

TASK sensor direct / indirect power

free standing double long
X059-2902077Z



Project / Type _____

Notes _____

Count / Date _____

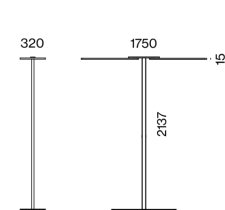


Free standing luminaire with two rectangular luminaire head made of aluminium and rounded edges; luminaire heads arranged linear; ultra low-profile design (only 15 mm); rectangular downpipe; pedestal with recess for table base (H-shape); surface white powder coated; direct light distribution through 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 $65^\circ \leq 3000 \text{ cd/m}^2$; light colour 3000 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; luminaire with integrated infrared presence and brightness sensor (ESSENTIAL sensor); automatic light control for individually adjustable brightness; variable automatic shutdown; including TOUCH DIM control for individual control of the brightness; presence sensor detection range $\varnothing 4,5\text{m}$ on the floor; 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 _____

white , RAL 9010 ¹ _____

IP20 _____

indirect 14700 lm _____

direct 4800 lm _____

total 19500 lm _____

LED

3000 K _____

CRI ≥ 90 _____

L90 / 50000 h _____

initial MacAdam $\leq 3 \text{ SDCM}$ _____

R_g: 96 , R_f: 90 , R_{t(1-15)}: 90 _____

MR 0.61 _____

MDER 0.56 _____

Optical

Microprismatic _____

microprismatic _____

UGR < 13 , $\geq 65^\circ < 3000 \text{ cd/m}^2$ _____

P_{stLM} $\leq 1.0^{2,3}$ _____

SVM $\leq 0.4^{2,3}$ _____

Electrical

ESSENTIAL sensor (brightness & presence) _____

220-240 V _____

system 161 W _____

system 121 lm/W⁴ _____

PC1 _____

Physical

H-shape _____

length 1750 mm _____

width 320 mm _____

height 2137 mm _____

12.4 kg _____

¹ RAL code ² combined

³ Value of containing product at full load (undimmed)

⁴ FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: 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

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens Maintenance Factor

LSF

Lamp Survival Faktor

^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

