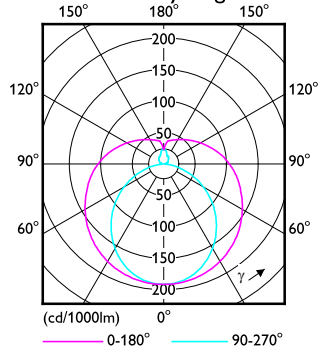


## 1 x TLED 8W 4000K 9290024207

1 x 1050 lm

Polar intensity diagram

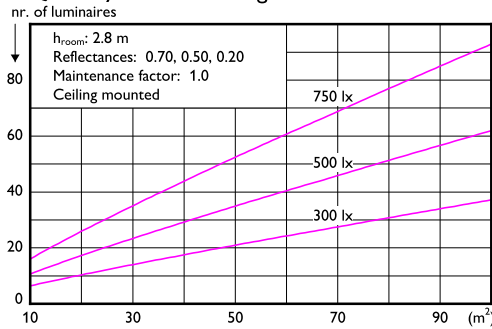


Light output ratio 1.00  
Service upward 0.27  
Service downward 0.73

CIE flux code 36 64 85 73 100

UGRcen (4Hx8H, 0.25H) 26

Quantity estimation diagram

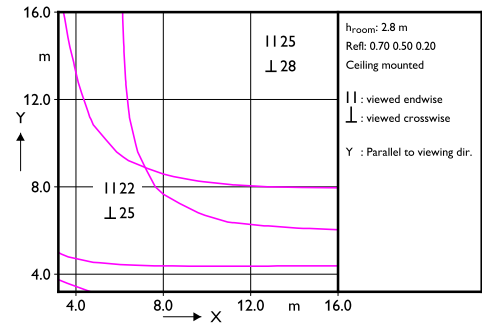


Utilisation factor table

| 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         | 0.40                                                        | 0.50 | 0.60 | 0.38 | 0.47 | 0.55 | 0.37 | 0.46 | 0.54 | 0.29 | 0.37 | 0.45 |
| 0.80         | 0.50                                                        | 0.60 | 0.70 | 0.47 | 0.55 | 0.63 | 0.46 | 0.54 | 0.62 | 0.37 | 0.45 | 0.53 |
| 1.00         | 0.58                                                        | 0.68 | 0.78 | 0.54 | 0.63 | 0.71 | 0.51 | 0.60 | 0.68 | 0.43 | 0.51 | 0.59 |
| 1.25         | 0.65                                                        | 0.75 | 0.85 | 0.62 | 0.71 | 0.80 | 0.59 | 0.68 | 0.77 | 0.50 | 0.59 | 0.67 |
| 1.50         | 0.72                                                        | 0.82 | 0.92 | 0.67 | 0.76 | 0.85 | 0.62 | 0.71 | 0.80 | 0.55 | 0.64 | 0.72 |
| 2.00         | 0.81                                                        | 0.91 | 1.00 | 0.76 | 0.85 | 0.94 | 0.69 | 0.78 | 0.87 | 0.63 | 0.72 | 0.80 |
| 2.50         | 0.87                                                        | 0.97 | 1.00 | 0.82 | 0.91 | 1.00 | 0.74 | 0.83 | 0.92 | 0.68 | 0.77 | 0.85 |
| 3.00         | 0.92                                                        | 1.00 | 1.00 | 0.86 | 0.94 | 1.00 | 0.77 | 0.85 | 0.92 | 0.72 | 0.80 | 0.87 |
| 4.00         | 0.98                                                        | 1.00 | 1.00 | 0.92 | 0.98 | 1.00 | 0.81 | 0.87 | 0.92 | 0.77 | 0.83 | 0.88 |
| 5.00         | 1.02                                                        | 1.00 | 1.00 | 0.96 | 0.99 | 1.00 | 0.84 | 0.88 | 0.92 | 0.80 | 0.84 | 0.88 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 12621 | 12552 | 12498 | 12606 | 13091 | 14438 | 17563 |
| 50.0       | 12200 | 12097 | 11980 | 11990 | 12323 | 13517 | 16885 |
| 55.0       | 11828 | 11709 | 11524 | 11413 | 11549 | 12526 | 16069 |
| 60.0       | 11530 | 11387 | 11160 | 10923 | 10826 | 11506 | 15184 |
| 65.0       | 11283 | 11153 | 10847 | 10493 | 10158 | 10416 | 14035 |
| 70.0       | 11118 | 10992 | 10636 | 10175 | 9610  | 9306  | 12670 |
| 75.0       | 11074 | 10943 | 10555 | 10031 | 9195  | 8208  | 10909 |
| 80.0       | 11114 | 10962 | 10606 | 9993  | 8953  | 7149  | 8310  |
| 85.0       | 11202 | 11001 | 10685 | 10116 | 8905  | 6421  | 4670  |
| 90.0       | 11385 | 11189 | 10851 | 10295 | 9190  | 6461  | 3122  |

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

2020-06-17