

FRAME 40 reflector

trim system

042-0116037B 042-7006017



Project / Type

Notes

Count / Date



General

Ceiling , Suspended
traffic white , RAL 9016 ¹
Reflector dark chrome
IP20
6560 lm
2190 lm/m

LED

3000 K
CRI \geq 90
L90 / 50000 h
initial MacAdam \leq 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° <1500 cd/m²
P_{st}LM \leq 1.0 ²
SVM \leq 0.4 ²

Electrical

DALI-2
220-240 V
system 67 W
system 98 lm/W³
PC1
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

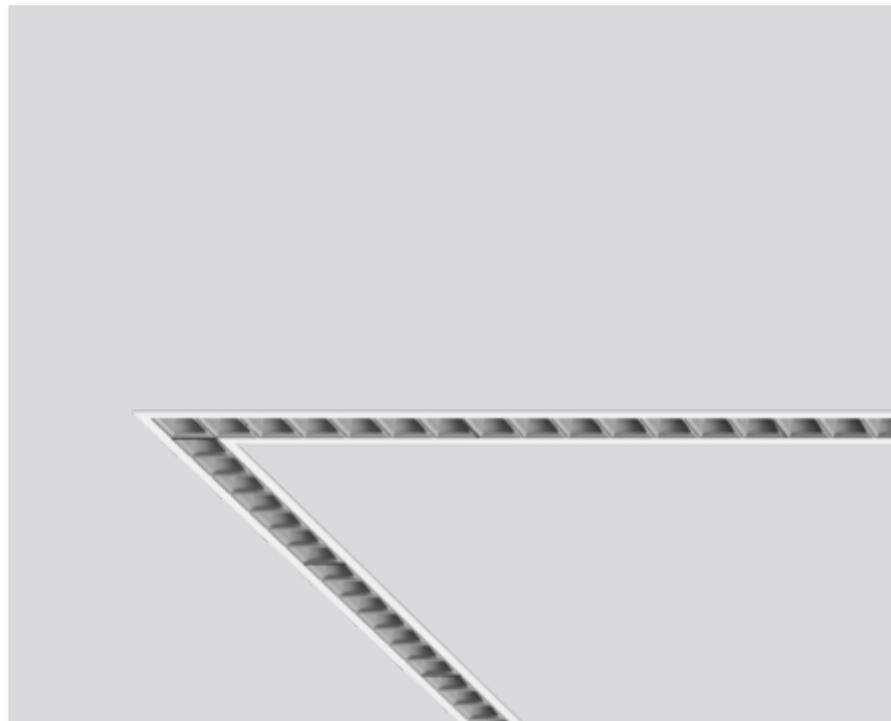
¹ RAL code ² Value of containing product at full load (undimmed)

³ 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

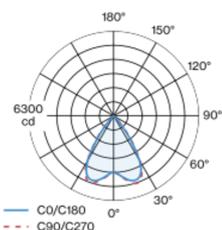


Lighting calculator

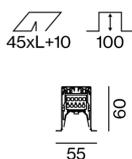


Luminaire housing made of extruded aluminium profile; recessed light with wrap around edge; for continuous lighting systems; suitable for ceiling thickness of 8-25 mm; surface traffic white powder coated; luminaire profile can be pre-mounted; pre-assembled power rail for power supply in luminaire profile; 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 \leq 3 SDCM; CRI \geq 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; UGR \leq 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° \leq 1500 cd/m²; degree of protection IP20; PC1; 220-240 V; 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



Product drawing



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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

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
traffic white	3000-55-60	042-7006017



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



[042-0116037B 042-7006017] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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Mounting accessories

MOUNTING BRACKET

TYPE

1 piece
25 pieces

ARTICLE NUMBER(S)

042-7092110
042-7092110.25



Electrical accessories

POWER FEEDER UNIT

L-W-H (MM)
80-36-17

ARTICLE NUMBER(S)

042-1093230



Optical accessories

BLIND COVER

TYPE

1000 mm
1000 mm
1000 mm
2000 mm
2000 mm
2000 mm
3000 mm
3000 mm
3000 mm

COLOUR

traffic white
jet black
white aluminium
traffic white
jet black
white aluminium
traffic white
jet black
white aluminium

ARTICLE NUMBER(S)

006-4210017B
006-4210018B
006-421001GB
006-4220017B
006-4220018B
006-422001GB
006-4230017B
006-4230018B
006-423001GB



CONTINUOUS LINEAR COVER

TYPE

25000 mm
6000 mm

ARTICLE NUMBER(S)

006-2225010H
006-2206010H

