

MELBYE ERL / Data sheet emergency lighting

Luminaire: MELBYE ERL

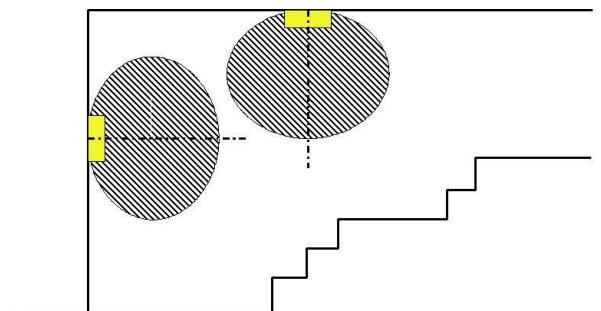
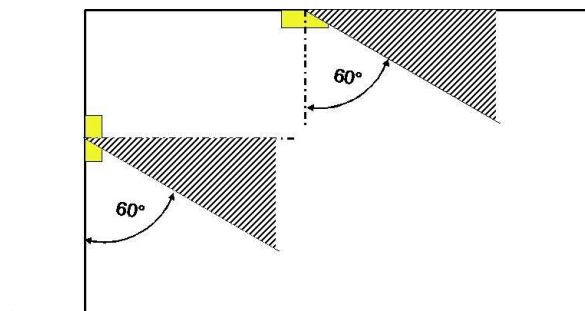
El.nr. 6685030

Lamps: 1 x Cree XT-E

| | |
|--|--------|
| Colour rendering index: | 0 |
| Luminous flux: | 150 lm |
| Correction Factor: | 1.000 |
| Emergency lighting factor: | 1.00 |
| Emergency lighting luminous flux: | 150 lm |
| Light output ratio: | 88.24 |
| Light output ratio (lower hemisphere): | 100.00 |
| Light output ratio (upper hemisphere): | 0.00 |






Glare valuation (Maximum luminous intensity [cd])

| | C0 | C90 | C0 - C360 |
|-----------------|-------|------|-----------|
| Gamma 60° - 90° | 282.3 | 7.2 | 292.2 |
| Gamma 0° - 180° | 282.3 | 26.2 | 292.2 |



Distance table for even escape routes

Mounting Height [m]

| Mounting Height [m] |  |  |  |  |  |
|---------------------|---|---|---|---|---|
| 2.00 | 6.95 | 15.48 | 10.46 | 5.30 | 1.81 |
| 2.50 | 8.14 | 17.97 | 11.84 | 5.45 | 1.79 |
| 3.00 | 8.94 | 20.38 | 12.87 | 5.17 | 1.75 |
| 3.50 | 9.28 | 22.63 | 13.93 | 5.12 | 1.60 |
| 4.00 | 8.76 | 24.37 | 14.40 | 4.98 | 1.38 |
| 4.50 | 7.41 | 25.08 | 13.84 | 4.79 | 0.96 |
| 5.00 | 3.23 | 22.51 | 10.48 | 4.44 | 0.34 |
| 5.50 | 0.00 | 18.64 | 4.81 | 3.96 | 0.00 |
| 6.00 | 0.00 | 17.20 | 3.16 | 3.23 | 0.00 |
| 6.50 | 0.00 | 15.64 | 2.07 | 2.12 | 0.00 |

The spacing table is based on the following parameters:

- Maintenance factor: 1.00
- Emergency lighting factor: 1.00
- Minimum illuminance on centre line: 1.00 lx
- Minimum illuminance on half of escape route width: 0.50 lx
- Diversity on the centre line max. 40 : 1
- Width of escape route: 2.00 m