

TASK direct / indirect power

free standing double long

X059-2902157Z

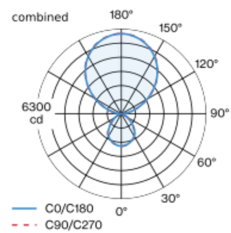


| | |
|----------------|--|
| Project / Type | |
| Notes | |
| Count / Date | |

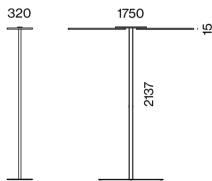


Free standing luminaire with two rectangular luminaire head made of aluminium and rounded edges; luminaire heads arranged linear; ultra low-profile design (only 15 mm); rectangular downpipe; pedestal with recess for table base (H-shape); surface white powder coated; direct light distribution through 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 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 | |
| white , RAL 9010 ¹ | |
| IP20 | |
| indirect 15600 lm | |
| direct 5110 lm | |
| total 20710 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 , $\geq 65^\circ < 3000 \text{ cd/m}^2$ | |
| P _{stLM} $\leq 1.0^{2,3}$ | |
| SVM $\leq 0.4^{2,3}$ | |

Electrical

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

Physical

| | |
|----------------|--|
| H-shape | |
| length 1750 mm | |
| width 320 mm | |
| height 2137 mm | |
| 28.2 kg | |

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 |

