

TASK S linear sensor direct / indirect power

suspended system
059-5768078K



Project / Type

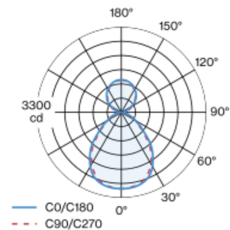
Notes

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 light distribution through LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; indirect light component with special PCBs for increased luminous flux and maximum ceiling illumination; microprismatic PMMA cover; completely homogeneous illumination; same light density for all surface lights with the same components; UGR ≤ 19 ; light colour 3000 K; binning initial MacAdam ≤ 3 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. converter, non dimmable; 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 3360 lm | direct 6220 lm

total 9580 lm

LED

3000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 96 | R_r: 90 | R_{t1-15}: 89

MR 0.61 | MDER 0.56

Optical

Microprismatic | microprismatic

UGR ≤ 19

PstLM ≤ 1.0 ² | SVM ≤ 0.4 ²

Electrical

DALI-2 / DALI-2 ESSENTIAL sensor | 3 DALI Addr.

brightness & presence

PC1 | 220-240 V

system 84 W

system 114 lm/W ³

Physical

length 2324 mm | width 180 mm | height 34 mm

7.5 kg

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

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^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens Maintenance Factor

LSF

Lamp Survival Factor

^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 | 6 |
| B13 | 8 |
| B16 | 10 |
| B20 | 12 |
| C10 | 10 |
| C13 | 13 |
| C16 | 17 |
| C20 | 20 |



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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 cable suspension

| 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

| COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|------------|-------------|-------------------|
| pure white | 106-36-1500 | 059-2792217 |
| jet black | 106-36-1500 | 059-2792218 |



MIDDLE POWER FEEDER

| COLOUR | L-W-H (MM) | ARTICLE NUMBER(S) |
|------------|--------------|-------------------|
| pure white | 100-100-1500 | 059-2792517 |
| jet black | 100-100-1500 | 059-2792518 |

