

FRAME 40 mid lumen

trim system

042-0116037 006-4230010H 042-700601G



Project / Type

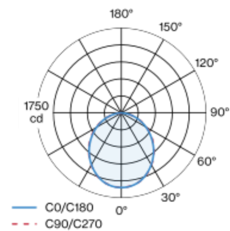
Notes

Count / Date

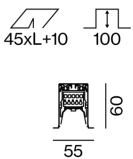


Luminaire housing made of extruded aluminium profile; recessed light with wrap around edge; for continuous lighting systems; suitable for ceiling thickness of 8-25 mm; surface grey powder coated; luminaire profile can be pre-mounted; pre-assembled power rail for power supply in luminaire profile; voltage 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. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; 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



General

Ceiling | Recessed

grey | RAL 9006 ¹

IP20

4080 lm

1360 lm/m

LED

3000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 99 | R_f: 91 | R_{f(1-15)}: 89

MR 0.61 | MDER 0.55

Optical

High Performance Opal | opal (lambertsch)

PstLM ≤ 1.0 ² | SVM ≤ 0.4 ²

Electrical

DALI-2

PC1 | 220-240 V

system 34 W

system 120 lm/W ³

11 W/m

Physical

trim

length 3010 mm | width 55 mm | height 60 mm

5.2 kg

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. consideration of optical losses, internal control unit losses and operating device efficiency

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 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	13
B13	17
B16	21
B20	27
C10	21
C13	28
C16	35
C20	45

Components

LINEAR COVER

ARTICLE NUMBER(S)
006-4230010H

INSTALLATION CHANNEL with trim

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
white aluminium	3000-55-60	042-700601G

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
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 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



Optical accessories

BLIND COVER

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



CONTINUOUS LINEAR COVER

ARTICLE NUMBER(S)
006-2225010H
006-2206010H

