

TASK S direct / indirect TW

power

suspended
059-52D613XK



Project / Type
Notes
Count / Date



General

Ceiling , Suspended
special colours
IP20
indirect 1840 lm
direct 2330 lm
total 4170 lm

LED

4000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R _g : 99 , R _f : 92 , R ₍₁₋₁₅₎ : 90
MR 0.81
MDER 0.74

Optical

Microprismatic
microprismatic
UGR ≤ 16 , $\geq 65^\circ$ <3000 cd/m ²
PstLM ≤ 1.0 ¹
SVM ≤ 0.4 ¹

Electrical

DALI-2
220-240 V
system 33 W
system 126 lm/W ²
PC1
1 DALI Addr.

Physical

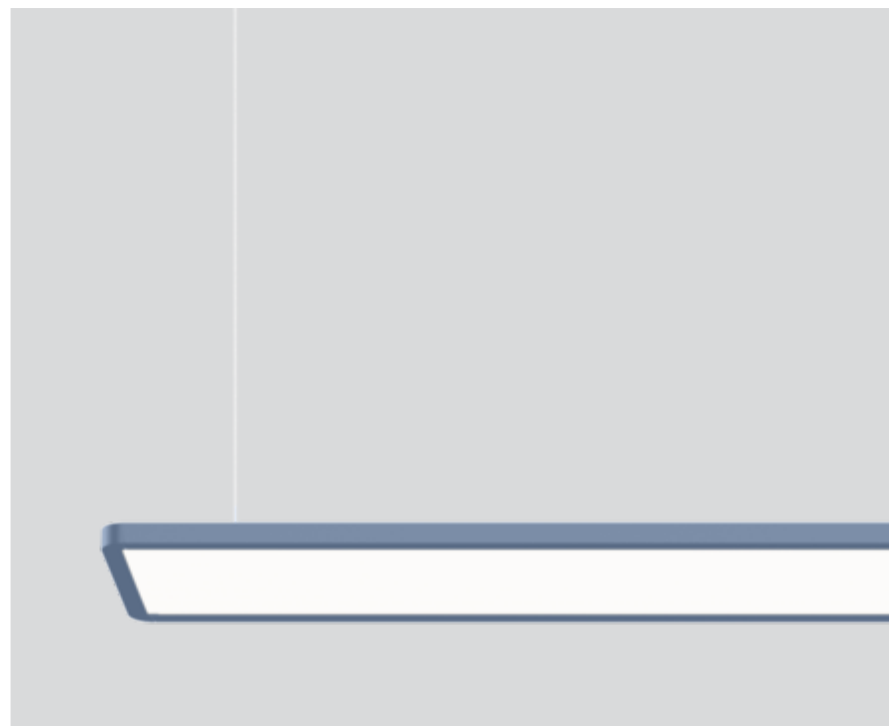
cable 1500 mm
length 1748 mm
width 180 mm
height 34 mm
5.9 kg

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

Installation instructions

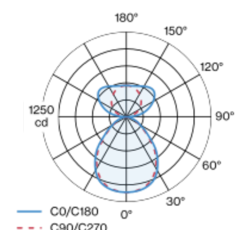


Lighting calculator



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 special colours powder coated; suspended luminaire with 1500mm cable suspension; with integrated toolless suspension height adjustment on the luminaire; incl. feed (white); 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, separately controllable; 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 $65^\circ \leq 3000$ cd/m²; light colour direct light component: 4000 K; light colour indirect light component: tunable white diodes (2700-6500 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



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.92	0.9
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	8
B13	10
B16	13
B20	16
C10	13
C13	17
C16	22
C20	27

