

FRAME 40 flex high lumen

trim system

042-702G037 006-4220010H



Project / Type

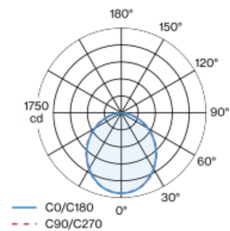
Notes

Count / Date

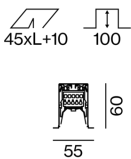


Luminaire housing made of extruded aluminium profile; recessed light with wrap around edge; for continuous lighting systems; suitable for ceiling thickness of 8-25 mm; surface white powder coated; luminaire profile can be pre-mounted; pre-assembled power rail for power supply in luminaire profile; voltage tap of the light inset on the power rail; remaining lamp components mounted without tools; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; HPO (High Performance Opal) cover for uniform illumination; degree of protection IP20; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; 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



General

Ceiling | Recessed

white | RAL9016 ¹

2200 lm/m

IP20

4390 lm

LED

3000 K

CRI ≥ 90

L85 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

R_g: 99 | R_f: 91 | R₍₁₋₁₅₎: 89

MR 0.5 | MDER 0.55

Optical

High Performance Opal

Electrical

DALI-2

42 W

PC1 220-240V

105 lm/W ²

21 W/m

Physical

length 2000 mm | width 55 mm | height 60 mm

5.5 kg

Cutout

length 510 mm | width 45 mm

min. ceiling thickness 8 mm | max. ceiling thickness 25 mm

recessed depth 100 mm

¹ RAL code
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

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	0.91	0.89
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 Factor	

^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	7
B13	10
B16	12
B20	14
C10	10
C13	20
C16	24
C20	28

Mounting accessories

END CAPS recessed trim

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



Mounting accessories

CHANNEL + BLIND COVER

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
1000 mm	traffic white	1000-55-60	042-7094217
1000 mm	white aluminium	1000-55-60	042-709421G
2000 mm	traffic white	2000-55-60	042-7094417
2000 mm	white aluminium	2000-55-60	042-709441G
3000 mm	traffic white	3000-55-60	042-7094617
3000 mm	white aluminium	3000-55-60	042-709461G
corner	traffic white	500-500-60	042-7094C17
corner	white aluminium	500-500-60	042-7094C1G



Mounting accessories

LINEAR CONNECTOR

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
mechanical	jet black	120-36-14	042-7091110
mechanical & electrical	pure white	120-36-14	042-7091210



OPAL COVER LINEAR CONNECTOR

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



[042-702G037 006-4220010H] 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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01.06.2025

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MOUNTING BRACKET recessed trim

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

