

# TASK S linear direct / indirect soft

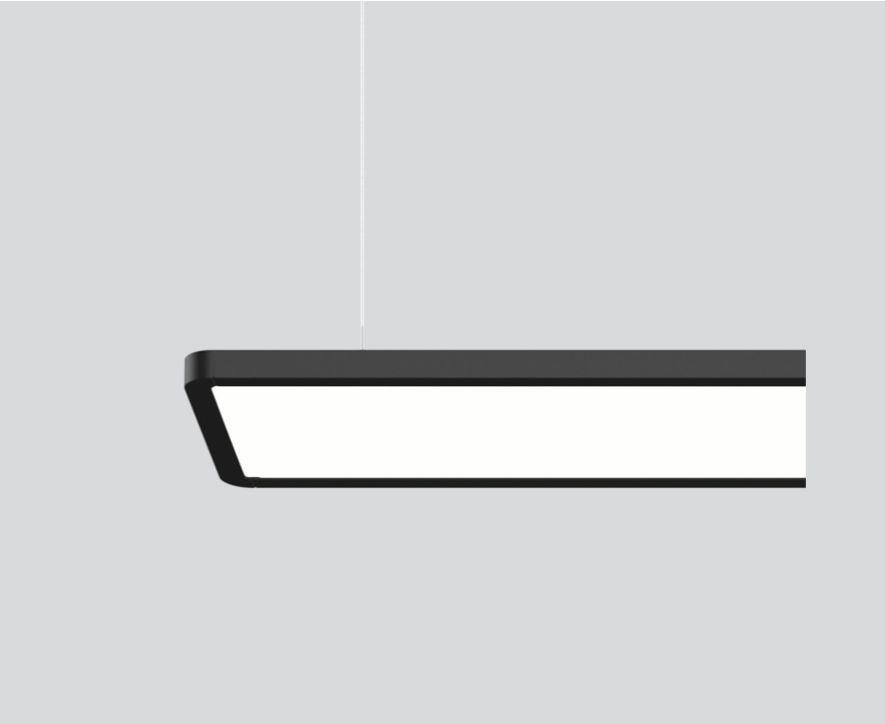
suspended system  
059-5755D38K



Project / Type

Notes

Count / Date



### General

Ceiling , Suspended

black , RAL9005 <sup>1</sup>

IP20

indirect 442 lm

direct 2580 lm

total 3020 lm

### LED

tunable white

2700 K - 6500 K

CRI ≥ 80

L85 / 50000 h

photobio. safety RG 0 - no Risk

MR 1.01

MDER 0.92

### Optical

Microprismatic

UGR < 19 , ≥65° <3000 cd/m²

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

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 tool-less suspension height adjustment; 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° ≤ 3000 cd/m²; light colour: tunable white diodes (2700-6500 K); CRI ≥ 80; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; internal wiring in light halogen free; incl. DALI-2 converter; sound absorbing accessories available; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

### Electrical

DALI-2

24.8 W

PC1 220-240V

122 lm/W

1 DALI Addr.

### Physical

length 1457 mm

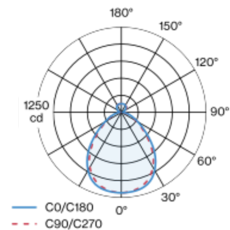
width 180 mm

height 34 mm

3.3 kg

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

### Light distribution



### Product drawing



### Installation instructions



### Lighting calculator



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## Maintenance Factors

| Operating Time [h] | 10 000                       | 20 000 | 30 000            | 40 000                          | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF               | 0.97                         | 0.94   | 0.92              | 0.9                             | 0.88   |
| LSF                | 1                            | 1      | 1                 | 1                               | 1      |
| MF                 | LMF × RSMF × LLMF × LSF      |        | RSMF <sup>a</sup> | Room Surface Maintenance Factor |        |
| MF                 | Maintenance Factor           |        | LLMF              | Lamp Lumens Maintenance Factor  |        |
| LMF <sup>a</sup>   | Luminaire 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       |



### LONG LINEAR CONNECTOR

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



### CABLE SUSPENSION

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



### END PIECE

| TYPE                           | COLOUR     | L-W-H (MM)  | ARTICLE NUMBER(S) |
|--------------------------------|------------|-------------|-------------------|
| incl. cable suspension 1500 mm | pure white | 106-36-1500 | 059-2792117       |
| incl. cable suspension 1500 mm | jet black  | 106-36-1500 | 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       |

