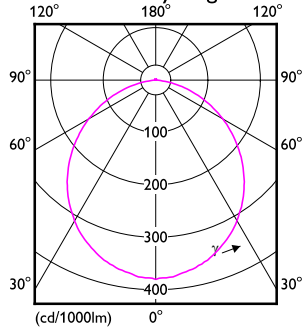


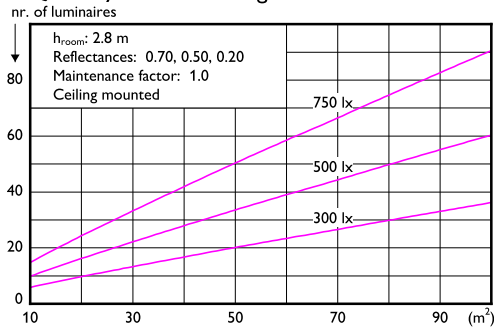
**1 x 9290023226 12W 4000K**

1 x 900 lm

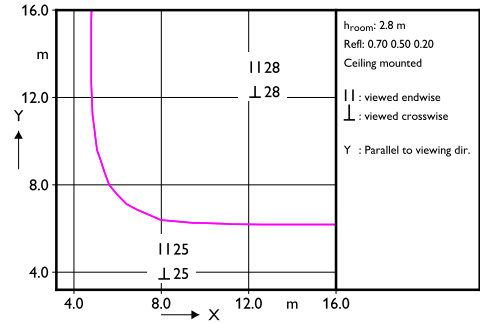
Polar intensity diagram



Quantity estimation diagram



UGR 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 |
| 0.50         | 0.50                                                        | 0.50 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.30 | 0.10 | 0.00 | 0.00 |
| 0.30         | 0.10                                                        | 0.10 | 0.30 | 0.20 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.00 | 0.00 |
| 0.60         | 0.50                                                        | 0.48 | 0.49 | 0.48 | 0.47 | 0.40 | 0.39 | 0.35 | 0.39 | 0.34 | 0.32 | 0.32 |
| 0.80         | 0.61                                                        | 0.57 | 0.60 | 0.58 | 0.56 | 0.49 | 0.48 | 0.43 | 0.48 | 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 | 0.50 | 0.48 | 0.48 |
| 1.25         | 0.78                                                        | 0.72 | 0.76 | 0.73 | 0.71 | 0.64 | 0.63 | 0.58 | 0.62 | 0.58 | 0.55 | 0.55 |
| 1.50         | 0.85                                                        | 0.77 | 0.83 | 0.79 | 0.76 | 0.70 | 0.68 | 0.64 | 0.67 | 0.63 | 0.61 | 0.61 |
| 2.00         | 0.94                                                        | 0.84 | 0.92 | 0.87 | 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 | 0.78 | 0.75 | 0.75 |
| 3.00         | 1.06                                                        | 0.92 | 1.02 | 0.97 | 0.91 | 0.87 | 0.86 | 0.83 | 0.84 | 0.82 | 0.79 | 0.79 |
| 4.00         | 1.12                                                        | 0.96 | 1.08 | 1.01 | 0.95 | 0.92 | 0.90 | 0.88 | 0.89 | 0.87 | 0.84 | 0.84 |
| 5.00         | 1.15                                                        | 0.99 | 1.11 | 1.04 | 0.98 | 0.95 | 0.93 | 0.91 | 0.91 | 0.90 | 0.87 | 0.87 |

Ceiling mounted

Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 18997 | 18963 | 18942 | 18935 | 18942 | 18963 | 18997 |
| 50.0       | 18364 | 18325 | 18301 | 18293 | 18301 | 18325 | 18364 |
| 55.0       | 17568 | 17524 | 17496 | 17487 | 17496 | 17524 | 17568 |
| 60.0       | 16683 | 16632 | 16600 | 16589 | 16600 | 16632 | 16683 |
| 65.0       | 15563 | 15504 | 15467 | 15455 | 15467 | 15504 | 15563 |
| 70.0       | 14212 | 14144 | 14101 | 14087 | 14101 | 14144 | 14212 |
| 75.0       | 12279 | 12200 | 12150 | 12133 | 12150 | 12200 | 12279 |
| 80.0       | 9287  | 9197  | 9141  | 9123  | 9141  | 9197  | 9287  |
| 85.0       | 2240  | 2199  | 2174  | 2165  | 2174  | 2199  | 2240  |
| 90.0       | 3200  | 2613  | 2343  | 2263  | 2343  | 2613  | 3200  |

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

Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

CIE flux code 50 81 97 99 100

UGRcen (4Hx8H, 0.25H) 26

2019-11-08