

# TASK sensor direct / indirect asymmetric power

free standing U-shape  
059-294107XZ



Project / Type

Notes

Count / Date



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 component with special, inclined PCBs for asymmetric radiation characteristic; microprismatic PMMA cover; completely homogeneous illumination;  $UGR \leq 10$ ; 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  $\leq 3 \text{ SDCM}$ ;  $CRI \geq 90$ ; 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  $\varnothing 4,5\text{m}$  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



## General

Floor | Standing

special colours

IP20

indirect 10300 lm | direct 1900 lm

total 12200 lm

## LED

3000 K

$CRI \geq 90$

L90 / 50000 h

initial MacAdam  $\leq 3 \text{ SDCM}$

$R_g: 96 \mid R_f: 90 \mid R_{t1-15}: 89$

MR 0.61 | MDER 0.56

## Optical

Microprismatic | microprismatic

$UGR \leq 10 \mid \geq 65^\circ < 3000 \text{ cd/m}^2$

$P_{stLM} \leq 1.0^1 \mid SVM \leq 0.4^1$

## Electrical

stand alone ESSENTIAL sensor

brightness & presence

PC1 | 220-240 V

system 97 W

system 126 lm/W <sup>2</sup>

## Physical

U-shape

length 800 mm | width 320 mm | height 1920 mm

<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

