

UNICO L6 basic

ceiling

090-1L653GW001



| | |
|----------------|--|
| Project / Type | |
| Notes | |
| Count / Date | |



General

| | |
|-------------------------------|--|
| Ceiling , Surface | |
| white , RAL 9016 ¹ | |
| Reflector chrome | |
| IP20 | |
| 2790 lm | |

LED

| | |
|--|--|
| 3000 K | |
| CRI ≥ 90 | |
| L90 / 50000 h | |
| initial MacAdam ≤ 3 SDCM | |
| R _g : 100 , R _f : 92 , R _{f(1-15)} : 91 | |
| MR 0.64 | |
| MDER 0.58 | |

Optical

| | |
|------------------------------|--|
| wide flood square | |
| beam angle 71° | |
| ≥65° <3000 cd/m ² | |
| PstLM ≤ 1.0 ² | |
| SVM ≤ 0.4 ² | |

Electrical

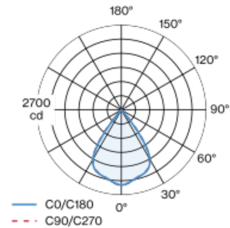
| | |
|------------------------------|--|
| DALI-2 | |
| 220-240 V | |
| system 27.1 W | |
| system 103 lm/W ³ | |
| PC1 | |

Physical

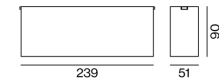
| | |
|---------------|--|
| length 239 mm | |
| width 51 mm | |
| height 90 mm | |
| 0.7 kg | |

¹ RAL code ² Value of containing product at full load (undimmed)
³ FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

Light distribution



Product drawing



Installation instructions



Lighting calculator



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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF | 0.96 | 0.95 | 0.95 | 0.94 | 0.93 |
| LSF | 1 | 1 | 1 | 1 | 1 |

| | | | |
|------------------|------------------------------|-------------------|---------------------------------|
| MF | LMF × RSMF × LLMF × LSF | RSMF ^a | Room Surface Maintenance Factor |
| MF | Maintenance Factor | LLMF | Lamp Lumens Maintenance Factor |
| LMF ^a | Luminaire Maintenance Factor | LSF | Lamp Survival Faktor |

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10 | 45 |
| B13 | 59 |
| B16 | 72 |
| B20 | 90 |
| C10 | 77 |
| C13 | 100 |
| C16 | 122 |
| C20 | 153 |

