



Project / Type

Notes

Count / Date



General

Showcase , Standing

rotation 360°

black , RAL9021 ¹

IP20

Interior

422 lm

LED

4000 K

CRI ≥ 95

L80 / 50000 h

photobio. safety RG 1 - low Risk

initial MacAdam ≤ 3 SDCM

R_g: 99 , R_r: 92 , R₍₁₋₁₅₎: 89

MR 0.76

MDER 0.69

Optical

asymmetric

Electrical

excl. driver

24 V

system 8.1 W

PC3 24V

inset 78 lm/W²

23 W/m

24 V

Physical

length 400 mm

width 9 mm

height 9 mm

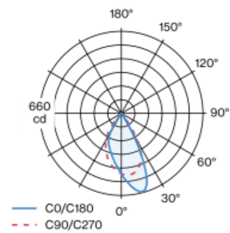
¹ RAL code ² incl. optical losses

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); fitted with LED light points; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 95; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; asymmetric radiation characteristic; 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	0.954	0.915	0.879	0.844	0.81
LSF	1	1	1	1	1

MF

LMF × RSMF × LLMF × LSF

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens Maintenance Factor

LSF

Lamp Survival Faktor

^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.

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

