

# TASK S linear sensor direct / indirect soft

suspended system  
059-5756077K

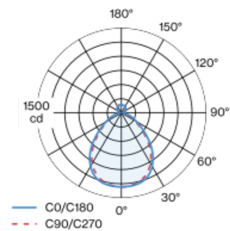


|                |
|----------------|
| Project / Type |
| Notes          |
| Count / Date   |



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 white 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  $\leq 19$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 3000 \text{ cd/m}^2$ ; light colour 3000 K; binning initial MacAdam  $\leq 3 \text{ SDCM}$ ; CRI  $\geq 90$ ; 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           |
| white , RAL 9010 <sup>1</sup> |
| IP20                          |
| indirect 490 lm               |
| direct 2860 lm                |
| total 3350 lm                 |

## LED

|  |
|--|
| 3000 K   |
| CRI $\geq 90$  |
| L90 / 50000 h  |
| initial MacAdam $\leq 3 \text{ SDCM}$                                |
| R <sub>g</sub> : 96 , R <sub>f</sub> : 90 , R <sub>(1-15)</sub> : 90 |
| MR 0.61  |
| MDER 0.56  |

## Optical

|  |
|--|
| Microprismatic                                     |
| microprismatic                                     |
| UGR $< 19$ , $\geq 65^\circ < 3000 \text{ cd/m}^2$ |
| P <sub>stLM</sub> $\leq 1.0$ <sup>2</sup>          |
| SVM $\leq 0.4$ <sup>2</sup>                        |

## Electrical

|                              |
|------------------------------|
| DALI-2 sensor                |
| 220-240 V                    |
| system 29.2 W                |
| system 115 lm/W <sup>3</sup> |
| PC1                          |
| 2 DALI Addr.                 |

## Physical

|                |
|----------------|
| length 1757 mm |
| width 180 mm   |
| height 34 mm   |
| 4.8 kg         |

<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   | 0.97   | 0.95   | 0.93   | 0.92   |
| LSF                | 1      | 1      | 1      | 1      | 1      |

MF

LMF × RSMF × LLMF × LSF

MF

Maintenance Factor

LMF<sup>a</sup>

Luminaire Maintenance Factor

RSMF<sup>a</sup>

Room Surface Maintenance Factor

LLMF

Lamp Lumens Maintenance Factor

LSF

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                            | 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 <sup>2</sup> | pure white | 106-36-1500 | 059-2792217       |
| 5 x 1,5 mm <sup>2</sup> | jet black  | 106-36-1500 | 059-2792218       |



### MIDDLE POWER FEEDER

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

