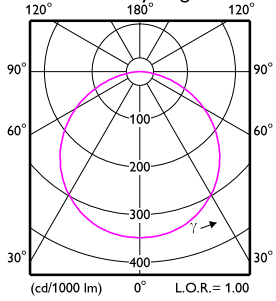


**1x9290020675 3000K 15W**

1 x 1200 lm

Polar intensity diagram

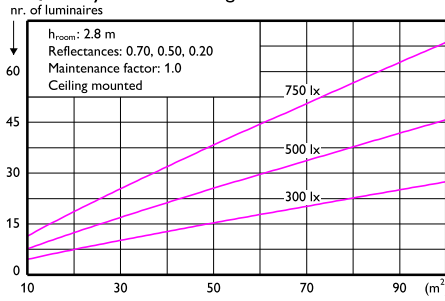


Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 47 79 96 100 100

UGRcen (4Hx8H, 0.25H) 30

Quantity estimation diagram

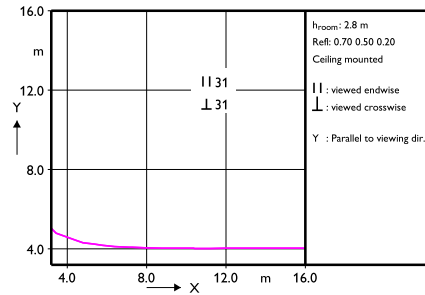


Utilisation factor table

| Room Index k | Reflectances for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------|---------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80                                                    |      |      | 0.70 |      |      | 0.50 |      |      | 0.30 |      |      | 0.10 |      |      |
|              | 0.80                                                    | 0.50 | 0.30 | 0.80 | 0.50 | 0.30 | 0.80 | 0.50 | 0.30 | 0.80 | 0.50 | 0.30 | 0.80 | 0.50 | 0.30 |
| 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 |      |      |
| 0.80         | 0.59                                                    | 0.55 | 0.58 | 0.56 | 0.55 | 0.47 | 0.46 | 0.41 | 0.46 | 0.41 | 0.46 | 0.41 | 0.39 |      |      |
| 1.00         | 0.68                                                    | 0.63 | 0.66 | 0.64 | 0.62 | 0.55 | 0.54 | 0.49 | 0.53 | 0.49 | 0.53 | 0.49 | 0.46 |      |      |
| 1.25         | 0.77                                                    | 0.70 | 0.75 | 0.72 | 0.69 | 0.62 | 0.61 | 0.56 | 0.60 | 0.56 | 0.60 | 0.56 | 0.54 |      |      |
| 1.50         | 0.83                                                    | 0.75 | 0.81 | 0.78 | 0.74 | 0.68 | 0.67 | 0.62 | 0.66 | 0.62 | 0.66 | 0.62 | 0.59 |      |      |
| 2.00         | 0.93                                                    | 0.83 | 0.91 | 0.86 | 0.82 | 0.77 | 0.75 | 0.71 | 0.74 | 0.71 | 0.74 | 0.71 | 0.68 |      |      |
| 2.50         | 1.00                                                    | 0.88 | 0.97 | 0.92 | 0.87 | 0.82 | 0.81 | 0.77 | 0.80 | 0.76 | 0.80 | 0.76 | 0.74 |      |      |
| 3.00         | 1.05                                                    | 0.92 | 1.02 | 0.96 | 0.90 | 0.86 | 0.85 | 0.82 | 0.83 | 0.81 | 0.83 | 0.81 | 0.78 |      |      |
| 4.00         | 1.11                                                    | 0.96 | 1.07 | 1.01 | 0.95 | 0.91 | 0.90 | 0.87 | 0.88 | 0.86 | 0.88 | 0.86 | 0.83 |      |      |
| 5.00         | 1.14                                                    | 0.98 | 1.11 | 1.04 | 0.97 | 0.94 | 0.93 | 0.90 | 0.91 | 0.89 | 0.91 | 0.89 | 0.86 |      |      |

Ceiling mounted

UGR diagram



Luminance Table

| Plane | 0.0   | 45.0  | 90.0  |
|-------|-------|-------|-------|
| Cone  |       |       |       |
| 45.0  | 61130 | 60519 | 61130 |
| 50.0  | 59708 | 59001 | 59708 |
| 55.0  | 58072 | 57255 | 58072 |
| 60.0  | 55766 | 54824 | 55766 |
| 65.0  | 52868 | 51776 | 52868 |
| 70.0  | 48307 | 47054 | 48307 |
| 75.0  | 42620 | 41165 | 42620 |
| 80.0  | 33307 | 31678 | 33307 |
| 85.0  | 19225 | 17604 | 19225 |
| 90.0  | 0     | 0     | 0     |

(cd/m²)

2019-04-02