

TASK sensor direct / indirect power

free standing U-shape
059-29420SXZ



Project / Type _____
Notes _____
Count / Date _____



General

Floor , Standing _____
special colours _____
IP20 _____
indirect 7330 lm _____
direct 2400 lm _____
total 9730 lm _____

LED

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

Optical

Microprismatic _____
microprismatic _____
UGR ≤ 13 , $\geq 65^\circ$ <3000 cd/m² _____
PstLM ≤ 1.0 ¹ _____
SVM ≤ 0.4 ¹ _____

Electrical

Loxone Air incl. ESSENTIAL sensor _____
220-240 V _____
system 80 W _____
system 122 lm/W² _____
PC1 _____

Physical

U-shape _____
length 800 mm _____
width 320 mm _____
height 1920 mm _____

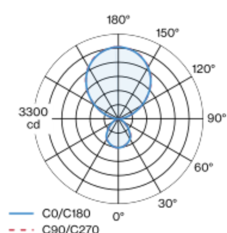
¹ Value of containing product at full load (undimmed)
² incl. consideration of optical losses, internal control unit losses
& operating device efficiency

Installation instructions

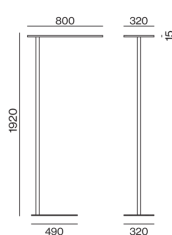


Free standing luminaire with rectangular head with rounded edges in aluminium; extremely flat design (only 15mm); rectangular aluminium tube support; base stand with recess for table stand (U-shape); modern shape in elegant design for discerning requirements; surface special colours powder coated; direct light distribution through LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; indirect light component with special PCBs for increased luminous flux and maximum ceiling illumination; microprismatic PMMA cover; completely homogeneous illumination; UGR ≤ 13 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 3000$ 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; degree of protection IP20; PC1; 220-240 V; incl. Loxone Air module for easy integration into the Loxone home and building automation system; luminaire with integrated infrared presence and brightness sensor (ESSENTIAL sensor); luminaire with integrated miniature push-button; presence sensor detection range $\varnothing 4,5$ m on the floor; incl. connection cable (3m) with safety plug; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



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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

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

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

