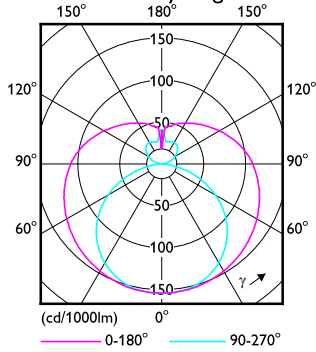


## 1 x TLED 12W 5000K 9290035244

1 x 1800 lm

Polar intensity diagram

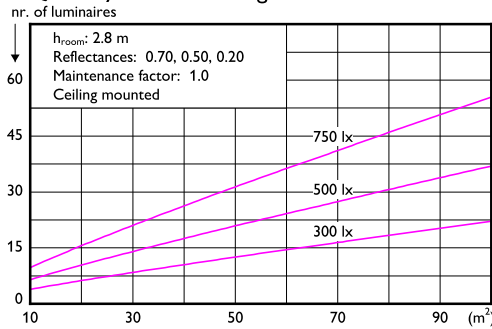


Light output ratio 1.01  
Service upward 0.33  
Service downward 0.68

CIE flux code 33 61 83 67 101

UGRcen (4Hx8H, 0.25H) 24

Quantity estimation diagram

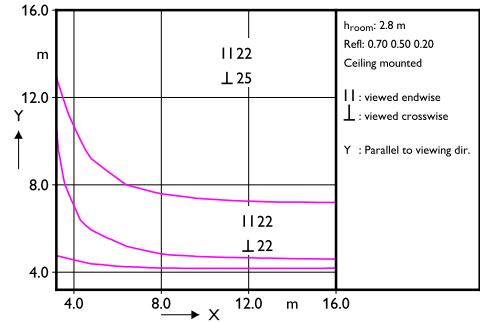


Utilisation factor table

| 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         | 0.39                                                        | 0.37 | 0.37 | 0.36 | 0.35 | 0.28 | 0.25 | 0.20 | 0.22 | 0.18 | 0.14 | 0.14 |
| 1.25         | 0.48                                                        | 0.45 | 0.45 | 0.44 | 0.43 | 0.35 | 0.32 | 0.27 | 0.28 | 0.24 | 0.19 | 0.19 |
| 1.50         | 0.56                                                        | 0.52 | 0.53 | 0.51 | 0.49 | 0.42 | 0.37 | 0.32 | 0.33 | 0.29 | 0.23 | 0.23 |
| 2.00         | 0.64                                                        | 0.59 | 0.60 | 0.58 | 0.56 | 0.48 | 0.43 | 0.38 | 0.39 | 0.34 | 0.27 | 0.27 |
| 2.50         | 0.70                                                        | 0.64 | 0.66 | 0.63 | 0.60 | 0.53 | 0.48 | 0.43 | 0.43 | 0.39 | 0.31 | 0.31 |
| 3.00         | 0.80                                                        | 0.71 | 0.74 | 0.71 | 0.67 | 0.61 | 0.55 | 0.50 | 0.49 | 0.45 | 0.37 | 0.37 |
| 4.00         | 0.86                                                        | 0.76 | 0.80 | 0.76 | 0.72 | 0.66 | 0.60 | 0.55 | 0.53 | 0.50 | 0.41 | 0.41 |
| 5.00         | 0.91                                                        | 0.79 | 0.85 | 0.80 | 0.75 | 0.70 | 0.63 | 0.59 | 0.57 | 0.53 | 0.44 | 0.44 |
|              | 0.97                                                        | 0.84 | 0.90 | 0.85 | 0.80 | 0.75 | 0.68 | 0.65 | 0.61 | 0.58 | 0.48 | 0.48 |
|              | 1.01                                                        | 0.87 | 0.94 | 0.88 | 0.83 | 0.79 | 0.71 | 0.68 | 0.64 | 0.61 | 0.51 | 0.51 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0  | 15.0 | 30.0 | 45.0 | 60.0 | 75.0 | 90.0 |
|------------|------|------|------|------|------|------|------|
| 45.0       | 5934 | 5901 | 6075 | 6263 | 6699 | 7626 | 9146 |
| 50.0       | 5822 | 5778 | 5954 | 6077 | 6453 | 7389 | 9031 |
| 55.0       | 5769 | 5694 | 5853 | 5907 | 6216 | 7119 | 8831 |
| 60.0       | 5734 | 5632 | 5779 | 5752 | 5974 | 6799 | 8526 |
| 65.0       | 5733 | 5618 | 5770 | 5647 | 5761 | 6448 | 8088 |
| 70.0       | 5791 | 5646 | 5788 | 5577 | 5591 | 6056 | 7421 |
| 75.0       | 5888 | 5714 | 5852 | 5557 | 5475 | 5670 | 6574 |
| 80.0       | 6026 | 5835 | 5989 | 5619 | 5455 | 5268 | 5114 |
| 85.0       | 6211 | 6010 | 6195 | 5785 | 5601 | 5063 | 2943 |
| 90.0       | 6496 | 6265 | 6475 | 6079 | 5986 | 5606 | 1260 |

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

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2022-06-15