

TASK S sensor direct / indirect power

suspended
059-5266178K



Project / Type

Notes

Count / Date



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 black powder coated; suspended luminaire with 1500mm cable suspension; with integrated toolless suspension height adjustment on the luminaire; incl. feed (black); 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 ≤ 16 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; light colour 4000 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;



General
Ceiling | Suspended
black | RAL 9005 ¹
IP20
indirect 2460 lm | direct 3020 lm
total 5480 lm

LED
4000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 96 | R_f: 90 | R_{t1-15}: 87
MR 0.75 | MDER 0.68

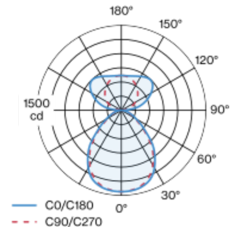
Optical
Microprismatic | microprismatic
UGR ≤ 16 | $\geq 65^\circ$ <3000 cd/m²
PstLM ≤ 1.0 ² | SVM ≤ 0.4 ²

Electrical
stand alone ESSENTIAL sensor
brightness & presence
PC1 | 220-240 V
system 44 W
system 125 lm/W ³

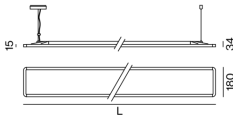
Physical
cable 1500 mm
length 1757 mm | width 180 mm | height 34 mm
5.3 kg

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

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 ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire 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	8
B13	10
B16	13
B20	16
C10	13
C13	17
C16	22
C20	27

