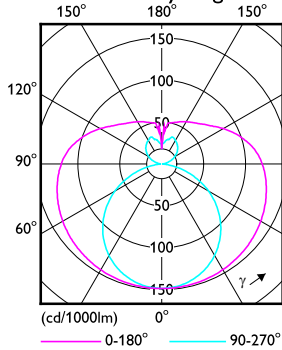


## 1 x TLED 8W 4000K 9290031586

1 x 900 lm

Polar intensity diagram

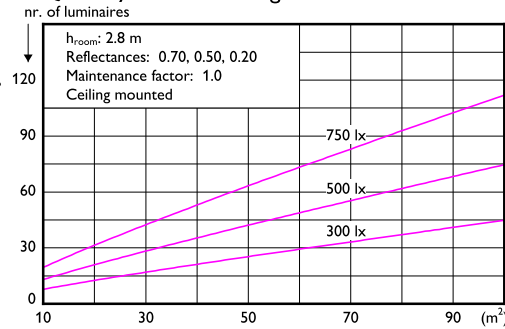


Light output ratio 1.01  
Service upward 0.35  
Service downward 0.66

CIE flux code 33 60 82 65 101

UGRcen (4Hx8H, 0.25H) 24

Quantity estimation diagram

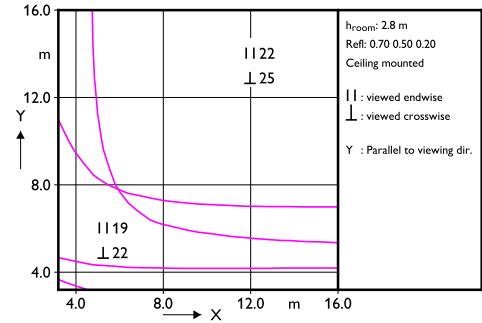


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |
|--------------|-------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80                                                        | 0.80 | 0.70 | 0.70 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 | 0.00 | 0.00 |
| 0.60         | 0.80                                                        | 0.80 | 0.70 | 0.70 | 0.70 | 0.70 | 0.30 | 0.10 | 0.30 | 0.10 | 0.00 | 0.00 |
| 0.80         | 0.50                                                        | 0.50 | 0.30 | 0.20 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 1.00         | 0.30                                                        | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 1.25         | 0.39                                                        | 0.37 | 0.36 | 0.36 | 0.35 | 0.28 | 0.25 | 0.20 | 0.22 | 0.18 | 0.14 | 0.14 |
| 1.50         | 0.48                                                        | 0.45 | 0.45 | 0.44 | 0.43 | 0.35 | 0.31 | 0.27 | 0.28 | 0.24 | 0.18 | 0.18 |
| 1.75         | 0.56                                                        | 0.52 | 0.52 | 0.51 | 0.49 | 0.41 | 0.37 | 0.32 | 0.33 | 0.29 | 0.22 | 0.22 |
| 2.00         | 0.64                                                        | 0.58 | 0.60 | 0.57 | 0.55 | 0.48 | 0.43 | 0.38 | 0.38 | 0.34 | 0.26 | 0.26 |
| 2.50         | 0.70                                                        | 0.63 | 0.65 | 0.62 | 0.60 | 0.53 | 0.47 | 0.42 | 0.42 | 0.38 | 0.30 | 0.30 |
| 3.00         | 0.79                                                        | 0.71 | 0.74 | 0.70 | 0.67 | 0.60 | 0.54 | 0.49 | 0.48 | 0.44 | 0.35 | 0.35 |
| 4.00         | 0.85                                                        | 0.75 | 0.79 | 0.75 | 0.71 | 0.65 | 0.59 | 0.54 | 0.52 | 0.49 | 0.39 | 0.39 |
| 5.00         | 0.90                                                        | 0.79 | 0.84 | 0.79 | 0.75 | 0.69 | 0.62 | 0.58 | 0.55 | 0.52 | 0.42 | 0.42 |
|              | 0.97                                                        | 0.84 | 0.90 | 0.84 | 0.79 | 0.75 | 0.67 | 0.63 | 0.59 | 0.57 | 0.46 | 0.46 |
|              | 1.01                                                        | 0.87 | 0.93 | 0.87 | 0.82 | 0.78 | 0.70 | 0.67 | 0.62 | 0.60 | 0.49 | 0.49 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0  | 15.0 | 30.0 | 45.0 | 60.0 | 75.0 | 90.0 |
|------------|------|------|------|------|------|------|------|
| 45.0       | 6002 | 5861 | 5920 | 5919 | 6112 | 6844 | 8057 |
| 50.0       | 5951 | 5783 | 5827 | 5749 | 5862 | 6570 | 7828 |
| 55.0       | 5940 | 5741 | 5770 | 5607 | 5626 | 6283 | 7550 |
| 60.0       | 5968 | 5737 | 5749 | 5494 | 5405 | 5967 | 7173 |
| 65.0       | 6041 | 5779 | 5779 | 5425 | 5218 | 5630 | 6669 |
| 70.0       | 6153 | 5856 | 5845 | 5396 | 5074 | 5274 | 5981 |
| 75.0       | 6316 | 5989 | 5976 | 5434 | 4996 | 4915 | 5026 |
| 80.0       | 6531 | 6176 | 6170 | 5556 | 5030 | 4616 | 3693 |
| 85.0       | 6809 | 6432 | 6451 | 5793 | 5232 | 4551 | 1984 |
| 90.0       | 7170 | 6769 | 6826 | 6170 | 5662 | 5147 | 1034 |

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

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