



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



|                              |
|------------------------------|
| <b>General</b>               |
| Showcase , Standing          |
| rotation 360°                |
| black , RAL9021 <sup>1</sup> |
| 1370 lm/m                    |
| IP20                         |
| Interior                     |
| 511 lm                       |

|  |
|--|
| <b>LED</b>   |
| 4000 K   |
| CRI ≥ 97   |
| L85 / 50000 h  |
| photobio. safety RG 1 - low Risk                                       |
| initial MacAdam ≤ 3 SDCM   |
| R <sub>g</sub> : 100 , R <sub>f</sub> : 96 , R <sub>f(1-15)</sub> : 98 |
| MR 0.86  |
| MDER 0.78  |

|                |
|----------------|
| <b>Optical</b> |
| asymmetric     |

|                            |
|----------------------------|
| <b>Electrical</b>          |
| excl. driver               |
| 24 V                       |
| system 7.3 W               |
| PC3 24V                    |
| inset 92 lm/W <sup>2</sup> |
| 20 W/m                     |
| 24 V                       |

|                 |
|-----------------|
| <b>Physical</b> |
| length 400 mm   |
| width 9 mm      |
| height 9 mm     |

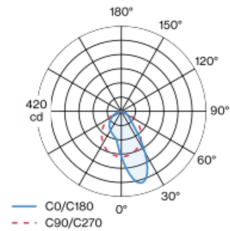
<sup>1</sup> RAL code <sup>2</sup> incl. optical losses

Installation instructions



Miniature rectangular lamp made of aluminium; angular design; surface lacquered in black; plug and play electrical connector system for toolless mounting; different mechanical and electrical poles available - for flexible system design (available as an accessory); specially computed foil for asymmetrical light distribution; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 97; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; light inset rotatable; degree of protection IP20; PC3 24V; photobiological safety according to IEC 62471 risk group RG 1 - low Risk; accessories are listed separately; light source replaceable by an authorized professional;

Light distribution



Product drawing





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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF               | 0.979  | 0.955  | 0.931  | 0.908  | 0.885  |
| LSF                | 1      | 1      | 1      | 1      | 1      |

MF

MF

LMF<sup>a</sup>

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF<sup>a</sup>

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

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.

Mounting accessories

MOUNTING POLE T

| TYPE                          | COLOUR          | ARTICLE NUMBER(S) |
|-------------------------------|-----------------|-------------------|
| mechanical / electrical   180 | white aluminium | 011-9122126       |
| mechanical / electrical   180 | black           | 011-9122128       |
| mechanical / electrical   200 | white aluminium | 011-9122226       |
| mechanical / electrical   200 | black           | 011-9122228       |
| mechanical / electrical   300 | white aluminium | 011-9122326       |
| mechanical / electrical   300 | black           | 011-9122328       |

