

# TASK square direct / indirect power

free standing

059-293205XZ



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

Notes \_\_\_\_\_

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



## General

Floor , Standing \_\_\_\_\_  
 special colours \_\_\_\_\_  
 IP20 \_\_\_\_\_  
 indirect 10000 lm \_\_\_\_\_  
 direct 2280 lm \_\_\_\_\_  
 total 12280 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>f(1-15)</sub>: 90 \_\_\_\_\_  
 MR 0.61 \_\_\_\_\_  
 MDER 0.56 \_\_\_\_\_

## Optical

Microprismatic \_\_\_\_\_  
 microprismatic \_\_\_\_\_  
 UGR  $\leq$  10 ,  $\geq 65^\circ$  <1500 cd/m<sup>2</sup> \_\_\_\_\_  
 P<sub>stLM</sub>  $\leq$  1.0<sup>1</sup> \_\_\_\_\_  
 SVM  $\leq$  0.4<sup>1</sup> \_\_\_\_\_

## Electrical

touch DIM on pole \_\_\_\_\_  
 220-240 V \_\_\_\_\_  
 system 92 W \_\_\_\_\_  
 system 133 lm/W<sup>2</sup> \_\_\_\_\_  
 PC1 \_\_\_\_\_

## Physical

H-shape \_\_\_\_\_  
 length 600 mm \_\_\_\_\_  
 width 600 mm \_\_\_\_\_  
 height 2000 mm \_\_\_\_\_  
 20.1 kg \_\_\_\_\_

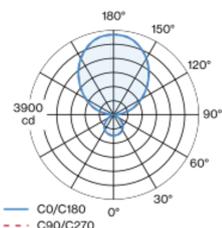
<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## Installation instructions

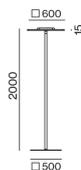


Free standing luminaire with square head with rounded edges in aluminium; extremely flat design (only 15mm); round aluminium tube support; base stand with recess for table stand; modern shape in elegant design for discerning requirements; surface special colours powder coated; direct light distribution 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  $\leq$  10; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq$  1500 cd/m<sup>2</sup>; 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; 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



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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	3
B13	4
B16	5
B20	6
C10	6
C13	9
C16	11
C20	13