

TASK S linear sensor direct / indirect power

suspended system

059-5766D77K



Project / Type

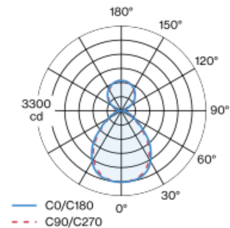
Notes

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 pure 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; microprismatic PMMA cover; completely homogeneous illumination; same light density for all surface lights with the same components; UGR ≤ 19; light colour: tunable white diodes (2700-6500 K); CRI ≥ 80; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. converter, non dimmable; 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

pure white | RAL 9010

IP20

indirect 3140 lm | direct 5820 lm

total 8960 lm

LED

tunable white | 2700 K - 6500 K

CRI ≥ 80

L85 / 50000 h

MR 1.01 | MDER 0.92

Optical

Microprismatic | microprismatic

UGR ≤ 19

PstLM ≤ 1.0 ¹ | SVM ≤ 0.4 ¹

Electrical

DALI-2 / DALI-2 ESSENTIAL sensor | 2 DALI Addr.

brightness & presence

DT8

PC1 | 220-240 V

system 85 W

system 105 lm/W ²

Physical

length 1757 mm | width 180 mm | height 34 mm

5 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



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.97	0.94	0.92	0.9	0.88
LSF	1	1	1	1	1

MF

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

Lamp Survival Factor

^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



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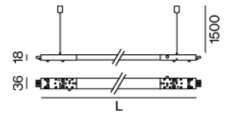
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Mounting accessories

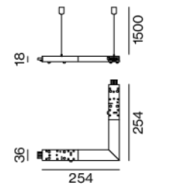
LINEAR CONNECTOR cable suspension

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
mechanical & electrical	pure white	315-36-18	059-2792317
mechanical & electrical	jet black	315-36-18	059-2792318
mechanical	pure white	315-36-18	059-2792417
mechanical	jet black	315-36-18	059-2792418



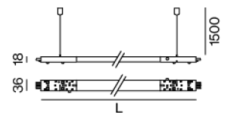
CORNER CONNECTOR cable suspension

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



SYSTEM CONNECTOR cable suspension

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
mechanical & electrical	pure white	800-36-18	059-2792327
mechanical & electrical	jet black	800-36-18	059-2792328
mechanical & electrical	pure white	1200-36-18	059-2792337
mechanical & electrical	jet black	1200-36-18	059-2792338
mechanical & electrical cuttable	pure white	1200-36-18	059-2792307
mechanical & electrical cuttable	jet black	1200-36-18	059-2792308
mechanical & electrical cuttable	pure white	2400-36-18	059-2792347
mechanical & electrical cuttable	jet black	2400-36-18	059-2792348



CABLE SUSPENSION

COLOUR	ARTICLE NUMBER(S)
pure white	059-2792127



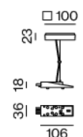
END PIECE incl. cable suspension

COLOUR	ARTICLE NUMBER(S)
pure white	059-2792117
jet black	059-2792118



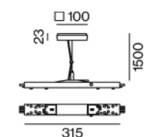
POWER FEEDER incl. cable suspension

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
pure white	106-36-1500	059-2792217
jet black	106-36-1500	059-2792218



MIDDLE POWER FEEDER incl. cable suspension

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
pure white	100-100-1500	059-2792517
jet black	100-100-1500	059-2792518



['059-5766D77K'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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