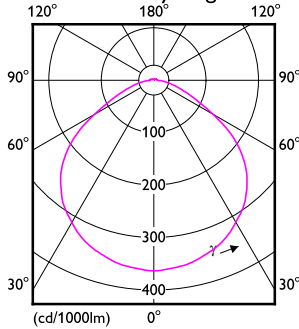


## 1 x TForce LED 929002350800

1 x 13000 lm

Polar intensity diagram

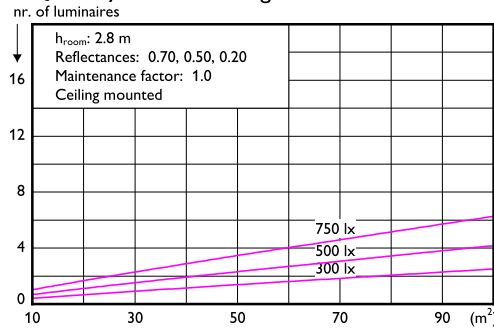


Light output ratio 1.00  
Service upward 0.03  
Service downward 0.97

CIE flux code 51 84 97 97 100

UGRcen (4Hx8H, 0.25H) 24

Quantity estimation diagram

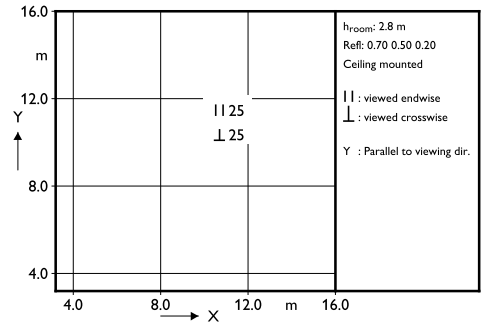


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |
|--------------|-------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80                                                        | 0.80 | 0.70 | 0.70 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 | 0.00 | 0.00 |
| 0.60         | 0.50                                                        | 0.47 | 0.49 | 0.48 | 0.47 | 0.39 | 0.39 | 0.34 | 0.38 | 0.34 | 0.32 | 0.32 |
| 0.80         | 0.61                                                        | 0.57 | 0.60 | 0.58 | 0.56 | 0.49 | 0.48 | 0.43 | 0.47 | 0.43 | 0.41 | 0.41 |
| 1.00         | 0.70                                                        | 0.65 | 0.68 | 0.66 | 0.64 | 0.57 | 0.56 | 0.51 | 0.55 | 0.51 | 0.48 | 0.48 |
| 1.25         | 0.79                                                        | 0.72 | 0.77 | 0.74 | 0.71 | 0.65 | 0.63 | 0.59 | 0.62 | 0.58 | 0.55 | 0.55 |
| 1.50         | 0.85                                                        | 0.77 | 0.83 | 0.79 | 0.76 | 0.70 | 0.69 | 0.64 | 0.67 | 0.64 | 0.61 | 0.61 |
| 2.00         | 0.95                                                        | 0.85 | 0.92 | 0.88 | 0.83 | 0.78 | 0.77 | 0.73 | 0.75 | 0.72 | 0.69 | 0.69 |
| 2.50         | 1.01                                                        | 0.89 | 0.98 | 0.93 | 0.88 | 0.84 | 0.82 | 0.79 | 0.80 | 0.77 | 0.74 | 0.74 |
| 3.00         | 1.06                                                        | 0.92 | 1.02 | 0.96 | 0.91 | 0.87 | 0.85 | 0.83 | 0.83 | 0.81 | 0.78 | 0.78 |
| 4.00         | 1.11                                                        | 0.96 | 1.07 | 1.01 | 0.95 | 0.92 | 0.90 | 0.87 | 0.88 | 0.86 | 0.82 | 0.82 |
| 5.00         | 1.15                                                        | 0.98 | 1.11 | 1.03 | 0.97 | 0.94 | 0.92 | 0.90 | 0.90 | 0.88 | 0.85 | 0.85 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 34641 | 30965 | 29028 | 28422 | 29028 | 30965 | 34641 |
| 50.0       | 30322 | 26870 | 25075 | 24517 | 25075 | 26870 | 30322 |
| 55.0       | 25066 | 22020 | 20458 | 19975 | 20458 | 22020 | 25066 |
| 60.0       | 18616 | 16212 | 14994 | 14620 | 14994 | 16212 | 18616 |
| 65.0       | 13035 | 11250 | 10358 | 10086 | 10358 | 11250 | 13035 |
| 70.0       | 9297  | 7949  | 7285  | 7083  | 7285  | 7949  | 9297  |
| 75.0       | 6603  | 5589  | 5097  | 4949  | 5097  | 5589  | 6603  |
| 80.0       | 4422  | 3703  | 3359  | 3256  | 3359  | 3703  | 4422  |
| 85.0       | 2703  | 2236  | 2018  | 1953  | 2018  | 2236  | 2703  |
| 90.0       | 1311  | 1071  | 960   | 927   | 960   | 1071  | 1311  |

(cd/m²)

2020-05-21