

# TASK direct / indirect power

free standing double

X059-2962056Z



Project / Type	
Notes	
Count / Date	



## General

Floor , Standing	
grey , RAL 9006 <sup>1</sup>	
IP20	
indirect 14700 lm	
direct 4800 lm	
total 19500 lm	

## LED

3000 K	
CRI ≥ 90	
L90 / 50000 h	
initial MacAdam ≤ 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 ≤ 13 , ≥ 65° < 3000 cd/m <sup>2</sup>	
P <sub>stLM</sub> ≤ 1.0 <sup>2 3</sup>	
SVM ≤ 0.4 <sup>2 3</sup>	

## Electrical

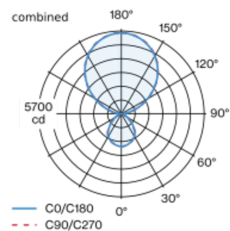
touch DIM on pole	
220-240 V	
system 161 W	
system 121 lm/W <sup>4</sup>	
PC1	

## Physical

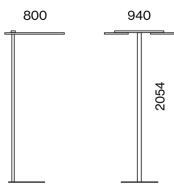
U-shape	
length 800 mm	
width 940 mm	
height 2054 mm	

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 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 ≤ 13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m<sup>2</sup>; light colour 3000 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; 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



<sup>1</sup> RAL code <sup>2</sup> combined  
<sup>3</sup> Value of containing product at full load (undimmed)  
<sup>4</sup> 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 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	4
B13	6
B16	7
B20	9
C10	7
C13	10
C16	12
C20	15

