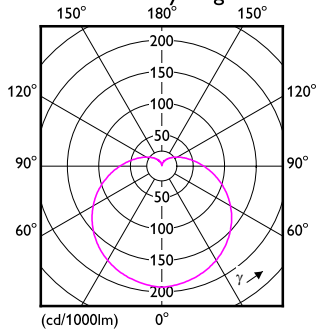
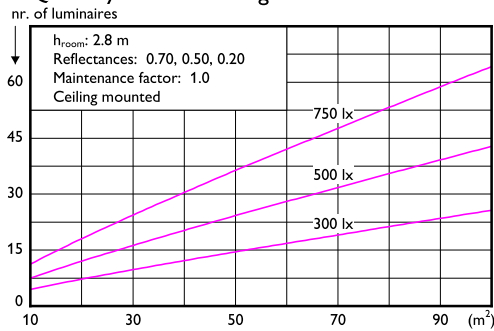


**1 x 9290030038 13.0W 2700K****1 x 1521 lm**

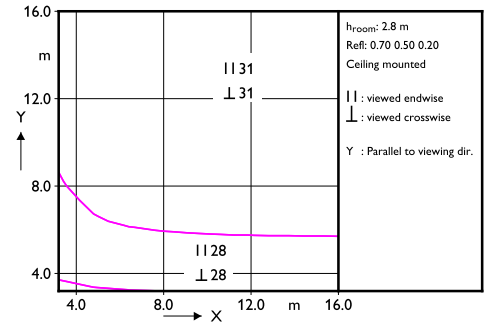
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 0.99  
Service upward 0.20  
Service downward 0.79

CIE flux code 34 62 84 80 99

UGRcen (4Hx8H, 0.25H) 30

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         | 0.39                                                        | 0.37 | 0.38 | 0.37 | 0.36 | 0.28 | 0.27 | 0.22 | 0.25 | 0.21 | 0.17 | 0.17 |
| 0.80         | 0.49                                                        | 0.46 | 0.47 | 0.45 | 0.44 | 0.36 | 0.34 | 0.28 | 0.31 | 0.27 | 0.23 | 0.23 |
| 1.00         | 0.57                                                        | 0.52 | 0.54 | 0.52 | 0.50 | 0.42 | 0.40 | 0.34 | 0.37 | 0.32 | 0.28 | 0.28 |
| 1.25         | 0.64                                                        | 0.59 | 0.61 | 0.59 | 0.57 | 0.49 | 0.46 | 0.40 | 0.43 | 0.38 | 0.33 | 0.33 |
| 1.50         | 0.71                                                        | 0.64 | 0.67 | 0.64 | 0.62 | 0.54 | 0.50 | 0.45 | 0.47 | 0.43 | 0.37 | 0.37 |
| 2.00         | 0.80                                                        | 0.71 | 0.76 | 0.72 | 0.69 | 0.62 | 0.58 | 0.53 | 0.54 | 0.50 | 0.44 | 0.44 |
| 2.50         | 0.86                                                        | 0.76 | 0.82 | 0.78 | 0.74 | 0.68 | 0.63 | 0.59 | 0.59 | 0.55 | 0.48 | 0.48 |
| 3.00         | 0.91                                                        | 0.80 | 0.86 | 0.81 | 0.77 | 0.72 | 0.67 | 0.63 | 0.62 | 0.59 | 0.52 | 0.52 |
| 4.00         | 0.98                                                        | 0.85 | 0.92 | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.67 | 0.64 | 0.57 | 0.57 |
| 5.00         | 1.02                                                        | 0.88 | 0.96 | 0.90 | 0.85 | 0.80 | 0.75 | 0.72 | 0.70 | 0.68 | 0.60 | 0.60 |

Ceiling mounted

Luminance Table

| Plane Cone | 0.0   | 15.0  | 30.0  | 45.0  | 60.0  | 75.0  | 90.0  |
|------------|-------|-------|-------|-------|-------|-------|-------|
| 45.0       | 54497 | 50002 | 47537 | 46751 | 47537 | 50002 | 54497 |
| 50.0       | 52662 | 47896 | 45318 | 44501 | 45318 | 47896 | 52662 |
| 55.0       | 50921 | 45890 | 43207 | 42362 | 43207 | 45890 | 50921 |
| 60.0       | 49253 | 43959 | 41176 | 40306 | 41176 | 43959 | 49253 |
| 65.0       | 47655 | 42089 | 39210 | 38316 | 39210 | 42089 | 47655 |
| 70.0       | 46136 | 40281 | 37304 | 36387 | 37304 | 40281 | 46136 |
| 75.0       | 44733 | 38553 | 35472 | 34531 | 35472 | 38553 | 44733 |
| 80.0       | 43513 | 36946 | 33745 | 32776 | 33745 | 36946 | 43513 |
| 85.0       | 42583 | 35525 | 32173 | 31170 | 32173 | 35525 | 42583 |
| 90.0       | 42189 | 34447 | 30885 | 29832 | 30885 | 34447 | 42189 |

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

2022-06-24