



Project / Type

Notes

Count / Date



Miniature linear light inset made of aluminium; tubular design; surface lacquered in black; optionally for recessed or surface mounting (available as an accessory); plug and play electrical connector system for toolless mounting; different connectors for mechanical and electrical connection available - for flexible system design (available as an accessory); fitted with LED light points; light colour 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 95$ ; min. 80% 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;

Product drawing



General

Showcase , Recessed

black , RAL9021<sup>1</sup>

IP20

Interior

LED

3000 K

CRI  $\geq 95$

photobio. safety RG 1 - low Risk

initial MacAdam  $\leq 3$  SDCM

R<sub>g</sub>: 102 , R<sub>f</sub>: 94 , R<sub>f(1-15)</sub>: 95

MR 0.61

MDER 0.55

Optical

spot

Electrical

excl. driver

24 V

PC3 24V

24 V

Physical

length 1000 mm

width 9 mm

height 9 mm

<sup>1</sup> RAL code

Installation instructions





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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

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.