



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

Notes \_\_\_\_\_

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



**General**

Showcase , Standing \_\_\_\_\_

rotation 360° \_\_\_\_\_

black , RAL9021 <sup>1</sup> \_\_\_\_\_

1200 lm/m \_\_\_\_\_

IP20 \_\_\_\_\_

Interior \_\_\_\_\_

1170 lm \_\_\_\_\_

**LED**

3000 K \_\_\_\_\_

CRI ≥ 97 \_\_\_\_\_

L85 / 50000 h \_\_\_\_\_

photobio. safety RG 1 - low Risk \_\_\_\_\_

initial MacAdam ≤ 3 SDCM \_\_\_\_\_

R<sub>g</sub>: 99 , R<sub>f</sub>: 96 , R<sub>f(1-15)</sub>: 97 \_\_\_\_\_

MR 0.68 \_\_\_\_\_

MDER 0.61 \_\_\_\_\_

**Optical**

asymmetric \_\_\_\_\_

**Electrical**

excl. driver \_\_\_\_\_

24 V \_\_\_\_\_

system 18.2 W \_\_\_\_\_

PC3 24V \_\_\_\_\_

inset 84 lm/W<sup>2</sup> \_\_\_\_\_

19 W/m \_\_\_\_\_

24 V \_\_\_\_\_

**Physical**

length 1000 mm \_\_\_\_\_

width 9 mm \_\_\_\_\_

height 9 mm \_\_\_\_\_

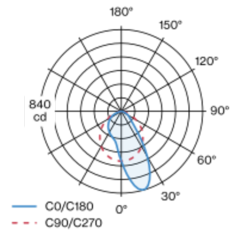
<sup>1</sup> RAL code <sup>2</sup> incl. optical losses

**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 3000 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

LMF × RSMF × LLMF × LSF

MF

Maintenance Factor

LMF<sup>a</sup>

Luminaire Maintenance Factor

RSMF<sup>a</sup>

Room Surface Maintenance Factor

LLMF

Lamp Lumens 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.

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

