

# FRAME 60 high lumen

## trim system

007-93M2537 006-16062Z 035-00637



Project / Type

Notes

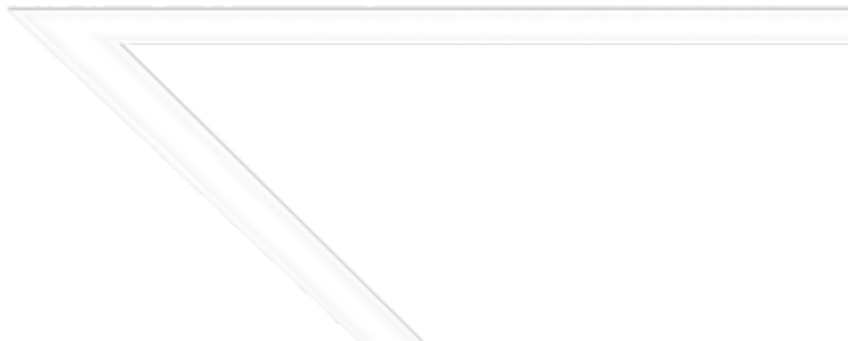
Count / Date



['007-93M2537 006-16062Z 035-00637'] 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.

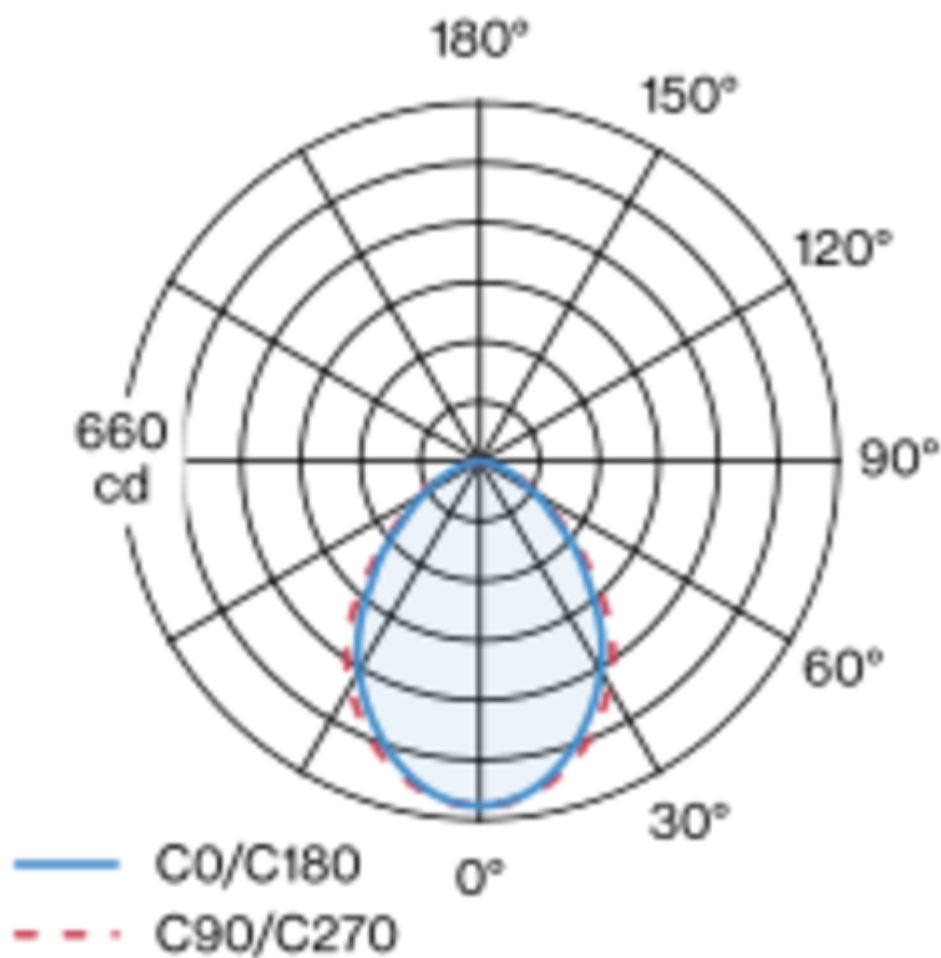
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14.05.2024

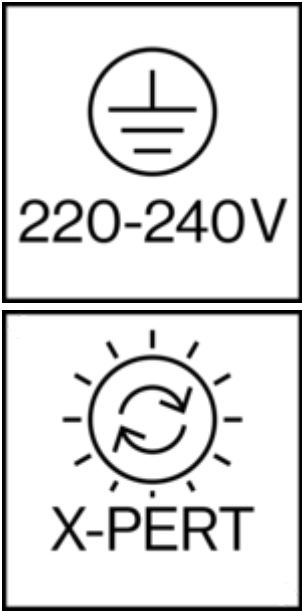
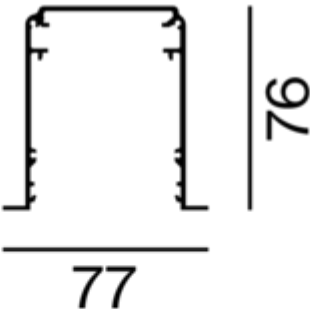
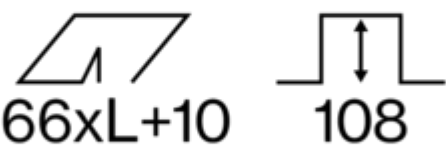


Luminaire housing made of extruded aluminium profile; recessed light with wrap around edge; for continuous lighting systems; suitable for ceiling thickness of 8-25 mm; surface white powder coated; luminaire profile for mounting available in advance; remaining lamp components mounted without tools; LED light inset consisting of highly reflective lacquered aluminium for improved thermal management; light colour 3000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 80$ ; 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 220-240V; 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 <sup>1</sup>  
2100 lm/m  
IP20  
1200 lm

## LED

3000 K  
CRI  $\geq 80$   
L90 / 50000 h  
photobio. safety RG 0 - no Risk  
initial MacAdam  $\leq 3$  SDCM  
MR 0.56  
MDER 0.51

## Optical

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

## Electrical

DALI-2  
13.2 W  
PC1 220-240V  
91 lm/W  
1 DALI Addr.  
23 W/m

## Physical

trim  
length 572 mm  
width 77 mm  
height 78 mm  
1.8 kg

**Cutout**

length 588 mm  
width 66 mm  
min. ceiling thickness 8 mm  
max. ceiling thickness 25 mm  
recessed depth 108 mm  
<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

**Installation instructions**



**Lighting calculator**



**Maintenance Factors**

**Operating Time [h]**

LLMF  
LSF

**10 000**

0.98  
1

**20 000**

0.96  
1

**30 000**

0.94  
1

**40 000**

0.92  
1

**50 000**

0.9  
1

MF

$LMF \times RSMF \times LLMF \times LSF$

MF

Maintenance Factor

$LMF^a$

Luminaire Maintenance Factor

$RSMF^a$

Room Surface Maintenance Factor

LLMF

Lamp Lumens Maintenance Factor

LSF

Lamp Survival Faktor

<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**

B10

B13

B16

B20

C10

C13

C16

C20

### **Number of Fixtures**

18

23

28

35

30

38

46

58

**Mounting accessories**

**END CAPS**

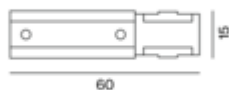
Type	Colour	Article number(s)
1 pair traffic white		035-13137
1 pair white aluminium		035-1313G



**Mounting accessories**

**LINEAR CONNECTOR**

Type	Article number(s)
1 piece	005-40046
10 pieces	005-40046.10



**OPAL COVER LINEAR CONNECTOR**

Article number(s)
006-14000



## Mounting accessories

### MOUNTING BRACKET

Type	Article number(s)
1 piece	035-10200
25 pieces	035-10200.25

## Electrical accessories

### THROUGH WIRE

Type	Article number(s)
3 x 1,5 mm <sup>2</sup>   10 pieces	004-90003
5 x 1,5 mm <sup>2</sup>   10 pieces	004-90005

