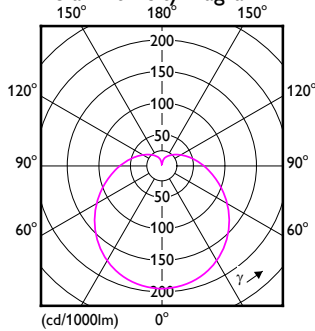


**1 x 9290023063 8W 4000K**

1 x 806 lm

**Polar intensity diagram**

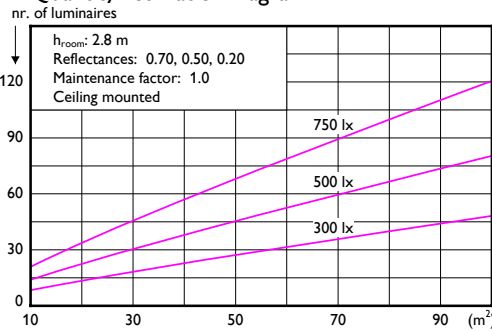


Light output ratio 1.00  
Service upward 0.23  
Service downward 0.77

CIE flux code 35 63 84 77 100

UGRcen (4Hx8H, 0.25H) 28

**Quantity estimation diagram**

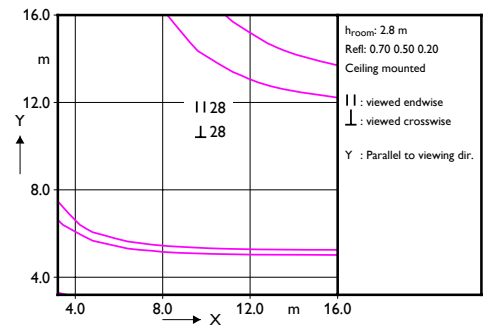


**Utilisation factor table**

| 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 |
| 0.60         | 0.40                                                        | 0.38 | 0.38 | 0.37 | 0.36 | 0.29 | 0.27 | 0.22 | 0.25 | 0.21 | 0.17 | 0.17 |
| 0.80         | 0.49                                                        | 0.46 | 0.47 | 0.46 | 0.44 | 0.37 | 0.34 | 0.29 | 0.32 | 0.27 | 0.23 | 0.23 |
| 1.00         | 0.57                                                        | 0.53 | 0.55 | 0.53 | 0.51 | 0.43 | 0.40 | 0.35 | 0.37 | 0.33 | 0.28 | 0.28 |
| 1.25         | 0.65                                                        | 0.60 | 0.62 | 0.59 | 0.57 | 0.50 | 0.46 | 0.41 | 0.43 | 0.38 | 0.33 | 0.33 |
| 1.50         | 0.71                                                        | 0.65 | 0.68 | 0.65 | 0.62 | 0.55 | 0.51 | 0.46 | 0.47 | 0.43 | 0.37 | 0.37 |
| 2.00         | 0.81                                                        | 0.72 | 0.76 | 0.73 | 0.69 | 0.63 | 0.58 | 0.53 | 0.54 | 0.50 | 0.43 | 0.43 |
| 2.50         | 0.87                                                        | 0.77 | 0.82 | 0.78 | 0.74 | 0.68 | 0.63 | 0.59 | 0.58 | 0.55 | 0.48 | 0.48 |
| 3.00         | 0.92                                                        | 0.81 | 0.87 | 0.82 | 0.77 | 0.72 | 0.67 | 0.63 | 0.62 | 0.58 | 0.51 | 0.51 |
| 4.00         | 0.98                                                        | 0.85 | 0.93 | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.66 | 0.63 | 0.55 | 0.55 |
| 5.00         | 1.03                                                        | 0.88 | 0.97 | 0.90 | 0.85 | 0.81 | 0.75 | 0.72 | 0.69 | 0.67 | 0.58 | 0.58 |

Ceiling mounted

**UGR diagram**



**Luminance Table**

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 29795 | 27435 | 26277 | 26127 | 26964 | 28922 | 32349 |
| 50.0       | 28095 | 25681 | 24509 | 24359 | 25203 | 27197 | 30746 |
| 55.0       | 26481 | 24026 | 22848 | 22697 | 23545 | 25564 | 29219 |
| 60.0       | 25034 | 22540 | 21356 | 21205 | 22055 | 24098 | 27863 |
| 65.0       | 23700 | 21168 | 19980 | 19829 | 20680 | 22745 | 26623 |
| 70.0       | 22489 | 19914 | 18720 | 18570 | 19423 | 21512 | 25517 |
| 75.0       | 21521 | 18879 | 17672 | 17520 | 18381 | 20513 | 24692 |
| 80.0       | 20746 | 18011 | 16780 | 16626 | 17502 | 19696 | 24106 |
| 85.0       | 20155 | 17293 | 16026 | 15869 | 16767 | 19048 | 23765 |
| 90.0       | 19855 | 16803 | 15479 | 15316 | 16252 | 18665 | 23826 |

(cd/m²)

2021-09-02