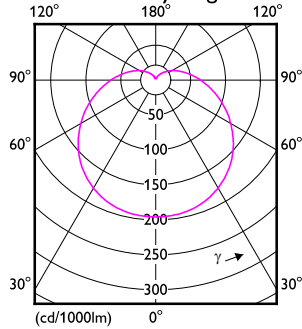


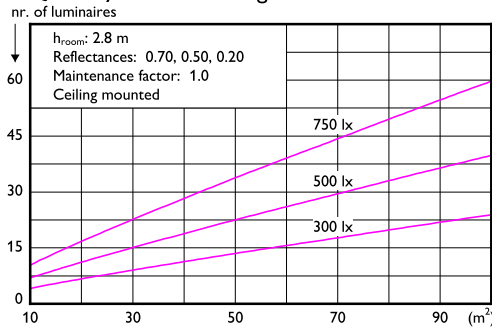
**1 x 9290020038 3000K 14.5W**

**1 x 1650 lm**

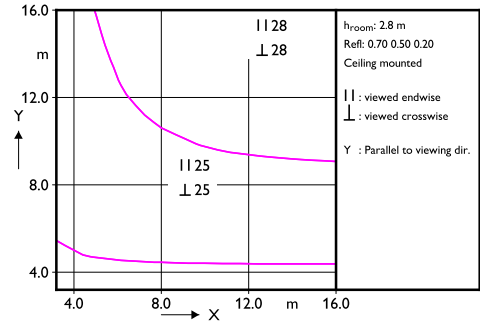
**Polar intensity diagram**



**Quantity estimation diagram**



**UGR diagram**



Light output ratio 0.97  
Service upward 0.18  
Service downward 0.79

CIE flux code 35 64 85 81 97

UGRcen (4Hx8H, 0.25H) 26

**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 | 0.37 | 0.36 | 0.36 | 0.28 | 0.26 | 0.22 | 0.25 | 0.21 | 0.18 | 0.18 |
| 0.80         | 0.48                                                        | 0.45 | 0.46 | 0.45 | 0.44 | 0.36 | 0.34 | 0.29 | 0.32 | 0.27 | 0.23 | 0.23 |
| 1.00         | 0.56                                                        | 0.52 | 0.54 | 0.52 | 0.50 | 0.42 | 0.40 | 0.35 | 0.37 | 0.33 | 0.28 | 0.28 |
| 1.25         | 0.64                                                        | 0.59 | 0.61 | 0.59 | 0.56 | 0.49 | 0.46 | 0.41 | 0.43 | 0.38 | 0.33 | 0.33 |
| 1.50         | 0.70                                                        | 0.63 | 0.67 | 0.64 | 0.61 | 0.54 | 0.51 | 0.46 | 0.47 | 0.43 | 0.38 | 0.38 |
| 2.00         | 0.79                                                        | 0.71 | 0.75 | 0.72 | 0.68 | 0.62 | 0.58 | 0.53 | 0.54 | 0.50 | 0.44 | 0.44 |
| 2.50         | 0.86                                                        | 0.76 | 0.81 | 0.77 | 0.73 | 0.67 | 0.63 | 0.59 | 0.59 | 0.55 | 0.49 | 0.49 |
| 3.00         | 0.90                                                        | 0.79 | 0.86 | 0.81 | 0.76 | 0.71 | 0.67 | 0.63 | 0.62 | 0.59 | 0.52 | 0.52 |
| 4.00         | 0.97                                                        | 0.84 | 0.91 | 0.86 | 0.81 | 0.76 | 0.71 | 0.68 | 0.67 | 0.64 | 0.57 | 0.57 |
| 5.00         | 1.01                                                        | 0.86 | 0.95 | 0.89 | 0.83 | 0.80 | 0.75 | 0.72 | 0.70 | 0.67 | 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       | 13655 | 12686 | 12144 | 11969 | 12144 | 12686 | 13655 |
| 50.0       | 13207 | 12167 | 11593 | 11410 | 11593 | 12167 | 13207 |
| 55.0       | 12759 | 11649 | 11045 | 10853 | 11045 | 11649 | 12759 |
| 60.0       | 12344 | 11161 | 10527 | 10327 | 10527 | 11161 | 12344 |
| 65.0       | 12049 | 10778 | 10107 | 9897  | 10107 | 10778 | 12049 |
| 70.0       | 11700 | 10339 | 9634  | 9415  | 9634  | 10339 | 11700 |
| 75.0       | 11479 | 10000 | 9251  | 9021  | 9251  | 10000 | 11479 |
| 80.0       | 11386 | 9753  | 8946  | 8701  | 8946  | 9753  | 11386 |
| 85.0       | 11417 | 9577  | 8696  | 8432  | 8696  | 9577  | 11417 |
| 90.0       | 11749 | 9593  | 8601  | 8308  | 8601  | 9593  | 11749 |

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

2020-10-21