

# SETA linear direct / indirect TW power

suspended system  
074-50D9078R



Project / Type

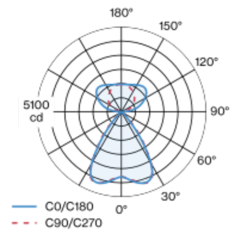
Notes

Count / Date

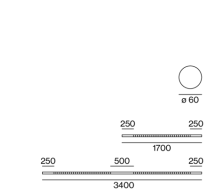


Luminaire housing made of extruded aluminium profile; extremely slim design (only Ø 61 mm) linear; converter integrated into luminaire housing; no visible screws; for lighting systems; surface black powder coated; for suspended mounting (1500 mm cable suspension as an accessory); with integrated toolless suspension height adjustment on the luminaire; spring clip attachment to the luminaire; extruded profile for improved thermal management; light colour direct light component: 3000 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 chrome; UGR  $\leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 1500$  cd/m<sup>2</sup>; 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. converter, non dimmable; 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

black | RAL 9005 <sup>1</sup>

Reflector chrome

IP20

indirect 6870 lm | direct 5930 lm

total 12800 lm

## LED

3000 K

CRI  $\geq 90$

L90 / 50000 h

initial MacAdam  $\leq 3$  SDCM

R<sub>g</sub>: 99 | R<sub>f</sub>: 91 | R<sub>(1-15)</sub>: 89

MR 0.61 | MDER 0.55

## Optical

Reflector | symmetric

UGR  $\leq 13$  |  $\geq 65^\circ$   $< 1500$  cd/m<sup>2</sup>

PstLM  $\leq 1.0$  <sup>2</sup> | SVM  $\leq 0.4$  <sup>2</sup>

## Electrical

DALI-2 / DALI-2 ESSENTIAL sensor | 3 DALI Addr.

brightness & presence

PC1 | 220-240 V

system 106 W

system 121 lm/W <sup>3</sup>

## Physical

length 3400 mm | width 60 mm | height 60 mm

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> 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 <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire Maintenance Factor		LSF	Lamp Survival Factor	

<sup>a</sup> 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°	white	60-250-250	074-5091217
90°	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

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
pure white	90-90-22	005-2212417
jet black	90-90-22	005-2212418



### THROUGH WIRE

TYPE	ARTICLE NUMBER(S)
10 pieces	004-90005



## Optical accessories

### BLIND COVER

COLOUR	ARTICLE NUMBER(S)
white	074-5099107
black	074-5099108
white	074-5099117
black	074-5099118

