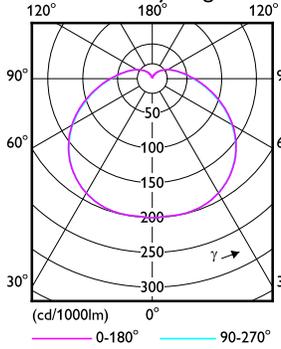


1 x Core HB 50W 9290042715

1 x 4000 lm

Polar intensity diagram

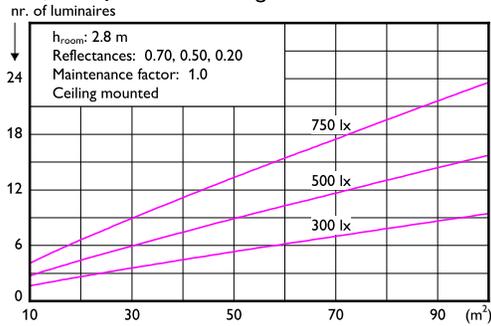


Light output ratio 1.00
 Service upward 0.17
 Service downward 0.83

CIE flux code 36 65 86 83 100

UGRcen (4Hx8H, 0.25H) 28

Quantity estimation diagram

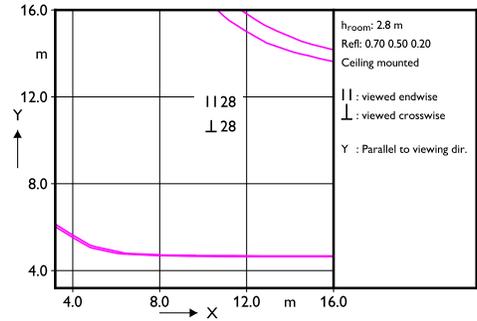


Utilisation factor table

| 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 |
| | 0.80 | 0.50 | 0.30 | 0.10 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.00 |
| 0.60 | 0.41 | 0.39 | 0.39 | 0.38 | 0.37 | 0.30 | 0.28 | 0.23 | 0.27 | 0.22 | 0.19 | | | | |
| 0.80 | 0.50 | 0.47 | 0.48 | 0.47 | 0.46 | 0.38 | 0.36 | 0.30 | 0.34 | 0.29 | 0.25 | | | | |
| 1.00 | 0.59 | 0.54 | 0.56 | 0.54 | 0.52 | 0.45 | 0.42 | 0.37 | 0.40 | 0.35 | 0.31 | | | | |
| 1.25 | 0.67 | 0.61 | 0.64 | 0.61 | 0.59 | 0.51 | 0.48 | 0.43 | 0.45 | 0.41 | 0.36 | | | | |
| 1.50 | 0.73 | 0.66 | 0.70 | 0.67 | 0.64 | 0.57 | 0.53 | 0.48 | 0.50 | 0.46 | 0.41 | | | | |
| 2.00 | 0.83 | 0.74 | 0.79 | 0.75 | 0.71 | 0.65 | 0.61 | 0.56 | 0.57 | 0.53 | 0.48 | | | | |
| 2.50 | 0.89 | 0.79 | 0.85 | 0.80 | 0.76 | 0.70 | 0.66 | 0.62 | 0.62 | 0.59 | 0.53 | | | | |
| 3.00 | 0.94 | 0.82 | 0.89 | 0.84 | 0.80 | 0.74 | 0.70 | 0.66 | 0.66 | 0.62 | 0.56 | | | | |
| 4.00 | 1.00 | 0.87 | 0.95 | 0.89 | 0.84 | 0.80 | 0.75 | 0.72 | 0.71 | 0.68 | 0.61 | | | | |
| 5.00 | 1.05 | 0.90 | 0.99 | 0.93 | 0.87 | 0.83 | 0.78 | 0.75 | 0.74 | 0.71 | 0.64 | | | | |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0 | 15.0 | 30.0 | 45.0 | 60.0 | 75.0 | 90.0 |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0 | 36673 | 32217 | 29923 | 29201 | 29887 | 32141 | 36544 |
| 50.0 | 33895 | 29531 | 27308 | 26608 | 27260 | 29428 | 33718 |
| 55.0 | 31185 | 26949 | 24813 | 24139 | 24750 | 26813 | 30949 |
| 60.0 | 28509 | 24438 | 22405 | 21761 | 22328 | 24270 | 28216 |
| 65.0 | 25865 | 21992 | 20078 | 19470 | 19991 | 21801 | 25528 |
| 70.0 | 23320 | 19666 | 17878 | 17307 | 17782 | 19456 | 22948 |
| 75.0 | 20921 | 17496 | 15839 | 15311 | 15743 | 17286 | 20545 |
| 80.0 | 18739 | 15537 | 14005 | 13518 | 13913 | 15333 | 18371 |
| 85.0 | 16827 | 13825 | 12407 | 11959 | 12321 | 13633 | 16478 |
| 90.0 | 15223 | 12386 | 11065 | 10650 | 10987 | 12211 | 14901 |

(cd/m²)

2025-11-25