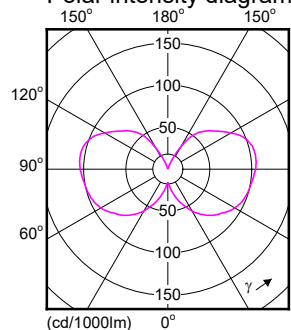


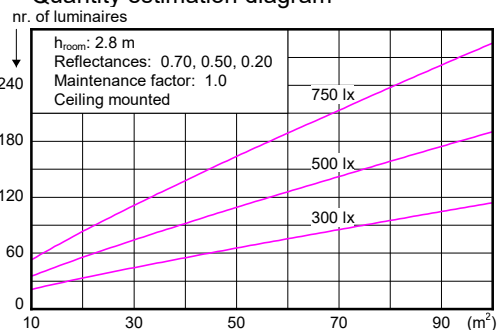
**1 x 9290019416**

1 x 400 lm

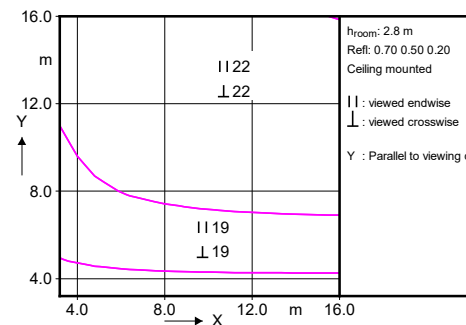
Polar intensity diagram



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 | 0.30 | 0.10 | 0.10 | 0.10 | 0.10 | 0.00 |
| 0.60         | 0.80                                                        | 0.80 | 0.70 | 0.70 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.10 | 0.00 |
| 0.80         | 0.41                                                        | 0.39 | 0.38 | 0.37 | 0.36 | 0.28 | 0.23 | 0.18 | 0.18 | 0.14 | 0.08 |      |      |      |      |      |
| 1.00         | 0.49                                                        | 0.45 | 0.44 | 0.43 | 0.41 | 0.33 | 0.28 | 0.23 | 0.22 | 0.18 | 0.10 |      |      |      |      |      |
| 1.25         | 0.56                                                        | 0.51 | 0.51 | 0.49 | 0.47 | 0.39 | 0.33 | 0.27 | 0.26 | 0.22 | 0.13 |      |      |      |      |      |
| 1.50         | 0.62                                                        | 0.56 | 0.56 | 0.54 | 0.52 | 0.44 | 0.37 | 0.32 | 0.30 | 0.26 | 0.16 |      |      |      |      |      |
| 2.00         | 0.71                                                        | 0.63 | 0.64 | 0.61 | 0.58 | 0.51 | 0.43 | 0.38 | 0.35 | 0.31 | 0.20 |      |      |      |      |      |
| 2.50         | 0.77                                                        | 0.68 | 0.70 | 0.66 | 0.63 | 0.56 | 0.48 | 0.43 | 0.39 | 0.36 | 0.24 |      |      |      |      |      |
| 3.00         | 0.82                                                        | 0.72 | 0.75 | 0.70 | 0.66 | 0.60 | 0.51 | 0.47 | 0.42 | 0.39 | 0.26 |      |      |      |      |      |
| 4.00         | 0.89                                                        | 0.77 | 0.81 | 0.76 | 0.71 | 0.66 | 0.56 | 0.52 | 0.47 | 0.44 | 0.30 |      |      |      |      |      |
| 5.00         | 0.93                                                        | 0.80 | 0.85 | 0.79 | 0.74 | 0.70 | 0.59 | 0.56 | 0.50 | 0.47 | 0.33 |      |      |      |      |      |

Ceiling mounted

Luminance Table

| Plane Cone | 0.0  | 15.0 | 30.0 | 45.0 | 60.0 | 75.0 | 90.0 |
|------------|------|------|------|------|------|------|------|
| 45.0       | 3316 | 2871 | 2648 | 2579 | 2648 | 2871 | 3316 |
| 50.0       | 3408 | 2930 | 2693 | 2621 | 2693 | 2930 | 3408 |
| 55.0       | 3570 | 3049 | 2793 | 2715 | 2793 | 3049 | 3570 |
| 60.0       | 3705 | 3144 | 2871 | 2789 | 2871 | 3144 | 3705 |
| 65.0       | 3828 | 3229 | 2939 | 2852 | 2939 | 3229 | 3828 |
| 70.0       | 3924 | 3289 | 2985 | 2894 | 2985 | 3289 | 3924 |
| 75.0       | 4032 | 3359 | 3039 | 2944 | 3039 | 3359 | 4032 |
| 80.0       | 4155 | 3439 | 3103 | 3003 | 3103 | 3439 | 4155 |
| 85.0       | 4346 | 3574 | 3214 | 3108 | 3214 | 3574 | 4346 |
| 90.0       | 4583 | 3742 | 3355 | 3241 | 3355 | 3742 | 4583 |

(cd/m²)

Light output ratio 1.00  
Service upward 0.48  
Service downward 0.52

CIE flux code 16 41 70 52 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 21

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