

# TASK S sensor direct / indirect soft

suspended

059-525607XK



Project / Type

Notes

Count / Date



### General

Ceiling | Suspended

special colours

IP20

indirect 490 lm | direct 2860 lm

total 3350 lm

### LED

3000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 96 | R<sub>f</sub>: 90 | R<sub>t1-15</sub>: 89

MR 0.61 | MDER 0.56

### Optical

Microprismatic | microprismatic

UGR ≤ 19 | ≥65° <3000 cd/m²

PstLM ≤ 1.0 <sup>1</sup> | SVM ≤ 0.4 <sup>1</sup>

### Electrical

stand alone ESSENTIAL sensor

brightness & presence

PC1 | 220-240 V

system 29.2 W

system 115 lm/W <sup>2</sup>

### Physical

cable 1500 mm

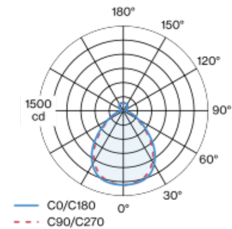
length 1757 mm | width 180 mm | height 34 mm

5.1 kg

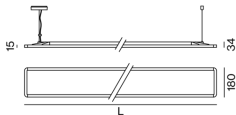
<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

Rectangular luminaire housing with rounded edges in aluminium; extremely flat (only 15mm) and slim (only 180mm) design; modern shape in an elegant design for high demands; surface special colours powder coated; suspended luminaire with 1500mm cable suspension; with integrated toolless suspension height adjustment on the luminaire; incl. feed (white); 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 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; canopy with 2 cable openings and plug-in terminal for through wiring; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; luminaire with integrated infrared presence and brightness sensor (ESSENTIAL sensor); automatic light control for individually adjustable brightness; variable automatic shutdown; cable feed out to contact a push-button (230 VAC) to override the sensor; sound absorbing accessories available; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

### 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	0.98	0.97	0.95	0.93	0.92
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 Factor	

<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

