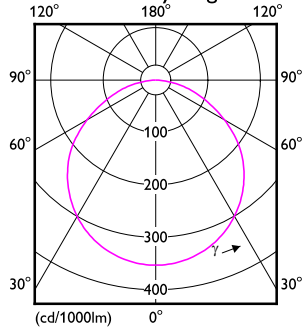


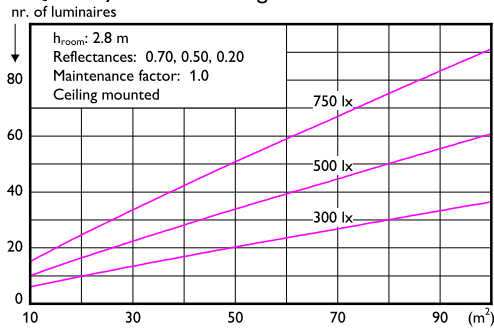
## Downlight 1 x 9290046543 3000K

1 x 900 lm

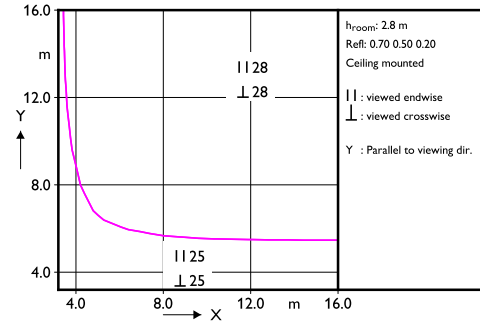
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 48 80 96 100 100

UGRcen (4Hx8H, 0.25H) 26

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                                                        | 0.50 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.30 | 0.10 | 0.00 | 0.00 |
| 0.80         | 0.30                                                        | 0.10 | 0.30 | 0.20 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 1.00         | 0.49                                                        | 0.46 | 0.48 | 0.47 | 0.46 | 0.38 | 0.38 | 0.37 | 0.37 | 0.33 | 0.31 | 0.31 |
| 1.25         | 0.60                                                        | 0.56 | 0.58 | 0.57 | 0.55 | 0.47 | 0.47 | 0.46 | 0.46 | 0.42 | 0.40 | 0.40 |
| 1.50         | 0.69                                                        | 0.64 | 0.67 | 0.65 | 0.63 | 0.55 | 0.55 | 0.50 | 0.54 | 0.49 | 0.47 | 0.47 |
| 2.00         | 0.77                                                        | 0.71 | 0.75 | 0.73 | 0.70 | 0.62 | 0.62 | 0.57 | 0.61 | 0.57 | 0.54 | 0.54 |
| 2.50         | 0.84                                                        | 0.76 | 0.82 | 0.78 | 0.75 | 0.68 | 0.68 | 0.63 | 0.66 | 0.62 | 0.60 | 0.60 |
| 3.00         | 0.94                                                        | 0.84 | 0.91 | 0.87 | 0.83 | 0.76 | 0.76 | 0.72 | 0.75 | 0.71 | 0.69 | 0.69 |
| 4.00         | 1.00                                                        | 0.89 | 0.97 | 0.92 | 0.87 | 0.83 | 0.81 | 0.78 | 0.80 | 0.77 | 0.74 | 0.74 |
| 5.00         | 1.05                                                        | 0.92 | 1.02 | 0.96 | 0.91 | 0.87 | 0.85 | 0.82 | 0.84 | 0.81 | 0.79 | 0.79 |
|              | 1.11                                                        | 0.96 | 1.07 | 1.01 | 0.95 | 0.92 | 0.90 | 0.87 | 0.88 | 0.86 | 0.83 | 0.83 |
|              | 1.15                                                        | 0.98 | 1.11 | 1.04 | 0.97 | 0.94 | 0.93 | 0.91 | 0.91 | 0.89 | 0.86 | 0.86 |

Ceiling mounted

Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 18860 | 18826 | 18806 | 18798 | 18806 | 18826 | 18860 |
| 50.0       | 18509 | 18470 | 18446 | 18438 | 18446 | 18470 | 18509 |
| 55.0       | 17795 | 17750 | 17722 | 17713 | 17722 | 17750 | 17795 |
| 60.0       | 16825 | 16774 | 16742 | 16732 | 16742 | 16774 | 16825 |
| 65.0       | 15760 | 15701 | 15664 | 15651 | 15664 | 15701 | 15760 |
| 70.0       | 14738 | 14668 | 14624 | 14609 | 14624 | 14668 | 14738 |
| 75.0       | 13830 | 13741 | 13686 | 13667 | 13686 | 13741 | 13830 |
| 80.0       | 12358 | 12240 | 12166 | 12142 | 12166 | 12240 | 12358 |
| 85.0       | 8378  | 8224  | 8130  | 8099  | 8130  | 8224  | 8378  |
| 90.0       | 8701  | 7104  | 6369  | 6152  | 6369  | 7104  | 8701  |

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

2024-11-11