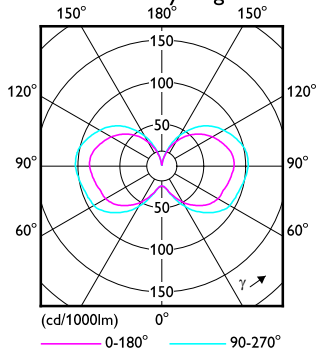
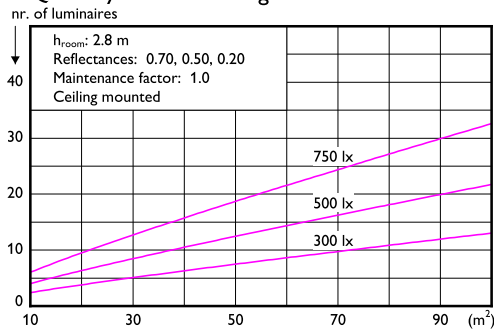


**1 x 27CC/LED/830 929002395500****1 x 3500 lm****Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.48  
 Service downward 0.52

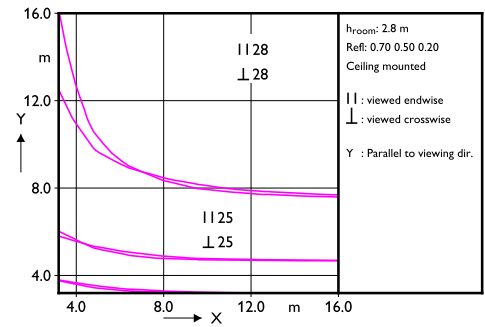
CIE flux code 16 41 70 52 100

UGRcen (4Hx8H, 0.25H) 27

**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         | 0.32                                                        | 0.31 | 0.30 | 0.29 | 0.28      | 0.21 | 0.17 | 0.13 | 0.14      | 0.10 | 0.05 |      |           |      |      |      |
| 0.80         | 0.41                                                        | 0.39 | 0.38 | 0.37 | 0.36      | 0.28 | 0.23 | 0.18 | 0.18      | 0.14 | 0.08 |      |           |      |      |      |
| 1.00         | 0.49                                                        | 0.45 | 0.44 | 0.43 | 0.41      | 0.33 | 0.28 | 0.23 | 0.22      | 0.18 | 0.10 |      |           |      |      |      |
| 1.25         | 0.56                                                        | 0.51 | 0.51 | 0.49 | 0.47      | 0.39 | 0.33 | 0.27 | 0.26      | 0.22 | 0.13 |      |           |      |      |      |
| 1.50         | 0.62                                                        | 0.56 | 0.56 | 0.54 | 0.52      | 0.44 | 0.37 | 0.32 | 0.30      | 0.26 | 0.16 |      |           |      |      |      |
| 2.00         | 0.71                                                        | 0.63 | 0.64 | 0.61 | 0.58      | 0.51 | 0.43 | 0.38 | 0.35      | 0.31 | 0.20 |      |           |      |      |      |
| 2.50         | 0.77                                                        | 0.68 | 0.70 | 0.66 | 0.63      | 0.56 | 0.48 | 0.43 | 0.39      | 0.36 | 0.24 |      |           |      |      |      |
| 3.00         | 0.82                                                        | 0.72 | 0.75 | 0.70 | 0.66      | 0.60 | 0.51 | 0.47 | 0.42      | 0.39 | 0.26 |      |           |      |      |      |
| 4.00         | 0.89                                                        | 0.77 | 0.81 | 0.76 | 0.71      | 0.66 | 0.56 | 0.52 | 0.47      | 0.44 | 0.30 |      |           |      |      |      |
| 5.00         | 0.93                                                        | 0.80 | 0.85 | 0.79 | 0.74      | 0.70 | 0.59 | 0.56 | 0.50      | 0.47 | 0.33 |      |           |      |      |      |

Ceiling mounted

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

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 8343  | 10080 | 9115  | 9335  | 7529  | 10021 | 9851  |
| 50.0       | 9376  | 11285 | 10237 | 10414 | 8335  | 11175 | 11159 |
| 55.0       | 10415 | 12534 | 11380 | 11559 | 9181  | 12421 | 12567 |
| 60.0       | 11538 | 13777 | 12402 | 12637 | 10041 | 13642 | 13933 |
| 65.0       | 12661 | 14991 | 13397 | 13704 | 10843 | 14884 | 15296 |
| 70.0       | 14124 | 16557 | 14658 | 14971 | 11857 | 16400 | 17071 |
| 75.0       | 16243 | 18631 | 16339 | 16674 | 13307 | 18387 | 19499 |
| 80.0       | 19000 | 21374 | 18549 | 18841 | 15086 | 21049 | 22827 |
| 85.0       | 23005 | 25108 | 21522 | 21763 | 17583 | 24781 | 27573 |
| 90.0       | 28977 | 30391 | 25622 | 25757 | 20977 | 30016 | 34640 |

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

2019-12-20