

# FRAME 40 high lumen

trim system

042-0126037 006-4230010H 042-7006017



Project / Type

Notes

Count / Date



## General

Ceiling | Recessed

traffic white | RAL 9016 <sup>1</sup>

IP20

6290 lm

2100 lm/m

## LED

3000 K

CRI  $\geq$  90

L90 / 50000 h

initial MacAdam  $\leq$  3 SDCM

R<sub>g</sub>: 99 | R<sub>r</sub>: 91 | R<sub>(1-15)</sub>: 89

MR 0.61 | MDER 0.55

## Optical

High Performance Opal | opal (lambertsch)

PstLM  $\leq$  1.0 <sup>2</sup> | SVM  $\leq$  0.4 <sup>2</sup>

## Electrical

DALI-2

PC1 | 220-240 V

system 54 W

system 116 lm/W <sup>3</sup>

18 W/m

## Physical

trim

length 3000 mm | width 55 mm | height 60 mm

5,5 kg

not breakable

## Cutout

length 3010 mm | width 45 mm

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

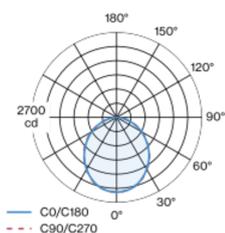
recessed depth 100 mm

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

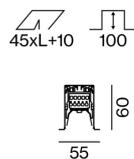
<sup>3</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

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 consisting of highly reflective lacquered aluminium for improved thermal management; 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; 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



## Installation instructions



## Lighting calculator



# FRAME 40 high lumen

trim system

042-0126037 006-4230010H 042-7006017



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_

## 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 <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

<sup>a</sup> 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)
traffic white	3000-55-60	042-7006017

## 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



[042-0126037 006-4230010H 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.

© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

18.06.2025

2 / 3

# FRAME 40 high lumen

trim system

042-0126037 006-4230010H 042-7006017



Project / Type

Notes

Count / Date

## Mounting accessories

### MOUNTING BRACKET recessed trim

#### TYPE

1 piece  
25 pieces

#### ARTICLE NUMBER(S)

042-7092110  
042-7092110.25



## Mounting accessories

### INSTALLATION CHANNEL corner 90° with cover

#### TYPE

opal high performance  
microprismatic  
opal high performance  
microprismatic  
opal high performance  
microprismatic

#### COLOUR

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

#### L-W-H (MM)

250-250-60  
250-250-60  
250-250-60  
250-250-60  
250-250-60  
250-250-60

#### ARTICLE NUMBER(S)

042-700C017H  
042-700C017Z  
042-700C018H  
042-700C018Z  
042-700C01GH  
042-700C01GZ

## Electrical accessories

### POWER FEEDER UNIT

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

#### ARTICLE NUMBER(S)

042-1093230



## Optical accessories

### BLIND COVER

#### 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

#### ARTICLE NUMBER(S)

006-2225010H  
006-2206010H

