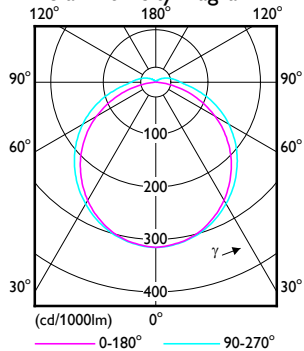


## 1 x PLC 8.5W4000K120D 9290012013

1 x 1000 lm

Polar intensity diagram

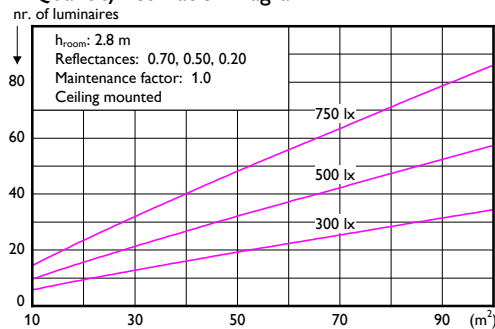


Light output ratio 1.00  
Service upward 0.05  
Service downward 0.95

CIE flux code 44 75 92 95 100

UGRcen (4Hx8H, 0.25H) 27

Quantity estimation diagram

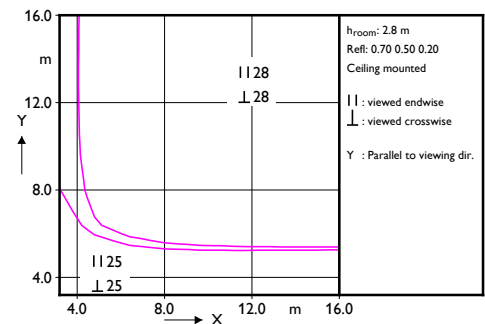


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |
|--------------|-------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80                                                        |      |      |      | 0.70 |      |      |      | 0.50 |      |      |      |
|              | 0.80                                                        | 0.50 | 0.30 | 0.10 | 0.80 | 0.50 | 0.30 | 0.10 | 0.80 | 0.50 | 0.30 | 0.10 |
| 0.60         | 0.46                                                        | 0.43 | 0.45 | 0.44 | 0.43 | 0.35 | 0.34 | 0.30 | 0.34 | 0.29 | 0.27 | 0.27 |
| 0.80         | 0.56                                                        | 0.53 | 0.55 | 0.53 | 0.52 | 0.44 | 0.43 | 0.38 | 0.42 | 0.37 | 0.35 | 0.35 |
| 1.00         | 0.65                                                        | 0.60 | 0.63 | 0.61 | 0.59 | 0.52 | 0.50 | 0.45 | 0.49 | 0.44 | 0.41 | 0.41 |
| 1.25         | 0.73                                                        | 0.67 | 0.71 | 0.69 | 0.66 | 0.59 | 0.57 | 0.52 | 0.56 | 0.51 | 0.48 | 0.48 |
| 1.50         | 0.80                                                        | 0.72 | 0.77 | 0.74 | 0.71 | 0.64 | 0.63 | 0.58 | 0.61 | 0.57 | 0.53 | 0.53 |
| 2.00         | 0.90                                                        | 0.80 | 0.87 | 0.82 | 0.79 | 0.73 | 0.71 | 0.66 | 0.69 | 0.65 | 0.62 | 0.62 |
| 2.50         | 0.96                                                        | 0.85 | 0.93 | 0.88 | 0.83 | 0.78 | 0.76 | 0.72 | 0.74 | 0.70 | 0.67 | 0.67 |
| 3.00         | 1.01                                                        | 0.88 | 0.97 | 0.92 | 0.87 | 0.82 | 0.80 | 0.76 | 0.77 | 0.74 | 0.71 | 0.71 |
| 4.00         | 1.07                                                        | 0.93 | 1.03 | 0.97 | 0.91 | 0.87 | 0.85 | 0.82 | 0.82 | 0.80 | 0.76 | 0.76 |
| 5.00         | 1.11                                                        | 0.95 | 1.07 | 1.00 | 0.93 | 0.90 | 0.88 | 0.85 | 0.85 | 0.83 | 0.79 | 0.79 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 35831 | 29837 | 26367 | 24446 | 23541 | 23496 | 24227 |
| 50.0       | 33718 | 27401 | 23975 | 22204 | 21415 | 21488 | 22281 |
| 55.0       | 31350 | 24848 | 21540 | 19966 | 19333 | 19558 | 20312 |
| 60.0       | 28554 | 22034 | 19057 | 17705 | 17320 | 17548 | 18401 |
| 65.0       | 25202 | 18915 | 16389 | 15417 | 15225 | 15636 | 16450 |
| 70.0       | 21222 | 15572 | 13698 | 13116 | 13180 | 13660 | 14405 |
| 75.0       | 16421 | 11827 | 10868 | 10753 | 11077 | 11618 | 12314 |
| 80.0       | 10264 | 7754  | 7888  | 8355  | 8930  | 9505  | 10177 |
| 85.0       | 3388  | 3920  | 5205  | 6191  | 6978  | 7659  | 8310  |
| 90.0       | 69    | 1715  | 3642  | 4934  | 5922  | 6645  | 7288  |

(cd/m²)

2017-04-06