

TASK direct / indirect power

free standing double

X059-2962156Z



Project / Type	
Notes	
Count / Date	



General

Floor , Standing	
grey , RAL 9006 ¹	
IP20	
indirect 15600 lm	
direct 5110 lm	
total 20710 lm	

LED

4000 K	
CRI ≥ 90	
L90 / 50000 h	
initial MacAdam ≤ 3 SDCM	
R _g : 96 , R _f : 90 , R ₍₁₋₁₅₎ : 87	
MR 0.75	
MDER 0.68	

Optical

Microprismatic	
microprismatic	
UGR ≤ 13 , ≥65° <3000 cd/m ²	
P _{stLM} ≤ 1.0 ^{2 3}	
SVM ≤ 0.4 ^{2 3}	

Electrical

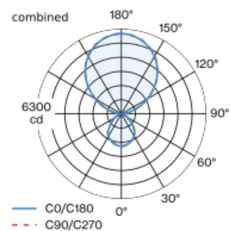
touch DIM on pole	
220-240 V	
system 161 W	
system 129 lm/W ⁴	
PC1	

Physical

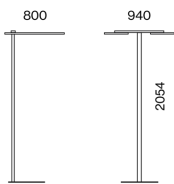
U-shape	
length 800 mm	
width 940 mm	
height 2054 mm	

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/m²; light colour 4000 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



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



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

