

TASK S sensor direct / indirect TW power

suspended
059-52D5178K

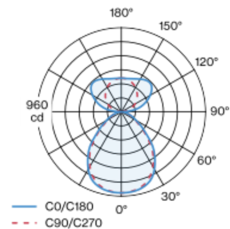


Project / Type
Notes
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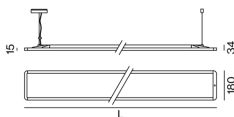


Rectangular luminaire housing with rounded edges in aluminium; extremely flat (only 15mm) and slim (only 180mm) design; modern shape in an elegant design for high demands; surface black powder coated; suspended luminaire with 1500mm cable suspension; with integrated toolless suspension height adjustment 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, separately controllable; 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 $65^\circ \leq 3000 \text{ cd/m}^2$; light colour direct light component: 4000 K; light colour indirect light component: tunable white diodes (2700-6500 K); binning initial MacAdam $\leq 3 \text{ SDCM}$; 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



General

Ceiling , Suspended
black , RAL 9005 ¹
IP20
indirect 1540 lm
direct 1950 lm
total 3490 lm

LED

4000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam $\leq 3 \text{ SDCM}$
R _g : 99 , R _f : 92 , R ₍₁₋₁₅₎ : 90
MR 0.81
MDER 0.74

Optical

Microprismatic
microprismatic
UGR ≤ 16 , $\geq 65^\circ < 3000 \text{ cd/m}^2$
P _{stLM} ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

ESSENTIAL sensor (brightness & presence)
220-240 V
system 27.9 W
system 125 lm/W ³
PC1

Physical

cable 1500 mm
length 1457 mm
width 180 mm
height 34 mm

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

