

# FRAME 40 flex high lumen

trim system

042-012F137 006-4210010H 042-7002017



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

Notes \_\_\_\_\_

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



## General

Ceiling , Recessed \_\_\_\_\_

traffic white , RAL 9016 <sup>1</sup> \_\_\_\_\_

IP20 \_\_\_\_\_

2260 lm \_\_\_\_\_

2260 lm/m \_\_\_\_\_

## LED

4000 K \_\_\_\_\_

CRI ≥ 90 \_\_\_\_\_

L90 / 50000 h \_\_\_\_\_

initial MacAdam ≤ 3 SDCM \_\_\_\_\_

R<sub>g</sub>: 99 , R<sub>r</sub>: 92 , R<sub>t(1-15)</sub>: 90 \_\_\_\_\_

MR 0.81 \_\_\_\_\_

MDER 0.74 \_\_\_\_\_

## Optical

High Performance Opal \_\_\_\_\_

opal (lambertsch) \_\_\_\_\_

PstLM ≤ 1.0<sup>2</sup> <sup>3</sup> \_\_\_\_\_

SVM ≤ 0.4<sup>2</sup> <sup>3</sup> \_\_\_\_\_

## Electrical

DALI-2 \_\_\_\_\_

220-240 V \_\_\_\_\_

system 18.5 W \_\_\_\_\_

system 122 lm/W<sup>4</sup> \_\_\_\_\_

PC1 \_\_\_\_\_

18 W/m \_\_\_\_\_

## Physical

trim \_\_\_\_\_

length 1000 mm \_\_\_\_\_

width 55 mm \_\_\_\_\_

height 60 mm \_\_\_\_\_

2.65 kg \_\_\_\_\_

L (mm): 500 - 1000, breakable every 62.5mm \_\_\_\_\_

## Cutout

length 1010 mm \_\_\_\_\_

width 45 mm \_\_\_\_\_

min. ceiling thickness 8 mm \_\_\_\_\_

max. ceiling thickness 25 mm \_\_\_\_\_

recessed depth 100 mm \_\_\_\_\_

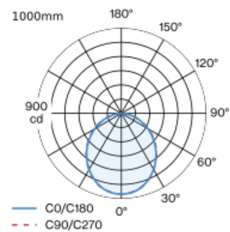
<sup>1</sup> RAL code <sup>2</sup> 1000mm

<sup>3</sup> Value of containing product at full load (undimmed)

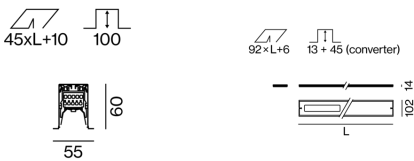
<sup>4</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

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 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 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



[“042-012F137 006-4210010H 042-7002017”] 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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