

TASK direct / indirect power

free standing U-shape

059-2942158Z

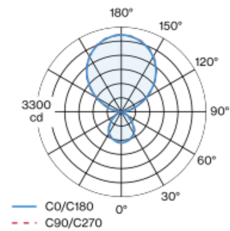


Project / Type	
Notes	
Count / Date	

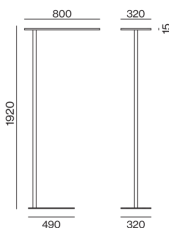


Free standing luminaire with rectangular head with rounded edges in aluminium; extremely flat design (only 15mm); rectangular aluminium tube support; base stand with recess for table stand (U-shape); modern shape in elegant design for discerning requirements; surface black powder coated; direct light 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; $UGR \leq 13$; 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	
black , RAL 9005 ¹	
IP20	
indirect 7800 lm	
direct 2550 lm	
total 10350 lm	

LED

4000 K	
$CRI \geq 90$	
L90 / 50000 h	
initial MacAdam $\leq 3 \text{ SDCM}$	
$R_g: 96 , R_f: 90 , R_{(1-15)}: 87$	
MR 0.75	
MDER 0.68	

Optical

Microprismatic	
microprismatic	
$UGR \leq 13 , \geq 65^\circ < 3000 \text{ cd/m}^2$	
$P_{stLM} \leq 1.0^2$	
$SVM \leq 0.4^2$	

Electrical

touch DIM on pole	
220-240 V	
system 80 W	
system 129 lm/W ³	
PC1	

Physical

U-shape	
length 800 mm	
width 320 mm	
height 1920 mm	
12.3 kg	

¹ RAL code ² Value of containing product at full load (undimmed)
³ 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 ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire Maintenance Factor		LSF	Lamp Survival Factor	

^a 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	8
B13	10
B16	13
B20	16
C10	13
C13	17
C16	22
C20	27

