

SETA linear direct / indirect TW power

suspended system

074-50D9178B



Project / Type

Notes

Count / Date



General

Ceiling , Suspended

black , RAL 9005 ¹

Reflector dark chrome

IP20

indirect 6870 lm

direct 4590 lm

total 11460 lm

LED

4000 K

CRI \geq 90

L90 / 50000 h

initial MacAdam \leq 3 SDCM

R_g: 99 , R_r: 92 , R₁₋₁₅: 90

MR 0.81

MDER 0.74

Optical

Reflector

symmetric

UGR \leq 13 , \geq 65° <1500 cd/m²

PstLM \leq 1.0 ²

SVM \leq 0.4 ²

Electrical

DALI-2 sensor

220-240 V

system 106 W

system 108 lm/W³

PC1

3 DALI Addr.

Physical

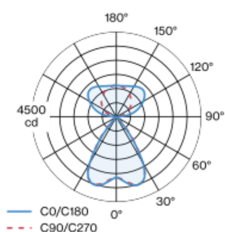
length 3400 mm

width 60 mm

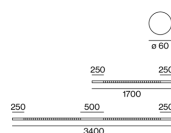
height 60 mm

Luminaire housing made of extruded aluminium profile; extremely slim design (only Ø 61 mm) linear; converter integrated into luminaire housing; no visible screws; for lighting systems; surface black powder coated; for suspended mounting (1500 mm cable suspension as an accessory); with integrated toolless suspension height adjustment on the luminaire; spring clip attachment to the luminaire; extruded profile for improved thermal management; light colour direct light component: 4000 K; light colour indirect light component: tunable white diodes (2700-6500 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; high gloss reflector with faceted design; Reflector dark chrome; UGR \leq 13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° \leq 1500 cd/m²; direct/indirect illumination characteristic; indirect light component with integrated PC boards and high quality lens system for maximum, homogeneous ceiling illumination, separately controllable; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; luminaire with integrated DALI-2 infrared presence and brightness sensor (DALI-2 controller required); automatic light control of luminaire to individually adjustable brightness; variable automatic shutdown; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

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	0.96	0.94	0.92	0.9
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	5
B13	7
B16	9
B20	11
C10	9
C13	12
C16	15
C20	19

Mounting accessories

END CAPS

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
white	60	074-5090017
black	60	074-5090018



Mounting accessories

LINEAR CONNECTOR

ARTICLE NUMBER(S)
074-5091110
074-6091120



CORNER CONNECTOR

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
90° incl. through wire 5 × 1.5 mm ²	white	60-250-250	074-5091217
90° incl. through wire 5 × 1.5 mm ²	black	60-250-250	074-5091218



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CEILING FASTENER

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
traffic white	67-48-8	050-2041217
jet black	67-48-8	050-2041218



CABLE SUSPENSION

COLOUR	ARTICLE NUMBER(S)
chrome	005-2152110



CANOPY / FEEDER CABLE

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
5 x 1,5 mm ²	pure white	90-90-22	005-2212417
5 x 1,5 mm ²	jet black	90-90-22	005-2212418



THROUGH WIRE

TYPE	ARTICLE NUMBER(S)
5 x 1,5 mm ² 10 pieces	004-90005



Optical accessories

BLIND COVER

TYPE	COLOUR	ARTICLE NUMBER(S)
250 mm	white	074-5099107
250 mm	black	074-5099108
500 mm	white	074-5099117
500 mm	black	074-5099118

