

TASK S direct / indirect power

suspended

059-5264138K



Project / Type

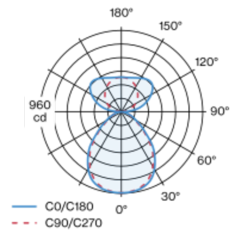
Notes

Count / Date

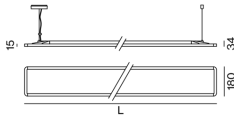


Rectangular luminaire housing with rounded edges in aluminium; extremely flat (only 15mm) and slim (only 180mm) design; modern shape in an elegant design for high demands; surface black powder coated; suspended luminaire with 1500mm cable suspension; with integrated toolless suspension height adjustment on the luminaire; incl. feed (black); direct light distribution through LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; indirect light component with special PCBs for increased luminous flux and maximum ceiling illumination; microprismatic PMMA cover; completely homogeneous illumination; same light density for all surface lights with the same components; UGR ≤ 16 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 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;

Light distribution



Product drawing



General

Ceiling , Suspended

black , RAL 9005 ¹

IP20

indirect 1640 lm

direct 2010 lm

total 3650 lm

LED

4000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 96 , R_f: 90 , R₍₁₋₁₅₎: 87

MR 0.75

MDER 0.68

Optical

Microprismatic

microprismatic

UGR ≤ 16 , $\geq 65^\circ$ <3000 cd/m²

P_{stLM} ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

220-240 V

system 29.6 W

system 123 lm/W³

PC1

1 DALI Addr.

Physical

cable 1500 mm

length 1180 mm

width 180 mm

height 34 mm

3.5 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.

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	12
B13	16
B16	20
B20	25
C10	20
C13	27
C16	34
C20	41