

SETA linear direct

ceiling / suspended system

074-5006138B



Project / Type

Notes

Count / Date



General

Ceiling , Suspended

black , RAL 9005 ¹

Reflector dark chrome

IP20

2960 lm

LED

4000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 99 , R_r: 92 , R_{t(1-15)}: 90

MR 0.81

MDER 0.74

Optical

Reflector

symmetric

UGR ≤ 19 , ≥65° <1500 cd/m²

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

220-240 V

system 22.6 W

system 131 lm/W³

PC1

1 DALI Addr.

Physical

length 1700 mm

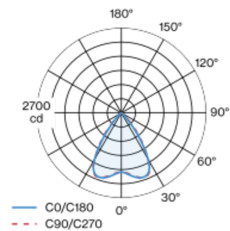
width 60 mm

height 60 mm

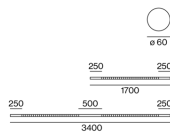
¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

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 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 4000 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/m²; 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



Installation instructions



Lighting calculator



[‘074-5006138B’] 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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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 | 31 |
| B13 | 40 |
| B16 | 50 |
| B20 | 62 |
| C10 | 52 |
| C13 | 67 |
| C16 | 85 |
| C20 | 104 |

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 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 mm² | pure white | 90-90-22 | 005-2212417 |
| 5 x 1,5 mm² | jet black | 90-90-22 | 005-2212418 |



THROUGH WIRE

| TYPE | ARTICLE NUMBER(S) |
|-------------------------|-------------------|
| 5 x 1,5 mm² 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 |

