

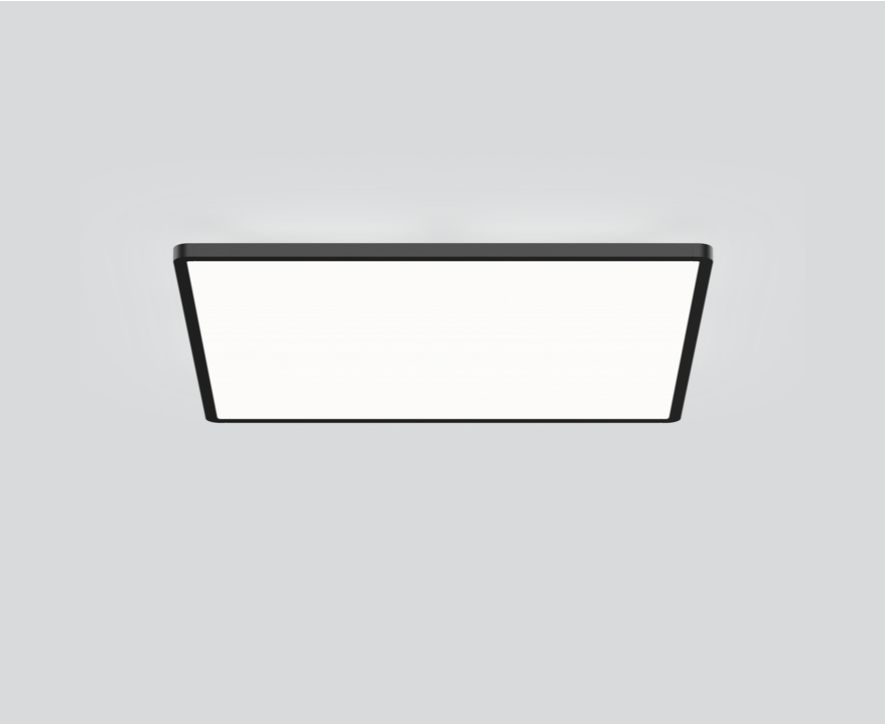
TASK 600 square direct

surface

059-2142038K



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



General

| | |
|-------------------------------|--|
| Ceiling / Wall , Surface | |
| black , RAL 9005 ¹ | |
| IP20 | |
| 3510 lm | |

LED

| | |
|--|--|
| 3000 K | |
| CRI ≥ 90 | |
| L90 / 50000 h | |
| initial MacAdam ≤ 3 SDCM | |
| R _g : 96 , R _f : 90 , R ₍₁₋₁₅₎ : 90 | |
| MR 0.61 | |
| MDER 0.56 | |

Optical

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

Electrical

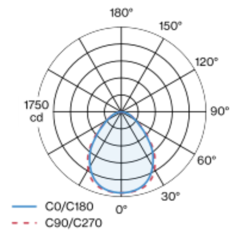
| | |
|------------------------------|--|
| DALI-2 | |
| 220-240 V | |
| system 27.3 W | |
| system 129 lm/W ³ | |
| PC1 | |
| 1 DALI Addr. | |

Physical

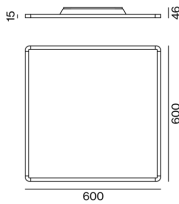
| | |
|---------------|--|
| length 600 mm | |
| width 600 mm | |
| height 46 mm | |
| 6 kg | |

square luminaire housing with rounded edges in aluminium; extremely flat design (only 15mm); modern shape in an elegant design for high demands; 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 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 90% 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; 220-240 V; 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)
³ FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

Installation instructions



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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF | 0.98 | 0.97 | 0.95 | 0.93 | 0.92 |
| LSF | 1 | 1 | 1 | 1 | 1 |

MF

LMF × RSMF × LLMF × LSF

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens 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 | 13 |
| B13 | 20 |
| B16 | 24 |
| B20 | 30 |
| C10 | 26 |
| C13 | 40 |
| C16 | 48 |
| C20 | 60 |

