.31                                                        | 0.30 | 0.28 | 0.28 | 0.27      | 0.19 | 0.16 | 0.11 | 0.12      | 0.08 | 0.03 |      |           |      |      |      |
| 0.80         | 0.40                                                        | 0.37 | 0.36 | 0.35 | 0.34      | 0.26 | 0.21 | 0.16 | 0.16      | 0.12 | 0.05 |      |           |      |      |      |
| 1.00         | 0.47                                                        | 0.44 | 0.43 | 0.41 | 0.40      | 0.32 | 0.26 | 0.21 | 0.20      | 0.16 | 0.08 |      |           |      |      |      |
| 1.25         | 0.54                                                        | 0.50 | 0.49 | 0.47 | 0.45      | 0.37 | 0.31 | 0.25 | 0.24      | 0.20 | 0.10 |      |           |      |      |      |
| 1.50         | 0.60                                                        | 0.55 | 0.54 | 0.52 | 0.50      | 0.42 | 0.34 | 0.29 | 0.27      | 0.23 | 0.13 |      |           |      |      |      |
| 2.00         | 0.69                                                        | 0.62 | 0.62 | 0.59 | 0.57      | 0.49 | 0.41 | 0.36 | 0.32      | 0.28 | 0.17 |      |           |      |      |      |
| 2.50         | 0.76                                                        | 0.67 | 0.68 | 0.64 | 0.61      | 0.55 | 0.45 | 0.41 | 0.36      | 0.32 | 0.20 |      |           |      |      |      |
| 3.00         | 0.80                                                        | 0.70 | 0.73 | 0.68 | 0.65      | 0.58 | 0.49 | 0.44 | 0.39      | 0.36 | 0.22 |      |           |      |      |      |
| 4.00         | 0.87                                                        | 0.75 | 0.79 | 0.74 | 0.69      | 0.64 | 0.53 | 0.50 | 0.43      | 0.40 | 0.26 |      |           |      |      |      |
| 5.00         | 0.92                                                        | 0.79 | 0.83 | 0.77 | 0.72      | 0.68 | 0.57 | 0.53 | 0.46      | 0.43 | 0.28 |      |           |      |      |      |

Ceiling mounted

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

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 40475 | 35191 | 33012 | 32990 | 34994 | 39546 | 48228 |
| 50.0       | 42949 | 37167 | 34783 | 34727 | 36850 | 41721 | 51092 |
| 55.0       | 45173 | 38912 | 36325 | 36225 | 38441 | 43583 | 53558 |
| 60.0       | 47217 | 40493 | 37707 | 37559 | 39851 | 45232 | 55756 |
| 65.0       | 49070 | 41910 | 38940 | 38745 | 41107 | 46709 | 57746 |
| 70.0       | 50815 | 43236 | 40090 | 39853 | 42284 | 48100 | 59638 |
| 75.0       | 52325 | 44373 | 41078 | 40812 | 43316 | 49343 | 61368 |
| 80.0       | 53709 | 45410 | 41982 | 41697 | 44280 | 50520 | 63037 |
| 85.0       | 54957 | 46323 | 42766 | 42460 | 45112 | 51548 | 64525 |
| 90.0       | 56120 | 47162 | 43486 | 43165 | 45889 | 52523 | 65969 |

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

2025-09-28