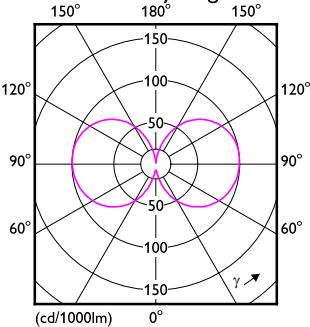


1 x 9290037737 54W

1 x 10000 lm

Polar intensity diagram

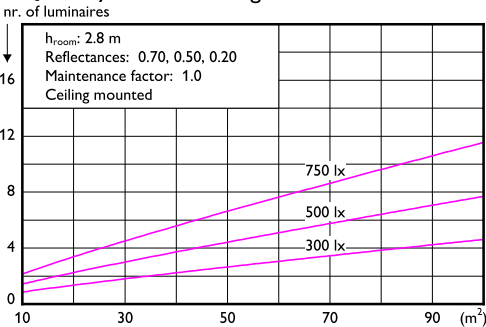


Light output ratio 1.00  
Service upward 0.51  
Service downward 0.49

CIE flux code 14 39 69 49 100

UGRcen (4Hx8H, 0.25H) 31

Quantity estimation diagram

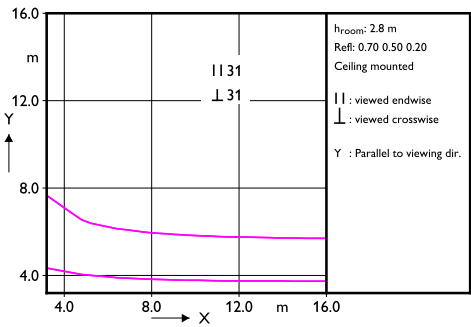


Utilisation factor table

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

Ceiling mounted

UGR diagram



Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 55068 | 48902 | 45687 | 44685 | 45687 | 48902 | 55068 |
| 50.0       | 59126 | 52063 | 48427 | 47300 | 48427 | 52063 | 59126 |
| 55.0       | 62914 | 54938 | 50883 | 49633 | 50883 | 54938 | 62914 |
| 60.0       | 66750 | 57802 | 53310 | 51933 | 53310 | 57802 | 66750 |
| 65.0       | 70660 | 60670 | 55718 | 54209 | 55718 | 60670 | 70660 |
| 70.0       | 74632 | 63521 | 58085 | 56437 | 58085 | 63521 | 74632 |
| 75.0       | 78964 | 66592 | 60621 | 58822 | 60621 | 66592 | 78964 |
| 80.0       | 84067 | 70203 | 63608 | 61633 | 63608 | 70203 | 84067 |
| 85.0       | 89519 | 73961 | 66677 | 64510 | 66677 | 73961 | 89519 |
| 90.0       | 96079 | 78448 | 70335 | 67938 | 70335 | 78448 | 96079 |

(cd/m²)