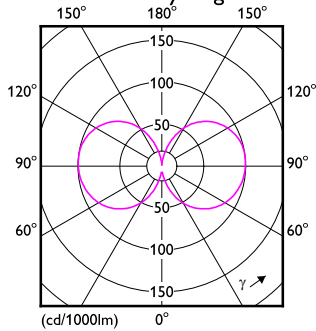


**1 x 9290037736 54W****1 x 9000 lm**

Polar intensity diagram

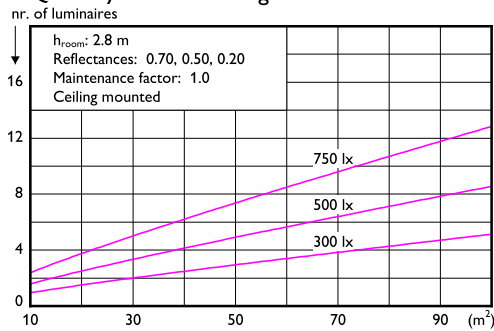


Light output ratio 1.00  
Service upward 0.51  
Service downward 0.49

CIE flux code 14 39 69 49 100

UGRcen (4Hx8H, 0.25H) 31

Quantity estimation diagram

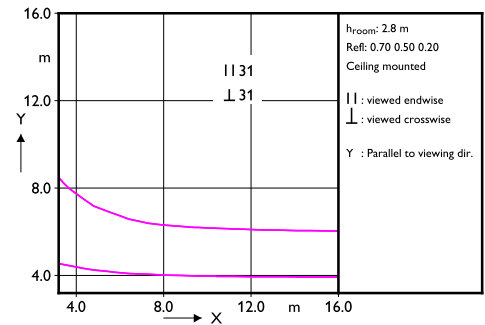


Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) |      |      |      |      |      |      |      |      |      |      |      |
|--------------|-------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|              | 0.80                                                        |      |      | 0.70 |      |      | 0.50 |      |      | 0.30 |      |      |
|              | 0.80                                                        | 0.50 | 0.30 | 0.70 | 0.50 | 0.30 | 0.50 | 0.30 | 0.10 | 0.30 | 0.10 | 0.00 |
| 0.60         | 0.32                                                        | 0.30 | 0.29 | 0.28 | 0.28 | 0.20 | 0.17 | 0.12 | 0.13 | 0.09 | 0.04 | 0.00 |
| 0.80         | 0.41                                                        | 0.38 | 0.37 | 0.36 | 0.35 | 0.27 | 0.22 | 0.17 | 0.17 | 0.13 | 0.07 | 0.00 |
| 1.00         | 0.48                                                        | 0.45 | 0.44 | 0.42 | 0.41 | 0.33 | 0.27 | 0.22 | 0.21 | 0.17 | 0.09 | 0.00 |
| 1.25         | 0.55                                                        | 0.51 | 0.50 | 0.48 | 0.46 | 0.38 | 0.32 | 0.27 | 0.25 | 0.21 | 0.12 | 0.00 |
| 1.50         | 0.61                                                        | 0.56 | 0.55 | 0.53 | 0.51 | 0.43 | 0.36 | 0.31 | 0.29 | 0.24 | 0.14 | 0.00 |
| 2.00         | 0.70                                                        | 0.63 | 0.64 | 0.60 | 0.58 | 0.50 | 0.42 | 0.37 | 0.34 | 0.30 | 0.18 | 0.00 |
| 2.50         | 0.77                                                        | 0.68 | 0.69 | 0.66 | 0.62 | 0.56 | 0.47 | 0.42 | 0.38 | 0.34 | 0.21 | 0.00 |
| 3.00         | 0.81                                                        | 0.71 | 0.74 | 0.69 | 0.66 | 0.60 | 0.50 | 0.46 | 0.41 | 0.37 | 0.24 | 0.00 |
| 4.00         | 0.88                                                        | 0.76 | 0.80 | 0.75 | 0.70 | 0.65 | 0.55 | 0.51 | 0.45 | 0.42 | 0.28 | 0.00 |
| 5.00         | 0.93                                                        | 0.80 | 0.84 | 0.78 | 0.73 | 0.69 | 0.58 | 0.55 | 0.48 | 0.45 | 0.30 | 0.00 |

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 49561 | 44012 | 41118 | 40216 | 41118 | 44012 | 49561 |
| 50.0       | 53214 | 46857 | 43584 | 42570 | 43584 | 46857 | 53214 |
| 55.0       | 56623 | 49444 | 45795 | 44670 | 45795 | 49444 | 56623 |
| 60.0       | 60075 | 52022 | 47979 | 46740 | 47979 | 52022 | 60075 |
| 65.0       | 63594 | 54603 | 50146 | 48788 | 50146 | 54603 | 63594 |
| 70.0       | 67169 | 57169 | 52276 | 50794 | 52276 | 57169 | 67169 |
| 75.0       | 71067 | 59933 | 54559 | 52940 | 54559 | 59933 | 71067 |
| 80.0       | 75661 | 63182 | 57247 | 55470 | 57247 | 63182 | 75661 |
| 85.0       | 80567 | 66565 | 60009 | 58059 | 60009 | 66565 | 80567 |
| 90.0       | 86471 | 70604 | 63302 | 61145 | 63302 | 70604 | 86471 |

(cd/m<sup>2</sup>)

2024-01-30