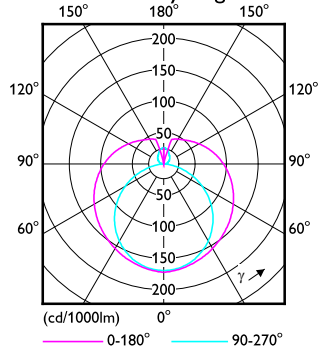


## 1 x TLED 18W 4000K 9290022261

1 x 1800 lm

Polar intensity diagram

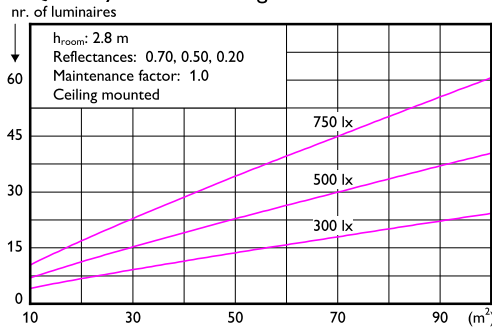


Light output ratio 0.90  
Service upward 0.25  
Service downward 0.65

CIE flux code 36 63 84 72 90

UGRcen (4Hx8H, 0.25H) 25

Quantity estimation diagram

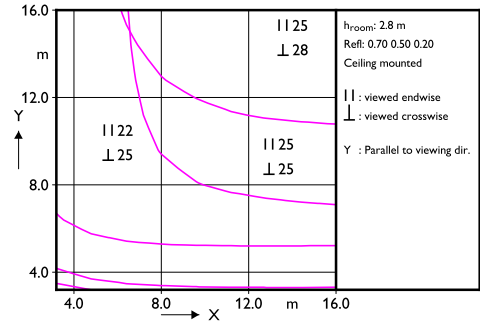


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |
|--------------|-------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80                                                        |      |      | 0.70 |      |      | 0.50 |      |      | 0.30 |      |      |
|              | 0.80                                                        | 0.80 | 0.80 | 0.70 | 0.70 | 0.70 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.00 |
| 0.60         | 0.36                                                        | 0.34 | 0.34 | 0.34 | 0.34 | 0.33 | 0.24 | 0.20 | 0.22 | 0.19 | 0.15 | 0.00 |
| 0.80         | 0.45                                                        | 0.42 | 0.42 | 0.41 | 0.41 | 0.40 | 0.30 | 0.26 | 0.28 | 0.24 | 0.20 | 0.00 |
| 1.00         | 0.52                                                        | 0.48 | 0.49 | 0.47 | 0.46 | 0.39 | 0.36 | 0.31 | 0.32 | 0.29 | 0.24 | 0.00 |
| 1.25         | 0.59                                                        | 0.54 | 0.55 | 0.53 | 0.51 | 0.44 | 0.41 | 0.36 | 0.37 | 0.33 | 0.28 | 0.00 |
| 1.50         | 0.64                                                        | 0.58 | 0.60 | 0.58 | 0.55 | 0.49 | 0.45 | 0.40 | 0.41 | 0.37 | 0.31 | 0.00 |
| 2.00         | 0.72                                                        | 0.65 | 0.68 | 0.65 | 0.62 | 0.56 | 0.51 | 0.47 | 0.47 | 0.43 | 0.36 | 0.00 |
| 2.50         | 0.78                                                        | 0.69 | 0.73 | 0.69 | 0.66 | 0.61 | 0.55 | 0.52 | 0.50 | 0.47 | 0.40 | 0.00 |
| 3.00         | 0.82                                                        | 0.72 | 0.77 | 0.73 | 0.69 | 0.64 | 0.59 | 0.55 | 0.53 | 0.51 | 0.43 | 0.00 |
| 4.00         | 0.88                                                        | 0.76 | 0.82 | 0.77 | 0.73 | 0.69 | 0.63 | 0.60 | 0.57 | 0.55 | 0.47 | 0.00 |
| 5.00         | 0.92                                                        | 0.79 | 0.86 | 0.80 | 0.75 | 0.72 | 0.66 | 0.63 | 0.60 | 0.58 | 0.49 | 0.00 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0  | 15.0 | 30.0 | 45.0 | 60.0  | 75.0  | 90.0  |
|------------|------|------|------|------|-------|-------|-------|
| 45.0       | 9401 | 9224 | 9360 | 9604 | 10215 | 11788 | 14351 |
| 50.0       | 9128 | 8918 | 9037 | 9181 | 9695  | 11259 | 13981 |
| 55.0       | 8903 | 8662 | 8765 | 8794 | 9188  | 10690 | 13519 |
| 60.0       | 8731 | 8457 | 8543 | 8453 | 8712  | 10090 | 12945 |
| 65.0       | 8607 | 8299 | 8372 | 8153 | 8259  | 9430  | 12180 |
| 70.0       | 8536 | 8196 | 8258 | 7913 | 7868  | 8726  | 11145 |
| 75.0       | 8515 | 8145 | 8205 | 7742 | 7549  | 7979  | 9695  |
| 80.0       | 8562 | 8160 | 8223 | 7658 | 7340  | 7248  | 7624  |
| 85.0       | 8677 | 8247 | 8326 | 7664 | 7228  | 6682  | 4668  |
| 90.0       | 8886 | 8428 | 8541 | 7834 | 7375  | 7029  | 3513  |

(cd/m²)

2021-09-03