

# TASK sensor direct / indirect soft

free standing U-shape  
059-2943178Z



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

Notes \_\_\_\_\_

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



## General

Floor , Standing  
black , RAL 9005 <sup>1</sup>  
IP20  
indirect 3560 lm  
direct 4370 lm  
total 7930 lm

## LED

4000 K  
CRI ≥ 90  
L90 / 50000 h  
initial MacAdam ≤ 3 SDCM  
R<sub>g</sub>: 96 , R<sub>f</sub>: 90 , R<sub>f(1-15)</sub>: 87  
MR 0.75  
MDER 0.68

## Optical

Microprismatic  
microprismatic  
UGR ≤ 19  
P<sub>stLM</sub> ≤ 1.0 <sup>2</sup>  
SVM ≤ 0.4 <sup>2</sup>

## Electrical

ESSENTIAL sensor (brightness & presence)  
220-240 V  
system 71 W  
system 112 lm/W<sup>3</sup>  
PC1

## Physical

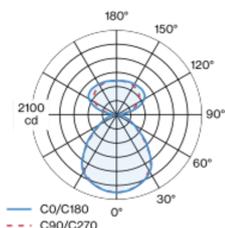
U-shape  
length 800 mm  
width 320 mm  
height 1920 mm  
12.3 kg

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

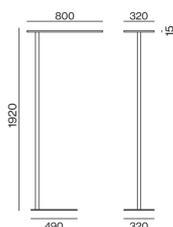
<sup>3</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

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 black 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 ≤ 19; light colour 4000 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; 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 ø4,5m 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



## Installation instructions



# TASK sensor direct / indirect soft

free standing U-shape  
059-2943178Z



Project / Type

Notes

Count / Date

## 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