

SETA linear direct / indirect power

suspended system
074-5036638B



Project / Type _____

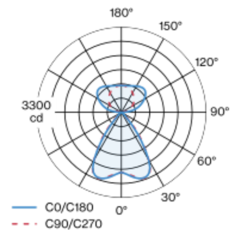
Notes _____

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 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80 ; 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 ≤ 13 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 1500$ 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 220-240V; 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



General

Ceiling , Suspended _____

black , RAL9005 ¹ _____

Reflector dark chrome _____

IP20 _____

indirect 4220 lm _____

direct 3610 lm _____

total 7830 lm _____

LED

4000 K _____

CRI ≥ 80 _____

L90 / 50000 h _____

initial MacAdam ≤ 3 SDCM _____

MR 0.72 _____

MDER 0.65 _____

Optical

Reflector _____

symmetric _____

UGR < 13 , $\geq 65^\circ < 1500$ cd/m² _____

PstLM ≤ 1.0 ² _____

SVM ≤ 0.4 ² _____

Electrical

DALI-2 _____

system 51 W _____

PC1 220-240V _____

system 154 lm/W³ _____

2 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. optical losses and the efficiency of the operating device (converter)

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 | 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 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

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 |

