FRAME 40 flex high lumen

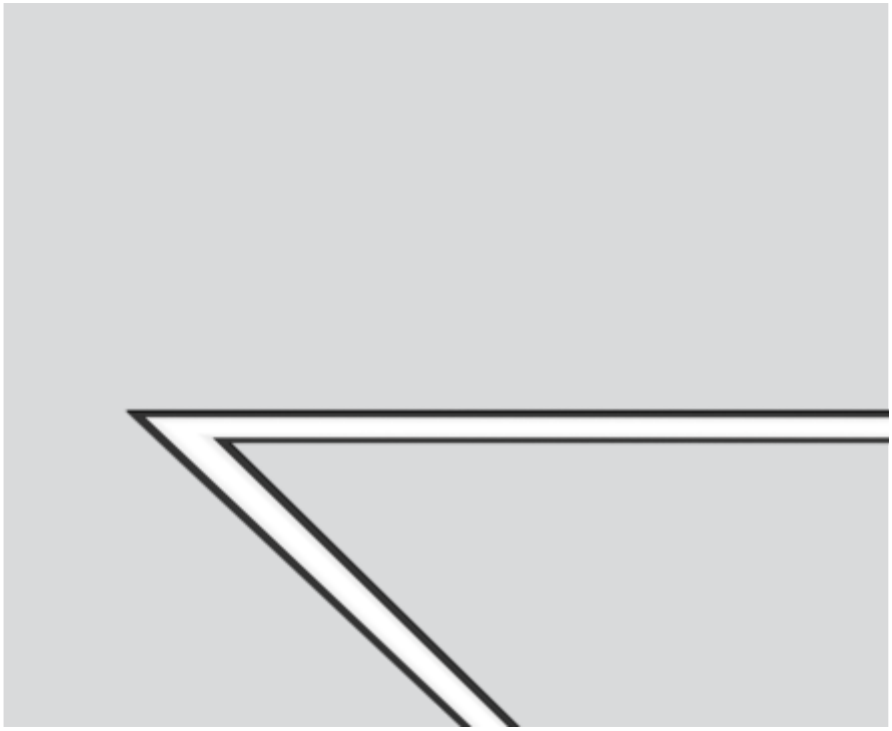
trim system

042-012F137 006-4210010Z 042-7002018

Project / Type

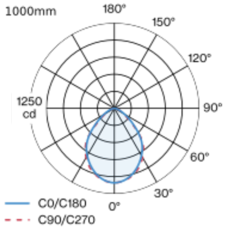
Notes

Count / Date

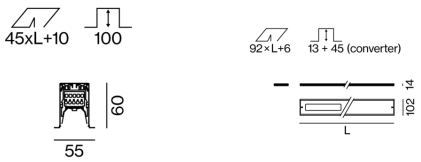


Luminaire housing made of extruded aluminium profile; recessed light with wrap around edge; for continuous lighting systems; suitable for ceiling thickness of 8-25 mm; surface black powder coated; luminaire profile can be pre-mounted; pre-assembled power rail for power supply in luminaire profile; voltage 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



General

Ceiling , Recessed
black , RAL 9005 [1]
IP20
2000 lm
2000 lm/m

LED

4000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 99 , R_f: 92 , R_{f1-15}: 90
MR 0.81
MDER 0.74

Optical

Microprismatic
microprismatic
PstLM ≤ 1.0[2 3]
SVM ≤ 0.4[2 3]

Electrical

DALI-2
220-240 V
system 18.5 W
system 108 lm/W[4]
PC1
18 W/m

Physical

trim
length 1000 mm
width 55 mm
height 60 mm
5.5 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

[1] RAL code [2] 1000mm
[3] Value of containing product at full load (undimmed)
[4] 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

['042-012F137 006-4210010Z 042-7002018'] 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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