

# TASK direct / indirect soft

free standing double  
X059-2963056Z



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

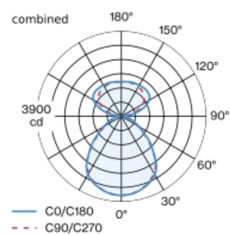
Notes \_\_\_\_\_

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

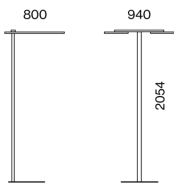


Free standing luminaire with two rectangular luminaire head made of aluminium and rounded edges; luminaire heads arranged parallel; ultra low-profile design (only 15 mm); rectangular downpipe; pedestal with recess for table base (U-shape); surface grey powder coated; direct/indirect light distribution 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; 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 \_\_\_\_\_

grey , RAL 9006 <sup>1</sup> \_\_\_\_\_

IP20 \_\_\_\_\_

indirect 6690 lm \_\_\_\_\_

direct 8210 lm \_\_\_\_\_

total 14900 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>t(1-15)</sub>: 90 \_\_\_\_\_

MR 0.61 \_\_\_\_\_

MDER 0.56 \_\_\_\_\_

## Optical

Microprismatic \_\_\_\_\_

microprismatic \_\_\_\_\_

UGR  $< 19$  \_\_\_\_\_

P<sub>stLM</sub>  $\leq 1.0^2$  <sup>3</sup> \_\_\_\_\_

SVM  $\leq 0.4^2$  <sup>3</sup> \_\_\_\_\_

## Electrical

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

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

system 143 W \_\_\_\_\_

system 104 lm/W<sup>4</sup> \_\_\_\_\_

PC1 \_\_\_\_\_

## Physical

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

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

width 940 mm \_\_\_\_\_

height 2054 mm \_\_\_\_\_

12.1 kg \_\_\_\_\_

<sup>1</sup> RAL code <sup>2</sup> combined

<sup>3</sup> Value of containing product at full load (undimmed)

<sup>4</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





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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 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	4
B13	6
B16	7
B20	9
C10	7
C13	10
C16	12
C20	15