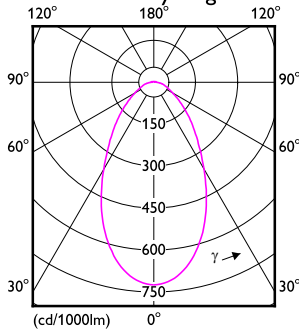


**1 x TForce LED 929002350700**

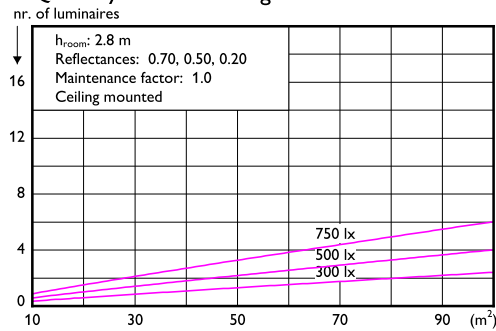
1 x 13000 lm

**Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.03  
 Service downward 0.97

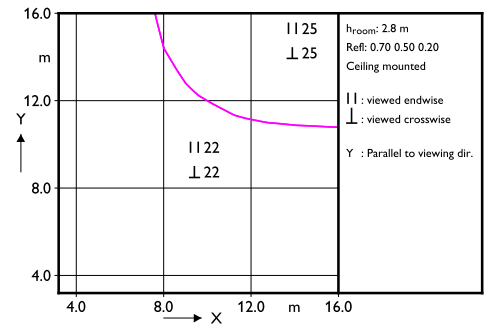
CIE flux code 66 88 96 97 100

UGRcen (4Hx8H, 0.25H) 22

**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         | 0.80                                                        | 0.80 | 0.70 | 0.70 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 | 0.00 | 0.00 |
| 0.80         | 0.78                                                        | 0.72 | 0.76 | 0.74 | 0.71 | 0.66 | 0.65 | 0.61 | 0.64 | 0.60 | 0.58 | 0.58 |
| 1.00         | 0.85                                                        | 0.78 | 0.83 | 0.80 | 0.77 | 0.72 | 0.70 | 0.67 | 0.69 | 0.66 | 0.64 | 0.64 |
| 1.25         | 0.91                                                        | 0.82 | 0.89 | 0.85 | 0.81 | 0.76 | 0.75 | 0.71 | 0.74 | 0.70 | 0.68 | 0.68 |
| 1.50         | 0.99                                                        | 0.89 | 0.97 | 0.92 | 0.87 | 0.83 | 0.82 | 0.79 | 0.80 | 0.77 | 0.75 | 0.75 |
| 2.00         | 1.05                                                        | 0.92 | 1.02 | 0.96 | 0.91 | 0.88 | 0.86 | 0.83 | 0.84 | 0.82 | 0.79 | 0.79 |
| 2.50         | 1.09                                                        | 0.95 | 1.05 | 0.99 | 0.94 | 0.91 | 0.89 | 0.86 | 0.87 | 0.85 | 0.82 | 0.82 |
| 3.00         | 1.13                                                        | 0.98 | 1.10 | 1.03 | 0.97 | 0.94 | 0.92 | 0.90 | 0.90 | 0.88 | 0.85 | 0.85 |
| 4.00         | 1.16                                                        | 1.00 | 1.13 | 1.05 | 0.99 | 0.97 | 0.94 | 0.93 | 0.92 | 0.91 | 0.87 | 0.87 |
| 5.00         |                                                             |      |      |      |      |      |      |      |      |      |      |      |

Ceiling mounted

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

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 24781 | 22151 | 20766 | 20332 | 20766 | 22151 | 24781 |
| 50.0       | 19189 | 17004 | 15868 | 15515 | 15868 | 17004 | 19189 |
| 55.0       | 14667 | 12885 | 11971 | 11688 | 11971 | 12885 | 14667 |
| 60.0       | 11261 | 9806  | 9070  | 8844  | 9070  | 9806  | 11261 |
| 65.0       | 8805  | 7599  | 6997  | 6813  | 6997  | 7599  | 8805  |
| 70.0       | 6964  | 5954  | 5457  | 5306  | 5457  | 5954  | 6964  |
| 75.0       | 5716  | 4838  | 4412  | 4284  | 4412  | 4838  | 5716  |
| 80.0       | 4435  | 3714  | 3369  | 3266  | 3369  | 3714  | 4435  |
| 85.0       | 3023  | 2501  | 2256  | 2184  | 2256  | 2501  | 3023  |
| 90.0       | 1827  | 1492  | 1338  | 1292  | 1338  | 1492  | 1827  |

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

2020-05-21