

TASK S direct / indirect soft

suspended

059-5255037K



Project / Type

Notes

Count / Date



General

Ceiling , Suspended

white , RAL 9010 ¹

IP20

indirect 408 lm

direct 2380 lm

total 2790 lm

LED

3000 K

CRI \geq 90

L90 / 50000 h

initial MacAdam \leq 3 SDCM

R_g: 96 , R_f: 90 , R₍₁₋₁₅₎: 90

MR 0.61

MDER 0.56

Optical

Microprismatic

microprismatic

UGR < 19 , $\geq 65^\circ$ <3000 cd/m²

P_{stLM} \leq 1.0 ²

SVM \leq 0.4 ²

Rectangular luminaire housing with rounded edges in aluminium; extremely flat (only 15mm) and slim (only 180mm) design; modern shape in an elegant design for high demands; surface white powder coated; suspended luminaire with 1500mm cable suspension; with integrated toolless suspension height adjustment on the luminaire; incl. feed (white); direct/indirect light distribution by LGP body (Light Guiding Prism); side coupled light, directed up and down 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 \leq 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° \leq 3000 cd/m²; light colour 3000 K; binning initial MacAdam \leq 3 SDCM; CRI \geq 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; canopy with 2 cable openings and plug-in terminal 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;

Electrical

DALI-2

220-240 V

system 24.4 W

system 114 lm/W³

PC1

1 DALI Addr.

Physical

cable 1500 mm

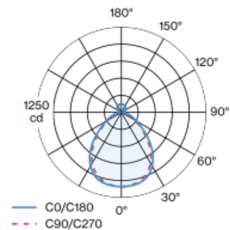
length 1448 mm

width 180 mm

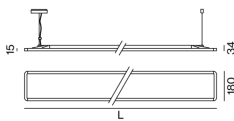
height 34 mm

4.2 kg

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



Lighting calculator



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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	18
B13	23
B16	28
B20	35
C10	30
C13	38
C16	46
C20	58

