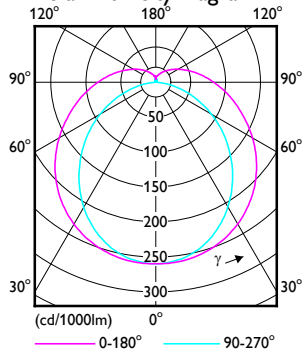


**TLED 14W 1 x TLED 14W 4000K 160D 9290013754**

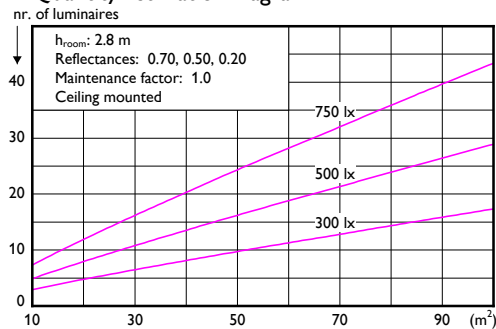
1 x 2100 lm

**Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.14  
 Service downward 0.86

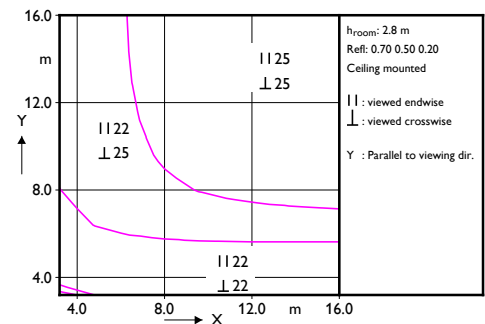
CIE flux code 41 70 88 86 100

UGRcen (4Hx8H, 0.25H) 24

**Quantity estimation diagram****Utilisation factor table**

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |
|--------------|-------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80                                                        |      |      |      | 0.70 |      |      |      | 0.50 |      |      |      |
|              | 0.80                                                        | 0.80 | 0.70 | 0.70 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 | 0.00 | 0.00 |
| 0.60         | 0.43                                                        | 0.41 | 0.42 | 0.41 | 0.40 | 0.33 | 0.31 | 0.27 | 0.30 | 0.26 | 0.23 | 0.23 |
| 0.80         | 0.53                                                        | 0.50 | 0.52 | 0.50 | 0.49 | 0.41 | 0.39 | 0.34 | 0.37 | 0.33 | 0.29 | 0.29 |
| 1.00         | 0.62                                                        | 0.57 | 0.59 | 0.57 | 0.55 | 0.48 | 0.46 | 0.40 | 0.44 | 0.39 | 0.35 | 0.35 |
| 1.25         | 0.70                                                        | 0.64 | 0.67 | 0.64 | 0.62 | 0.55 | 0.52 | 0.47 | 0.50 | 0.45 | 0.41 | 0.41 |
| 1.50         | 0.76                                                        | 0.69 | 0.73 | 0.70 | 0.67 | 0.60 | 0.57 | 0.52 | 0.54 | 0.50 | 0.45 | 0.45 |
| 2.00         | 0.85                                                        | 0.76 | 0.82 | 0.78 | 0.74 | 0.68 | 0.65 | 0.60 | 0.61 | 0.58 | 0.53 | 0.53 |
| 2.50         | 0.92                                                        | 0.81 | 0.88 | 0.83 | 0.79 | 0.73 | 0.70 | 0.66 | 0.66 | 0.63 | 0.57 | 0.57 |
| 3.00         | 0.97                                                        | 0.84 | 0.92 | 0.87 | 0.82 | 0.77 | 0.73 | 0.70 | 0.70 | 0.67 | 0.61 | 0.61 |
| 4.00         | 1.03                                                        | 0.89 | 0.98 | 0.92 | 0.86 | 0.82 | 0.78 | 0.75 | 0.74 | 0.71 | 0.66 | 0.66 |
| 5.00         | 1.07                                                        | 0.92 | 1.02 | 0.95 | 0.89 | 0.85 | 0.81 | 0.78 | 0.77 | 0.75 | 0.69 | 0.69 |

Ceiling mounted

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

| Plane Cone | 0.0  | 15.0 | 30.0 | 45.0 | 60.0 | 75.0  | 90.0  |
|------------|------|------|------|------|------|-------|-------|
| 45.0       | 8887 | 8641 | 8685 | 9035 | 9764 | 11015 | 13079 |
| 50.0       | 8338 | 8056 | 8065 | 8383 | 9066 | 10305 | 12487 |
| 55.0       | 7800 | 7490 | 7470 | 7760 | 8370 | 9556  | 11811 |
| 60.0       | 7301 | 6962 | 6912 | 7169 | 7682 | 8775  | 11053 |
| 65.0       | 6817 | 6458 | 6385 | 6618 | 7003 | 7947  | 10161 |
| 70.0       | 6386 | 6007 | 5911 | 6118 | 6352 | 7095  | 9143  |
| 75.0       | 6014 | 5623 | 5514 | 5711 | 5758 | 6215  | 7859  |
| 80.0       | 5691 | 5286 | 5166 | 5356 | 5192 | 5271  | 6054  |
| 85.0       | 5401 | 4987 | 4862 | 5057 | 4711 | 4404  | 3478  |
| 90.0       | 5161 | 4733 | 4603 | 4808 | 4483 | 4214  | 1658  |

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

2017-05-17