

# TASK sensor direct / indirect soft

free standing U-shape

059-2943077Z



Project / Type

Notes

Count / Date



## General

Floor , Standing

white , RAL 9010 <sup>1</sup>

IP20

indirect 3350 lm

direct 4100 lm

total 7450 lm

## LED

3000 K

CRI  $\geq$  90

L90 / 50000 h

initial MacAdam  $\leq$  3 SDCM

R<sub>g</sub>: 96 , R<sub>f</sub>: 90 , R<sub>(1-15)</sub>: 90

MR 0.61

MDER 0.56

## Optical

Microprismatic

microprismatic

UGR  $\leq$  19

PstLM  $\leq$  1.0 <sup>2</sup>

SVM  $\leq$  0.4 <sup>2</sup>

## Electrical

ESSENTIAL sensor (brightness & presence)

220-240 V

system 71 W

system 105 lm/W<sup>3</sup>

PC1

## Physical

U-shape

length 800 mm

width 320 mm

height 1920 mm

12.2 kg

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

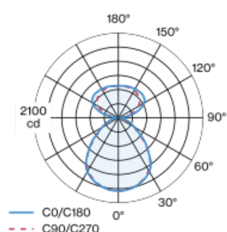
<sup>3</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

## Installation instructions

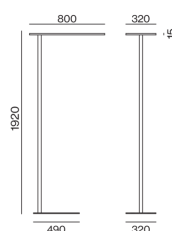


Free standing luminaire with rectangular head with rounded edges in aluminium; extremely flat design (only 15mm); rectangular aluminium tube support; base stand with recess for table stand (U-shape); modern shape in elegant design for discerning requirements; surface white powder coated; direct/indirect light distribution by LGP body (Light Guiding Prism); side coupled light, directed up and down by laser engraving; microprismatic PMMA cover; completely homogeneous illumination; UGR  $\leq$  19; light colour 3000 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; luminaire with integrated infrared presence and brightness sensor (ESSENTIAL sensor); automatic light control for individually adjustable brightness; variable automatic shutdown; including TOUCH DIM control for individual control of the brightness; 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



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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

MF

Maintenance Factor

LMF<sup>a</sup>

Luminaire Maintenance Factor

RSMF<sup>a</sup>

Room Surface Maintenance Factor

LLMF

Lamp Lumens Maintenance Factor

LSF

Lamp Survival Faktor

<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

