

# TASK direct / indirect power

free standing T-shape  
059-29521T6Z



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

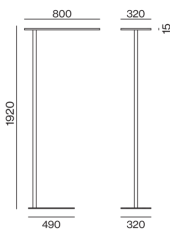


Free standing luminaire with rectangular head with rounded edges in aluminium; extremely flat design (only 15mm); rectangular aluminium tube support; base stand with recess for table stand (T-shape); modern shape in elegant design for discerning requirements; surface grey powder coated; direct light 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 4000 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             |
| grey , RAL 9006 <sup>1</sup> |
| IP20                         |
| indirect 7800 lm             |
| direct 2550 lm               |
| total 10350 lm               |

## LED

|                                       |
|---------------------------------------|
| 4000 K                                |
| $CRI \geq 90$                         |
| 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                                     |
| $UGR \leq 13, \geq 65^\circ < 3000 \text{ cd/m}^2$ |
| $P_{stLM} \leq 1.0^2$                              |
| $SVM \leq 0.4^2$                                   |

## Electrical

|                                    |
|------------------------------------|
| Loxone Air incl. touch DIM on pole |
| 220-240 V                          |
| system 80 W                        |
| system 129 lm/W <sup>3</sup>       |
| PC1                                |

## Physical

|                |
|----------------|
| T-shape        |
| length 800 mm  |
| width 320 mm   |
| height 1920 mm |
| 13.1 kg        |

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> 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 <sup>a</sup> | Room Surface Maintenance Factor |        |
| MF                 | Maintenance Factor           |        | LLMF              | Lamp Lumens Maintenance Factor  |        |
| LMF <sup>a</sup>   | Luminaire Maintenance Factor |        | LSF               | Lamp Survival Faktor            |        |

<sup>a</sup> 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                 |

