

# SETA linear direct

ceiling / suspended system

074-5009037B



Project / Type

Notes

Count / Date



### General

Ceiling , Suspended

white , RAL 9010 <sup>1</sup>

Reflector dark chrome

IP20

5480 lm

### LED

3000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 99 , R<sub>r</sub>: 91 , R<sub>t(1-15)</sub>: 89

MR 0.61

MDER 0.55

### Optical

Reflector

symmetric

UGR < 19 , ≥65° <1500 cd/m<sup>2</sup>

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

### Electrical

DALI-2

220-240 V

system 45 W

system 122 lm/W<sup>3</sup>

PC1

2 DALI Addr.

### Physical

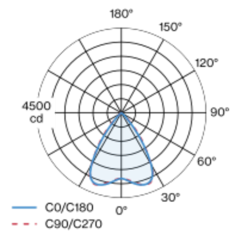
length 3400 mm

width 60 mm

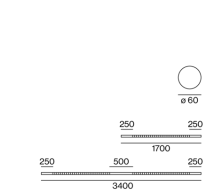
height 60 mm

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 white powder coated; for ceiling surface mounting or 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 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 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 ≤ 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m<sup>2</sup>; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. DALI-2 converter; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

### Light distribution



### Product drawing



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> 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

MF

LMF<sup>a</sup>

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF<sup>a</sup>

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

Lamp Survival Faktor

<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                            | 15                 |
| B13                            | 20                 |
| B16                            | 25                 |
| B20                            | 31                 |
| C10                            | 26                 |
| C13                            | 33                 |
| C16                            | 42                 |
| C20                            | 52                 |

## MOUNTING

### END CAPS

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



## MOUNTING

### 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 mm² | white  | 60-250-250 | 074-5091217       |
| 90°   incl. through wire 5 × 1.5 mm² | 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 <sup>2</sup> | pure white | 90-90-22   | 005-2212417       |
| 5 x 1,5 mm <sup>2</sup> | jet black  | 90-90-22   | 005-2212418       |



### THROUGH WIRE

| TYPE                                | ARTICLE NUMBER(S) |
|-------------------------------------|-------------------|
| 5 x 1,5 mm <sup>2</sup>   10 pieces | 004-90005         |



## OPTICAL

### 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       |

