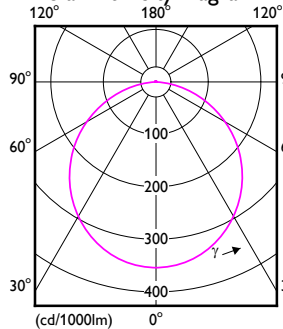


**Downlight 1 x 9290026715 3000K**

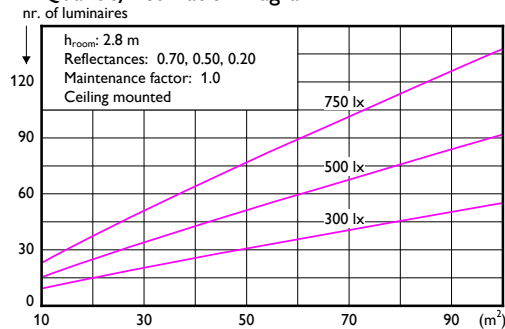
1 x 600 lm

**Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.01  
 Service downward 0.99

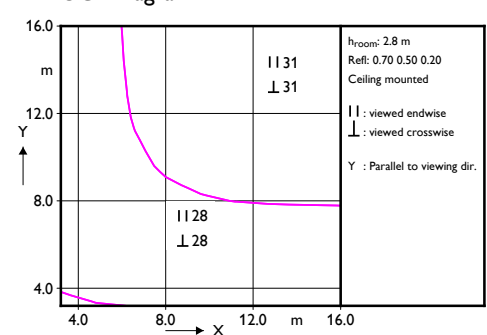
CIE flux code 47 79 96 99 100

UGRcen (4Hx8H, 0.25H) 29

**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 |      |      |      |
|              | 0.80                                                        | 0.80 | 0.70 | 0.70 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.00 |
| 0.60         | 0.48                                                        | 0.46 | 0.47 | 0.46 | 0.45 | 0.38 | 0.37 | 0.32 | 0.37 | 0.32 | 0.37 | 0.32 | 0.30 | 0.30 | 0.30 | 0.00 |
| 0.80         | 0.59                                                        | 0.55 | 0.58 | 0.56 | 0.54 | 0.47 | 0.46 | 0.41 | 0.45 | 0.41 | 0.45 | 0.41 | 0.39 | 0.39 | 0.39 | 0.00 |
| 1.00         | 0.68                                                        | 0.63 | 0.66 | 0.64 | 0.62 | 0.55 | 0.54 | 0.49 | 0.53 | 0.48 | 0.53 | 0.48 | 0.46 | 0.46 | 0.46 | 0.00 |
| 1.25         | 0.76                                                        | 0.70 | 0.75 | 0.72 | 0.69 | 0.62 | 0.61 | 0.56 | 0.60 | 0.56 | 0.60 | 0.56 | 0.53 | 0.53 | 0.53 | 0.00 |
| 1.50         | 0.83                                                        | 0.75 | 0.81 | 0.77 | 0.74 | 0.68 | 0.67 | 0.62 | 0.65 | 0.61 | 0.65 | 0.61 | 0.59 | 0.59 | 0.59 | 0.00 |
| 2.00         | 0.93                                                        | 0.83 | 0.90 | 0.86 | 0.82 | 0.76 | 0.75 | 0.71 | 0.74 | 0.70 | 0.74 | 0.70 | 0.68 | 0.68 | 0.68 | 0.00 |
| 2.50         | 1.00                                                        | 0.88 | 0.97 | 0.92 | 0.87 | 0.82 | 0.81 | 0.77 | 0.79 | 0.76 | 0.79 | 0.76 | 0.73 | 0.73 | 0.73 | 0.00 |
| 3.00         | 1.04                                                        | 0.91 | 1.01 | 0.95 | 0.90 | 0.86 | 0.84 | 0.81 | 0.83 | 0.80 | 0.83 | 0.80 | 0.77 | 0.77 | 0.77 | 0.00 |
| 4.00         | 1.10                                                        | 0.96 | 1.07 | 1.00 | 0.94 | 0.91 | 0.89 | 0.87 | 0.87 | 0.85 | 0.87 | 0.85 | 0.82 | 0.82 | 0.82 | 0.00 |
| 5.00         | 1.14                                                        | 0.98 | 1.10 | 1.03 | 0.97 | 0.94 | 0.92 | 0.90 | 0.90 | 0.88 | 0.90 | 0.88 | 0.85 | 0.85 | 0.85 | 0.00 |

Ceiling mounted

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

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 34087 | 34087 | 34087 | 34087 | 34087 | 34087 | 34087 |
| 50.0       | 33420 | 33420 | 33420 | 33420 | 33420 | 33420 | 33420 |
| 55.0       | 32525 | 32525 | 32525 | 32525 | 32525 | 32525 | 32525 |
| 60.0       | 31366 | 31366 | 31366 | 31366 | 31366 | 31366 | 31366 |
| 65.0       | 29867 | 29867 | 29867 | 29867 | 29867 | 29867 | 29867 |
| 70.0       | 27944 | 27944 | 27944 | 27944 | 27944 | 27944 | 27944 |
| 75.0       | 25100 | 25100 | 25100 | 25100 | 25100 | 25100 | 25100 |
| 80.0       | 21077 | 21077 | 21077 | 21077 | 21077 | 21077 | 21077 |
| 85.0       | 15638 | 15638 | 15638 | 15638 | 15638 | 15638 | 15638 |
| 90.0       | 14258 | 14258 | 14258 | 14258 | 14258 | 14258 | 14258 |

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

2022-04-04