

TASK S linear sensor direct / indirect soft

suspended system
059-5756178K



Project / Type _____

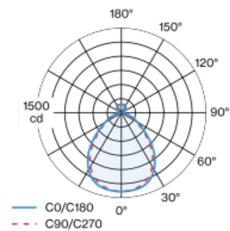
Notes _____

Count / Date _____

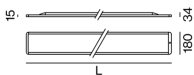


Luminaire housing made of aluminium with rounded edges; extremely flat (only 15mm) and slim (only 180mm) design; modern shape in an elegant design for high demands; for continuous lighting systems; surface black powder coated; with integrated toolless suspension height adjustment on the luminaire; convenient quick mounting system without tools; direct/indirect light distribution by LGP body (Light Guiding Prism); side coupled light, directed up and down by laser engraving; light control via highly reflective reflector material; microprismatic PMMA cover; completely homogeneous illumination; same light density for all surface lights with the same components; UGR ≤ 19 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 3000 \text{ cd/m}^2$; light colour 4000 K; binning initial MacAdam $\leq 3 \text{ SDCM}$; CRI ≥ 90 ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; 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; sound absorbing accessories available; 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 ¹ _____

IP20 _____

indirect 521 lm _____

direct 3040 lm _____

total 3560 lm _____

LED

4000 K _____

CRI ≥ 90 _____

L90 / 50000 h _____

initial MacAdam $\leq 3 \text{ SDCM}$ _____

R_g: 96 , R_f: 90 , R₍₁₋₁₅₎: 87 _____

MR 0.75 _____

MDER 0.68 _____

Optical

Microprismatic _____

microprismatic _____

UGR < 19 , $\geq 65^\circ < 3000 \text{ cd/m}^2$ _____

P_{st}LM ≤ 1.0 ² _____

SVM ≤ 0.4 ² _____

Electrical

DALI-2 sensor _____

220-240 V _____

system 29.2 W _____

system 122 lm/W³ _____

PC1 _____

2 DALI Addr. _____

Physical

length 1757 mm _____

width 180 mm _____

height 34 mm _____

4.8 kg _____

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 | 0.97 | 0.95 | 0.93 | 0.92 |
| 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 | 18 |
| B13 | 23 |
| B16 | 28 |
| B20 | 35 |
| C10 | 30 |
| C13 | 38 |
| C16 | 46 |
| C20 | 58 |



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Mounting accessories

LINEAR CONNECTOR

| TYPE | COLOUR | ARTICLE NUMBER(S) |
|-------------------------|------------|-------------------|
| mechanical & electrical | pure white | 059-2792317 |
| mechanical & electrical | jet black | 059-2792318 |
| mechanical | pure white | 059-2792417 |
| mechanical | jet black | 059-2792418 |



CORNER CONNECTOR

| TYPE | COLOUR | ARTICLE NUMBER(S) |
|-------------------------------|------------|-------------------|
| 90° mechanical & electrical | pure white | 059-2792717 |
| 90° mechanical & electrical | jet black | 059-2792718 |
| 90° mechanical | pure white | 059-2792817 |
| 90° mechanical | jet black | 059-2792818 |



SYSTEM CONNECTOR

| TYPE | COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|--|------------|------------|-------------------|
| L 800 mm mechanical & electrical | pure white | 800-36-18 | 059-2792327 |
| L 800 mm mechanical & electrical | jet black | 800-36-18 | 059-2792328 |
| L 1200 mm mechanical & electrical | pure white | 1200-36-18 | 059-2792337 |
| L 1200 mm mechanical & electrical | jet black | 1200-36-18 | 059-2792338 |
| L 1200 mm mechanical & electrical cuttable | pure white | 1200-36-18 | 059-2792307 |
| L 1200 mm mechanical & electrical cuttable | jet black | 1200-36-18 | 059-2792308 |
| L 2400 mm mechanical & electrical cuttable | pure white | 2400-36-18 | 059-2792347 |
| L 2400 mm mechanical & electrical cuttable | jet black | 2400-36-18 | 059-2792348 |



CABLE SUSPENSION

| COLOUR | ARTICLE NUMBER(S) |
|------------|-------------------|
| pure white | 059-2792127 |



END PIECE

| TYPE | COLOUR | ARTICLE NUMBER(S) |
|------------------------|------------|-------------------|
| incl. cable suspension | pure white | 059-2792117 |
| incl. cable suspension | jet black | 059-2792118 |



POWER FEEDER

| TYPE | COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|-------------------------|------------|-------------|-------------------|
| 5 x 1,5 mm ² | pure white | 106-36-1500 | 059-2792217 |
| 5 x 1,5 mm ² | jet black | 106-36-1500 | 059-2792218 |



MIDDLE POWER FEEDER

| TYPE | COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|-------------------------|------------|--------------|-------------------|
| 5 x 1,5 mm ² | pure white | 100-100-1500 | 059-2792517 |
| 5 x 1,5 mm ² | jet black | 100-100-1500 | 059-2792518 |

