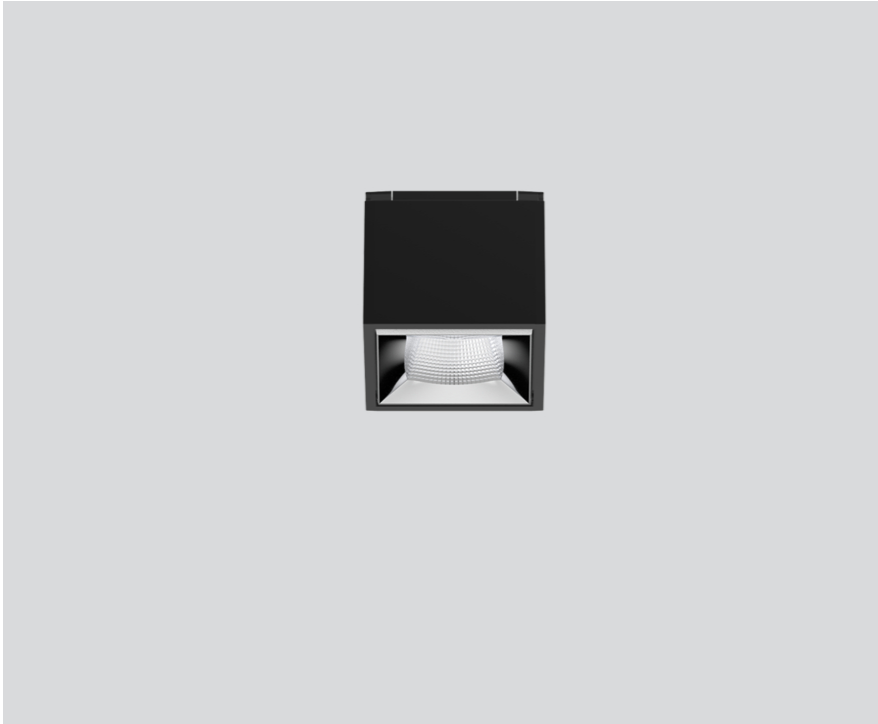




Project / Type

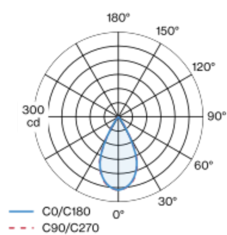
Notes

Count / Date



Linear light inset made of aluminium; surface anodised black; light inset can be installed and moved without tools by means of magnetic holders+locking; flush with profile system; power supplied via MOVE IT system track profile; hot plug protection; equipped with a flood square light element; symmetrical light distribution with precise radiation characteristic, beam angle 52°; high quality reflector with micro-faceted, aluminum-vaporised surface;  $UGR \leq 16$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 1500 \text{ cd/m}^2$ ; passive cooling of the LEDs through improved heat sink geometry; light colour: tunable white diodes (2700-5000 K); binning initial MacAdam  $\leq 3 \text{ SDCM}$ ; CRI  $\geq 80$ ; min. 80% of luminous flux after 50000 operating hours; energy-efficient high power LEDs with very good colour rendering; degree of protection IP20; PC3; 48 V; DALI single control; flicker-free visual comfort through analogue current control (minimum value 1%); light source not replaceable;

## Light distribution



## Product drawing



## General

Ceiling | Track

black | RAL 9005<sup>1</sup>

chrome

IP20

186 lm

optical inset 87 lm/W<sup>2</sup>

## LED

tunable white | 2700 K - 5000 K

CRI  $\geq 80$ 

L80 / 50000 h

initial MacAdam  $\leq 3 \text{ SDCM}$ 

MR 0.55 | MDER 0.5

## Optical

flood square | beam angle 52°

 $UGR \leq 16$  |  $\geq 65^\circ < 1500 \text{ cd/m}^2$  $P_{stLM} \leq 1.0$ <sup>3</sup> |  $SVM \leq 0.4$ <sup>3</sup>

## Electrical

DALI-2 DT8 | 1 DALI Addr.

PC3 | 48 V

fixture 2.5 W

optical inset 2.1 W

## Physical

length 43 mm | width 43 mm | height 48 mm

0.1 kg

<sup>1</sup> RAL code<sup>2</sup> incl. consideration of optical losses<sup>3</sup> Value of containing product at full load (undimmed)

## Installation instructions



## Lighting calculator





Project / Type

Notes

Count / Date

Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.93	0.89	0.85	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 Factor

<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.