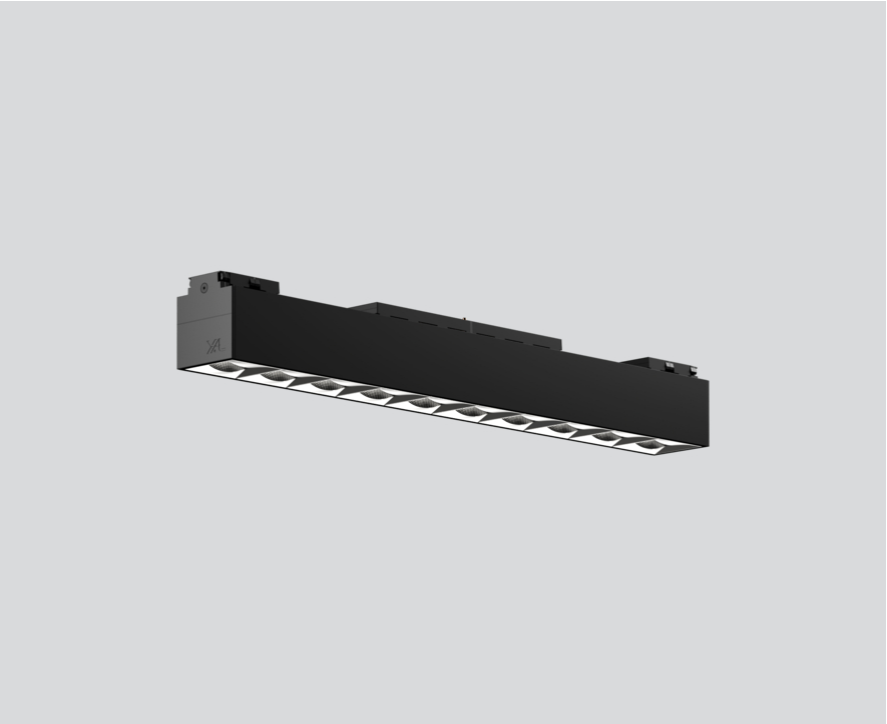




Project / Type _____

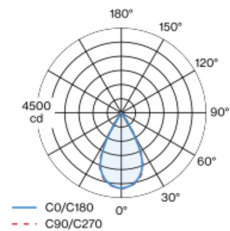
Notes _____

Count / Date _____

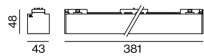


Linear light inset made of aluminium; surface anodised black; light inset can be installed and moved without tools by means of magnetic holders+locking; flush with profile system; power supplied via MOVE IT system track profile; hot plug protection; equipped with ten specially computed OFFICE light elements; high quality reflector with micro-faceted, aluminum-vaporised surface; Reflector chrome; precise radiation characteristic with symmetrical light distribution; $UGR \leq 16$; 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 4000 K; binning initial MacAdam $\leq 3 \text{ SDCM}$; CRI ≥ 90 ; min. 85% 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 ¹ _____

Reflector chrome _____

IP20 _____

3110 lm _____

optical inset 122 lm/W² _____

LED

4000 K _____

CRI ≥ 90 _____

L85 / 50000 h _____

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

R_g: 94 , R_f: 87 , R_(f-15): 86 _____

MR 0.8 _____

MDER 0.72 _____

Optical

symmetric _____

beam angle 55° _____

$UGR < 16$, $\geq 65^\circ < 1500 \text{ cd/m}^2$ _____

PstLM ≤ 1.0 ³ _____

SVM ≤ 0.4 ³ _____

Electrical

DALI-2 _____

48 V _____

fixture 30 W _____

fixture 104 lm/W⁴ _____

optical inset 25.5 W _____

PC3 _____

1 DALI Addr. _____

Physical

length 381 mm _____

width 43 mm _____

height 48 mm _____

0.45 kg _____

¹ RAL code

² OPTICAL INSET: incl. consideration of optical losses

³ Value of containing product at full load (undimmed)

⁴ FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

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	0.94	0.91	0.88	0.85
LSF	1	1	1	1	1

MF

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

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.