

TASK S linear direct / indirect TW power

suspended system
059-57D5137K



Project / Type _____

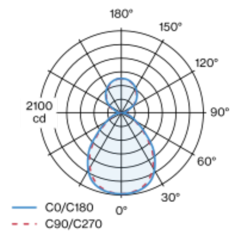
Notes _____

Count / Date _____

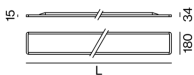


Luminaire housing made of aluminium with rounded edges; extremely flat (only 15mm) and slim (only 180mm) design; modern shape in an elegant design for high demands; for continuous lighting systems; surface white powder coated; with integrated toolless suspension height adjustment on the luminaire; convenient 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; 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 ≤ 19 ; 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; 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; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling , Suspended
white , RAL9010 ¹
IP20
indirect 2590 lm
direct 4140 lm
total 6730 lm

LED

4000 K
CRI ≥ 90
L90 / 50000 h
photobio. safety RG 0 - no Risk
initial MacAdam ≤ 3 SDCM
R_g: 96 , R_r: 90 , R_{t(1-15)}: 87
MR 0.75
MDER 0.68

Optical

Microprismatic
microprismatic
UGR < 19
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

DALI-2
system 61 W
PC1 220-240V
system 110 lm/W³
2 DALI Addr.

Physical

length 1457 mm
width 180 mm
height 34 mm
5.1 kg

¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. optical losses and the efficiency of the operating device (converter)

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



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Mounting accessories

LINEAR CONNECTOR

TYPE	COLOUR	ARTICLE NUMBER(S)
mechanical & electrical	pure white	059-2792317
mechanical & electrical	jet black	059-2792318
mechanical	pure white	059-2792417
mechanical	jet black	059-2792418



CORNER CONNECTOR

TYPE	COLOUR	ARTICLE NUMBER(S)
90° mechanical & electrical	pure white	059-2792717
90° mechanical & electrical	jet black	059-2792718
90° mechanical	pure white	059-2792817
90° mechanical	jet black	059-2792818



LONG LINEAR CONNECTOR

TYPE	COLOUR	ARTICLE NUMBER(S)
L 800 mm mechanical & electrical	pure white	059-2792327
L 800 mm mechanical & electrical	jet black	059-2792328
L 1200 mm mechanical & electrical	pure white	059-2792337
L 1200 mm mechanical & electrical	jet black	059-2792338
L 1200 mm mechanical & electrical cuttable	pure white	059-2792307
L 1200 mm mechanical & electrical cuttable	jet black	059-2792308
L 2400 mm mechanical & electrical cuttable	pure white	059-2792347
L 2400 mm mechanical & electrical cuttable	jet black	059-2792348



CABLE SUSPENSION

COLOUR	ARTICLE NUMBER(S)
pure white	059-2792127



END PIECE

TYPE	COLOUR	ARTICLE NUMBER(S)
incl. cable suspension	pure white	059-2792117
incl. cable suspension	jet black	059-2792118



POWER FEEDER

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
5 x 1,5 mm ²	pure white	106-36-1500	059-2792217
5 x 1,5 mm ²	jet black	106-36-1500	059-2792218



MIDDLE POWER FEEDER

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
5 x 1,5 mm ²	pure white	100-100-1500	059-2792517
5 x 1,5 mm ²	jet black	100-100-1500	059-2792518

