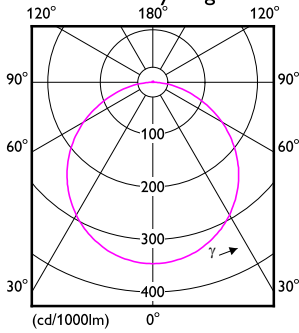


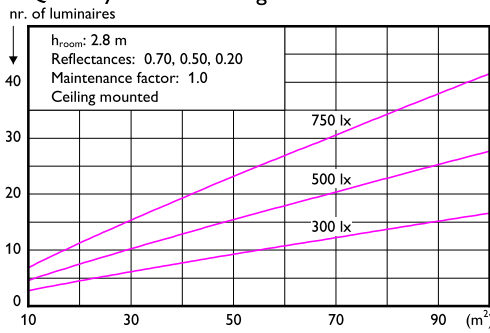
Downlight 4000K 19 1 x 9290032518

1 x 2000 lm

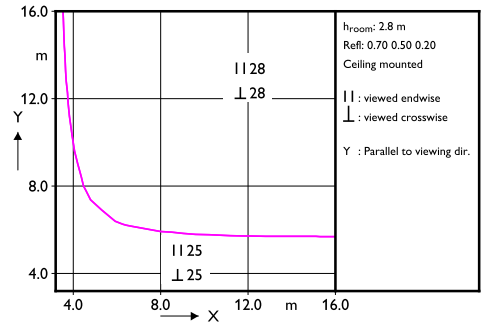
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00
 Service upward 0.01
 Service downward 0.99

CIE flux code 47 78 95 99 100

UGRcen (4Hx8H, 0.25H) 26

Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) | | | | | | | | | | | | |
|--------------|---|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0.80 | | | 0.70 | | | 0.50 | | | 0.30 | | | 0.00 |
| | 0.80 | 0.80 | 0.80 | 0.70 | 0.70 | 0.70 | 0.50 | 0.50 | 0.50 | 0.30 | 0.30 | 0.30 | 0.00 |
| 0.30 | 0.10 | 0.10 | 0.30 | 0.20 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.00 |
| 0.60 | 0.48 | 0.46 | 0.47 | 0.46 | 0.45 | 0.38 | 0.37 | 0.32 | 0.37 | 0.32 | 0.30 | 0.30 | 0.30 |
| 0.80 | 0.59 | 0.55 | 0.58 | 0.56 | 0.54 | 0.47 | 0.46 | 0.41 | 0.45 | 0.41 | 0.45 | 0.41 | 0.39 |
| 1.00 | 0.68 | 0.63 | 0.66 | 0.64 | 0.62 | 0.54 | 0.54 | 0.48 | 0.53 | 0.48 | 0.53 | 0.48 | 0.46 |
| 1.25 | 0.76 | 0.70 | 0.74 | 0.71 | 0.69 | 0.62 | 0.61 | 0.56 | 0.60 | 0.55 | 0.60 | 0.55 | 0.53 |
| 1.50 | 0.83 | 0.75 | 0.81 | 0.77 | 0.74 | 0.67 | 0.66 | 0.62 | 0.65 | 0.61 | 0.65 | 0.61 | 0.58 |
| 2.00 | 0.93 | 0.83 | 0.90 | 0.86 | 0.81 | 0.76 | 0.75 | 0.70 | 0.73 | 0.70 | 0.73 | 0.70 | 0.67 |
| 2.50 | 0.99 | 0.88 | 0.96 | 0.91 | 0.86 | 0.82 | 0.80 | 0.76 | 0.78 | 0.75 | 0.78 | 0.75 | 0.73 |
| 3.00 | 1.04 | 0.91 | 1.01 | 0.95 | 0.90 | 0.86 | 0.84 | 0.81 | 0.82 | 0.79 | 0.82 | 0.79 | 0.77 |
| 4.00 | 1.10 | 0.95 | 1.06 | 1.00 | 0.94 | 0.90 | 0.89 | 0.86 | 0.87 | 0.85 | 0.87 | 0.85 | 0.82 |
| 5.00 | 1.14 | 0.98 | 1.10 | 1.03 | 0.96 | 0.94 | 0.92 | 0.89 | 0.90 | 0.88 | 0.90 | 0.88 | 0.85 |

Ceiling mounted

Luminance Table

| Plane Cone | 0.0 | 15.0 | 30.0 | 45.0 | 60.0 | 75.0 | 90.0 |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0 | 17061 | 17041 | 17029 | 17025 | 17029 | 17041 | 17061 |
| 50.0 | 16758 | 16735 | 16721 | 16716 | 16721 | 16735 | 16758 |
| 55.0 | 16379 | 16352 | 16335 | 16330 | 16335 | 16352 | 16379 |
| 60.0 | 15897 | 15866 | 15846 | 15839 | 15846 | 15866 | 15897 |
| 65.0 | 15122 | 15085 | 15062 | 15054 | 15062 | 15085 | 15122 |
| 70.0 | 14377 | 14333 | 14305 | 14295 | 14305 | 14333 | 14377 |
| 75.0 | 13567 | 13510 | 13474 | 13462 | 13474 | 13510 | 13567 |
| 80.0 | 12330 | 12252 | 12204 | 12187 | 12204 | 12252 | 12330 |
| 85.0 | 10438 | 10309 | 10230 | 10204 | 10230 | 10309 | 10438 |
| 90.0 | 39995 | 32656 | 29278 | 28281 | 29278 | 32656 | 39995 |

(cd/m²)