

TASK direct / indirect power

free standing U-shape

059-29420T7Z

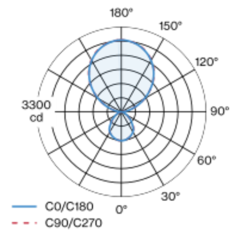


| | |
|----------------|--|
| Project / Type | |
| Notes | |
| Count / Date | |

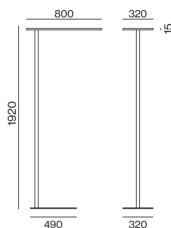


Free standing luminaire with rectangular head with rounded edges in aluminium; extremely flat design (only 15mm); rectangular aluminium tube support; base stand with recess for table stand (U-shape); modern shape in elegant design for discerning requirements; surface white powder coated; direct light 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; $UGR \leq 13$; 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 $\leq 3 \text{ SDCM}$; $CRI \geq 90$; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; incl. Loxone Air module for easy integration into the Loxone home and building automation system; including TOUCH DIM miniature push-button; 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 7330 lm direct 2400 lm | |
| total 9730 lm | |

LED

| | |
|---|--|
| 3000 K | |
| $CRI \geq 90$ | |
| L90 / 50000 h | |
| initial MacAdam $\leq 3 \text{ SDCM}$ | |
| $R_g: 96$ $R_f: 90$ $R_{t(1-15)}: 89$ | |
| MR 0.61 MDER 0.56 | |

Optical

| | |
|--|--|
| Microprismatic microprismatic | |
| $UGR \leq 13$ $\geq 65^\circ < 3000 \text{ cd/m}^2$ | |
| $P_{stLM} \leq 1.0$ ² $SVM \leq 0.4$ ² | |

Electrical

| | |
|--------------------------------|--|
| Loxone Air / touch DIM on pole | |
| PC1 220-240 V | |
| system 80 W | |
| system 122 lm/W ³ | |

Physical

| | |
|---|--|
| U-shape | |
| length 800 mm width 320 mm height 1920 mm | |

¹ RAL code ² Value of containing product at full load (undimmed)
³ 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 | 8 |
| B13 | 10 |
| B16 | 13 |
| B20 | 16 |
| C10 | 13 |
| C13 | 17 |
| C16 | 22 |
| C20 | 27 |

