

TASK direct / indirect asymmetric power

free standing double
X059-2961156Z

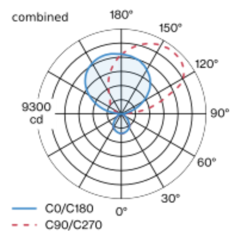


Project / Type	
Notes	
Count / Date	

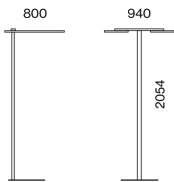


Free standing luminaire with two rectangular luminaire head made of aluminium and rounded edges; luminaire heads arranged parallel; ultra low-profile design (only 15 mm); rectangular downpipe; pedestal with recess for table base (U-shape); surface grey powder coated; direct light distribution through 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 ≥ 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 ¹	
IP20	
indirect 21900 lm	
direct 4050 lm	
total 25950 lm	

LED

4000 K	
CRI ≥ 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 ≤ 13 , $\geq 65^\circ < 3000 \text{ cd/m}^2$	
PstLM $\leq 1.0^2 \text{ }^3$	
SVM $\leq 0.4^2 \text{ }^3$	

Electrical

touch DIM on pole	
220-240 V	
system 190 W	
system 137 lm/W ⁴	
PC1	

Physical

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

¹ RAL code ² combined
³ Value of containing product at full load (undimmed)
⁴ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



TASK direct / indirect asymmetric power

free standing double
X059-2961156Z



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 ^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	2
B13	3
B16	4
B20	5
C10	4
C13	5
C16	7
C20	9

