

TASK S direct / indirect soft

suspended

059-525803XK

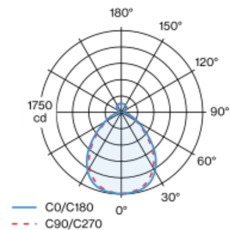


Project / Type
Notes
Count / Date



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 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; $UGR \leq 19$; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 3000 \text{ cd/m}^2$; light colour 3000 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; incl. DALI-2 converter; 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
special colours
IP20
indirect 653 lm
direct 3810 lm
total 4460 lm

LED

3000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam $\leq 3 \text{ SDCM}$
$R_g: 96, R_f: 90, R_{(1-15)}: 90$
MR 0.61
MDER 0.56

Optical

Microprismatic
microprismatic
$UGR < 19, \geq 65^\circ < 3000 \text{ cd/m}^2$
$P_{stLM} \leq 1.0^1$
$SVM \leq 0.4^1$

Electrical

DALI-2
220-240 V
system 39 W
system 114 lm/W ²
PC1
1 DALI Addr.

Physical

cable 1500 mm
length 2315 mm
width 180 mm
height 34 mm
6.5 kg

¹ Value of containing product at full load (undimmed)
² FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: 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	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

^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	7
B13	10
B16	12
B20	14
C10	10
C13	20
C16	24
C20	28

