

TASK direct / indirect asymmetric power

free standing double

X059-2961057Z



Project / Type _____

Notes _____

Count / Date _____



General

Floor , Standing
 white , RAL 9010 ¹
 IP20
 indirect 20600 lm
 direct 3810 lm
 total 24410 lm

LED

3000 K
 CRI ≥ 90
 L90 / 50000 h
 initial MacAdam ≤ 3 SDCM
 R_g: 96 , R_f: 90 , R_{f(1-15)}: 90
 MR 0.61
 MDER 0.56

Optical

Microprismatic
 microprismatic
 UGR ≤ 10 , ≥65° <3000 cd/m²
 P_{stLM} ≤ 1.0^{2 3}
 SVM ≤ 0.4^{2 3}

Electrical

touch DIM on pole
 220-240 V
 system 195 W
 system 125 lm/W⁴
 PC1

Physical

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

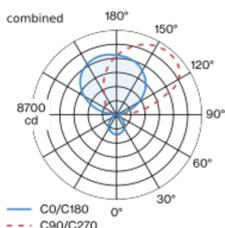
¹ RAL code ² combined

³ Value of containing product at full load (undimmed)

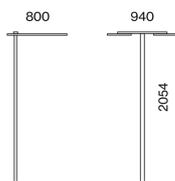
⁴ incl. consideration of optical losses, internal control unit losses & operating device efficiency

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 white 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 ≤ 10; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; 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



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