

TASK square direct / indirect power

free standing
059-293205XZ



Project / Type _____

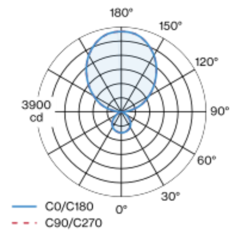
Notes _____

Count / Date _____

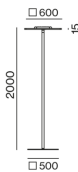


Free standing luminaire with square head with rounded edges in aluminium; extremely flat design (only 15mm); round aluminium tube support; base stand with recess for table stand; modern shape in elegant design for discerning requirements; surface special colours powder coated; direct light distribution 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 ≤ 10 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 1500 \text{ cd/m}^2$; 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; 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 _____

special colours _____

IP20 _____

indirect 10000 lm _____

direct 2280 lm _____

total 12280 lm _____

LED

3000 K _____

CRI ≥ 90 _____

L90 / 50000 h _____

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

R_g: 96 , R_f: 90 , R₍₁₋₁₅₎: 90 _____

MR 0.61 _____

MDER 0.56 _____

Optical

Microprismatic _____

microprismatic _____

UGR < 10 , $\geq 65^\circ < 1500 \text{ cd/m}^2$ _____

PstLM $\leq 1.0^1$ _____

SVM $\leq 0.4^1$ _____

Electrical

touch DIM on pole _____

220-240 V _____

system 92 W _____

system 133 lm/W² _____

PC1 _____

Physical

H-shape _____

length 600 mm _____

width 600 mm _____

height 2000 mm _____

20.2 kg _____

¹ Value of containing product at full load (undimmed)

² 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 | | RSMF ^a | Room Surface Maintenance Factor | |
| MF | Maintenance Factor | | LLMF | Lamp Lumens Maintenance Factor | |
| LMF ^a | Luminaire 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 | 3 |
| B13 | 4 |
| B16 | 5 |
| B20 | 6 |
| C10 | 6 |
| C13 | 9 |
| C16 | 11 |
| C20 | 13 |

