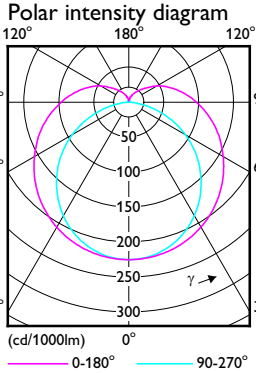


1 x TLED 18W 4000K 160D 9290011877

1 x 2100 lm

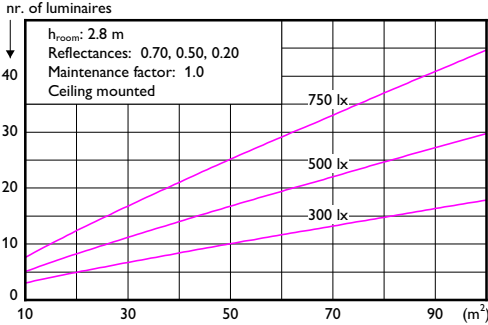


Light output ratio 1.00  
 Service upward 0.17  
 Service downward 0.83

CIE flux code 38 66 86 83 100

UGRcen (4Hx8H, 0.25H) 25

Quantity estimation diagram

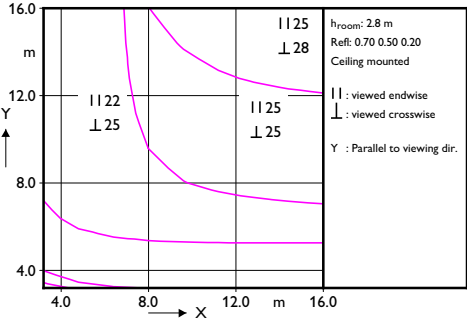


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------|---|------|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80  |      |      | 0.70 |      |      | 0.50 |      |      | 0.30 |      |      | 0.00 |
|              | 0.80  | 0.80 | 0.70 | 0.70 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 | 0.30 | 0.00 |      |
| 0.30         | 0.10  | 0.10 | 0.30 | 0.20 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.00 |      |
| 0.60         | 0.42  | 0.40 | 0.40 | 0.39 | 0.38 | 0.31 | 0.29 | 0.25 | 0.28 | 0.24 | 0.20 |      |      |
| 0.80         | 0.51  | 0.48 | 0.49 | 0.48 | 0.47 | 0.39 | 0.37 | 0.32 | 0.35 | 0.30 | 0.26 |      |      |
| 1.00         | 0.60  | 0.55 | 0.57 | 0.55 | 0.53 | 0.46 | 0.43 | 0.38 | 0.41 | 0.36 | 0.32 |      |      |
| 1.25         | 0.67  | 0.62 | 0.65 | 0.62 | 0.60 | 0.52 | 0.49 | 0.44 | 0.46 | 0.42 | 0.37 |      |      |
| 1.50         | 0.74  | 0.67 | 0.70 | 0.67 | 0.65 | 0.57 | 0.54 | 0.49 | 0.51 | 0.47 | 0.41 |      |      |
| 2.00         | 0.83  | 0.74 | 0.79 | 0.75 | 0.72 | 0.65 | 0.62 | 0.57 | 0.58 | 0.54 | 0.48 |      |      |
| 2.50         | 0.90  | 0.79 | 0.85 | 0.81 | 0.77 | 0.71 | 0.67 | 0.62 | 0.63 | 0.59 | 0.53 |      |      |
| 3.00         | 0.94  | 0.83 | 0.90 | 0.85 | 0.80 | 0.75 | 0.70 | 0.67 | 0.66 | 0.63 | 0.57 |      |      |
| 4.00         | 1.01  | 0.87 | 0.96 | 0.90 | 0.84 | 0.80 | 0.75 | 0.72 | 0.71 | 0.68 | 0.62 |      |      |
| 5.00         | 1.05  | 0.90 | 1.00 | 0.93 | 0.87 | 0.83 | 0.79 | 0.76 | 0.74 | 0.71 | 0.65 |      |      |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0  | 15.0 | 30.0 | 45.0 | 60.0 | 75.0  | 90.0  |
|------------|------|------|------|------|------|-------|-------|
| 45.0       | 8115 | 8127 | 8254 | 8535 | 9106 | 10252 | 12519 |
| 50.0       | 7754 | 7753 | 7856 | 8082 | 8595 | 9750  | 12207 |
| 55.0       | 7422 | 7409 | 7480 | 7666 | 8112 | 9148  | 11773 |
| 60.0       | 7126 | 7098 | 7142 | 7281 | 7598 | 8494  | 11238 |
| 65.0       | 6857 | 6827 | 6865 | 6896 | 7088 | 7772  | 10540 |
| 70.0       | 6652 | 6605 | 6586 | 6548 | 6595 | 6982  | 9632  |
| 75.0       | 6443 | 6385 | 6340 | 6237 | 6135 | 6131  | 8375  |
| 80.0       | 6268 | 6202 | 6139 | 5974 | 5723 | 5258  | 6592  |
| 85.0       | 6130 | 6058 | 5980 | 5770 | 5397 | 4482  | 4092  |
| 90.0       | 6038 | 5961 | 5876 | 5640 | 5197 | 4013  | 1301  |

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

SL18657

2015-08-03