

TASK 1500 direct

ceiling

059-2115D38K



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



General

| |
|------------------------------|
| Ceiling , Surface |
| black , RAL9005 ¹ |
| IP20 |
| 4330 lm |

LED

| |
|---------------------------------|
| tunable white |
| 2700 K - 6500 K |
| CRI ≥ 80 |
| L85 / 50000 h |
| photobio. safety RG 0 - no Risk |
| MR 1.01 |
| MDER 0.92 |

Optical

| |
|-----------------------------|
| Microprismatic |
| UGR < 19 , ≥65° <3000 cd/m² |
| PstLM ≤ 1.0 ² |
| SVM ≤ 0.4 ² |

Electrical

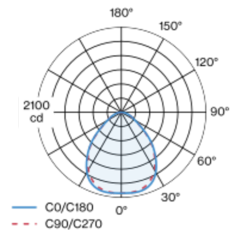
| |
|--------------|
| DALI-2 |
| 37 W |
| PC1 220-240V |
| 117 lm/W |
| 1 DALI Addr. |

Physical

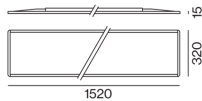
| |
|----------------|
| length 1520 mm |
| width 320 mm |
| height 38 mm |
| 10.5 kg |

Rectangular luminaire housing with rounded edges in aluminium; extremely flat design (only 15mm); modern shape in elegant design for discerning requirements; surface black powder coated; suitable for wall or ceiling mounting; convenient quick mounting system without tools; direct light distribution through LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; microprismatic PMMA cover; completely homogeneous illumination; same light density for all surface lights with the same components; UGR ≤ 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; light colour: tunable white diodes (2700-6500 K); CRI ≥ 80; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; luminaire with 2 cable openings and plug-in terminals for through wiring; degree of protection IP20; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; internal wiring in light halogen free; incl. DALI-2 converter; sound absorbing accessories available; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



¹ RAL code ² Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator



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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF | 0.97 | 0.95 | 0.93 | 0.9 | 0.88 |
| 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 | 7 |
| B13 | 10 |
| B16 | 12 |
| B20 | 14 |
| C10 | 10 |
| C13 | 20 |
| C16 | 24 |
| C20 | 28 |

