

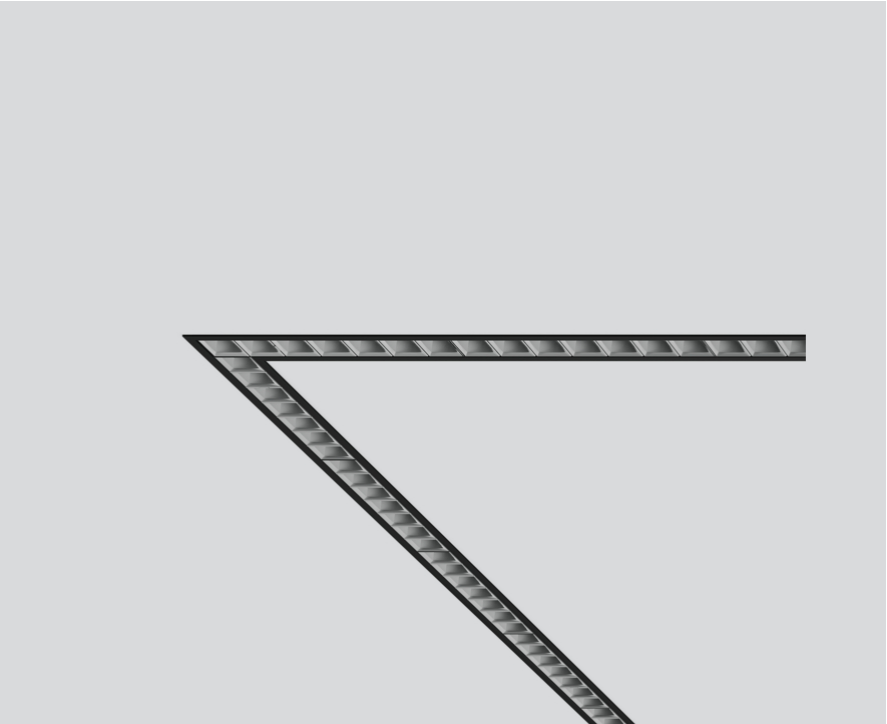
FRAME 40 reflector

trim system

042-0116037B 042-7006018



Project / Type	
Notes	
Count / Date	



Luminaire housing made of extruded aluminium profile; recessed light with wrap around edge; for continuous lighting systems; suitable for ceiling thickness of 8-25 mm; surface black powder coated; luminaire profile can be pre-mounted; pre-assembled power rail for power supply in luminaire profile; voltage tap of the light inset on the power rail; remaining lamp components mounted without tools; LED light inset incl. high gloss reflector with faceted design; Reflector dark chrome; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; UGR ≤ 16 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 1500 \text{ cd/m}^2$; degree of protection IP20; PC1 220-240V; internal wiring in light halogen free; incl. DALI-2 converter; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



General

Ceiling , Suspended
black , RAL 9005 ¹
Reflector dark chrome
2190 lm/m
IP20
6560 lm

LED

3000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R _g : 99 , R _f : 91 , R ₍₁₋₁₅₎ : 89
MR 0.61
MDER 0.55

Optical

Reflector
Symmetric
UGR < 16 , $\geq 65^\circ < 1500 \text{ cd/m}^2$
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

DALI-2
system 67 W
PC1 220-240V
system 98 lm/W ³
1 DALI Addr.
22 W/m

Physical

length 3000 mm
width 55 mm
height 60 mm

Cutout

length 3010 mm
width 45 mm
min. ceiling thickness 8 mm
max. ceiling thickness 25 mm
recessed depth 100 mm

¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. optical losses and the efficiency of the operating device (converter)

Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.92	0.9
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire 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.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	13
B13	17
B16	21
B20	27
C10	21
C13	28
C16	35
C20	45

Components

INSTALLATION CHANNEL

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
3000 mm	jet black	3000-55-60	042-7006018



Mounting accessories

END CAPS

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
1 pair	traffic white	55-60-8	042-7090017
1 pair	white aluminium	55-60-8	042-709001G
1 pair	jet black	55-60-8	042-7090018



Mounting accessories

LINEAR CONNECTOR

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
mechanical	jet black	120-36-14	042-7091110
mechanical & electrical	jet black	120-36-14	042-7091230



OPAL COVER LINEAR CONNECTOR

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
pure white	120-36-14	042-1091910



MICROPRISMATIC COVER LINEAR CONNECTOR

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
pure white	120-36-14	042-1091810



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Mounting accessories

MOUNTING BRACKET

TYPE	ARTICLE NUMBER(S)
1 piece	042-7092110
25 pieces	042-7092110.25



Electrical accessories

POWER FEEDER UNIT

L-W-H (MM)	ARTICLE NUMBER(S)
80-36-17	042-1093230



Optical accessories

BLIND COVER

TYPE	COLOUR	ARTICLE NUMBER(S)
1000 mm	traffic white	006-4210017B
1000 mm	jet black	006-4210018B
1000 mm	white aluminium	006-421001GB
2000 mm	traffic white	006-4220017B
2000 mm	jet black	006-4220018B
2000 mm	white aluminium	006-422001GB
3000 mm	traffic white	006-4230017B
3000 mm	jet black	006-4230018B
3000 mm	white aluminium	006-423001GB



CONTINUOUS LINEAR COVER

TYPE	ARTICLE NUMBER(S)
25000 mm	006-2225010H
6000 mm	006-2206010H

