

# TASK sensor direct / indirect power

free standing T-shape  
059-29521SXZ



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



## General

Floor , Standing \_\_\_\_\_  
special colours \_\_\_\_\_  
IP20 \_\_\_\_\_  
indirect 7800 lm \_\_\_\_\_  
direct 2550 lm \_\_\_\_\_  
total 10350 lm \_\_\_\_\_

## LED

4000 K \_\_\_\_\_  
CRI  $\geq$  90 \_\_\_\_\_  
L90 / 50000 h \_\_\_\_\_  
initial MacAdam  $\leq$  3 SDCM \_\_\_\_\_  
 $R_g$ : 96 ,  $R_f$ : 90 ,  $R_{f(1-15)}$ : 87 \_\_\_\_\_  
MR 0.75 \_\_\_\_\_  
MDER 0.68 \_\_\_\_\_

## Optical

Microprismatic \_\_\_\_\_  
microprismatic \_\_\_\_\_  
UGR  $\leq$  13 ,  $\geq 65^\circ$  <3000 cd/m<sup>2</sup> \_\_\_\_\_  
PstLM  $\leq$  1.0<sup>1</sup> \_\_\_\_\_  
SVM  $\leq$  0.4<sup>1</sup> \_\_\_\_\_

## Electrical

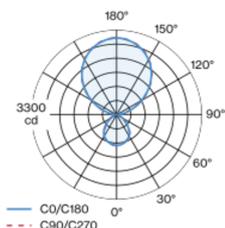
Loxone Air incl. ESSENTIAL sensor \_\_\_\_\_  
220-240 V \_\_\_\_\_  
system 80 W \_\_\_\_\_  
system 129 lm/W<sup>2</sup> \_\_\_\_\_  
PC1 \_\_\_\_\_

## Physical

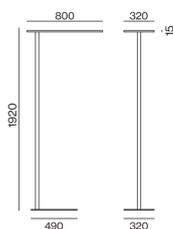
T-shape \_\_\_\_\_  
length 800 mm \_\_\_\_\_  
width 320 mm \_\_\_\_\_  
height 1920 mm \_\_\_\_\_

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 (T-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  $\leq$  13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq$  3000 cd/m<sup>2</sup>; light colour 4000 K; binning initial MacAdam  $\leq$  3 SDCM; CRI  $\geq$  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  $\varnothing$ 4,5m 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



<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

## Installation instructions



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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	8
B13	10
B16	13
B20	16
C10	13
C13	17
C16	22
C20	27