

# TASK direct / indirect asymmetric power

free standing U-shape  
059-294115XZ



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

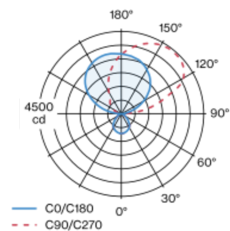
Notes \_\_\_\_\_

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

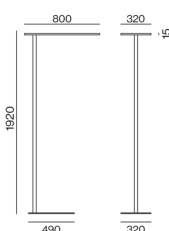


Free standing luminaire with rectangular head with rounded edges in aluminium; extremely flat design (only 15mm); rectangular aluminium tube support; base stand with recess for table stand (U-shape); modern shape in elegant design for discerning requirements; surface special colours powder coated; direct 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;  $UGR \leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 3000 \text{ cd/m}^2$ ; light colour 4000 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; including TOUCH DIM control for individual control of the brightness; 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 11000 lm \_\_\_\_\_

direct 2030 lm \_\_\_\_\_

total 13030 lm \_\_\_\_\_

## LED

4000 K \_\_\_\_\_

$CRI \geq 90$  \_\_\_\_\_

L90 / 50000 h \_\_\_\_\_

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

$R_g: 96, R_f: 90, R_{f(1-15)}: 87$  \_\_\_\_\_

MR 0.75 \_\_\_\_\_

MDER 0.68 \_\_\_\_\_

## Optical

Microprismatic \_\_\_\_\_

microprismatic \_\_\_\_\_

$UGR \leq 13, \geq 65^\circ < 3000 \text{ cd/m}^2$  \_\_\_\_\_

$P_{stLM} \leq 1.0^1$  \_\_\_\_\_

$SVM \leq 0.4^1$  \_\_\_\_\_

## Electrical

touch DIM on pole \_\_\_\_\_

220-240 V \_\_\_\_\_

system 95 W \_\_\_\_\_

system 137 lm/W<sup>2</sup> \_\_\_\_\_

PC1 \_\_\_\_\_

## Physical

U-shape \_\_\_\_\_

length 800 mm \_\_\_\_\_

width 320 mm \_\_\_\_\_

height 1920 mm \_\_\_\_\_

12.7 kg \_\_\_\_\_

<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



# TASK direct / indirect asymmetric power

free standing U-shape  
059-294115XZ



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	5
B13	7
B16	9
B20	11
C10	9
C13	11
C16	15
C20	18

