FRAME 60 high lumen

trim system

007-93M3017 006-16092Z 035-00937

Project / Type

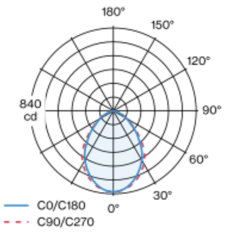
Notes

Count / Date

X-PERT X-PERT 220-240 V

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 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 ≤ 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. converter, non dimmable; 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
traffic white | RAL 9016
IP20
1550 lm
1780 lm/m

LED

3000 K
CRI ≥ 90
L90 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 99 | R_f: 91 | $R_{f\{1\text{-}15\}}$: 89
MR 0.61 | MDER 0.55

Optical

Microprismatic | microprismatic
PstLM ≤ 1.0 [1] | SVM ≤ 0.4 [1]

Electrical

non DIM
PC1 | 220-240 V
system 17.5 W
system 89 lm/W [2]
20 W/m

Physical

trim
length 872 mm | width 77 mm | height 78 mm
2.37 kg

Cutout

length 888 mm | width 66 mm
min. ceiling thickness 8 mm | max. ceiling thickness 25 mm
recessed depth 108 mm

[1] Value of containing product at full load (undimmed)
[2] incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions

Lighting calculator

['007-93M3017 006-16092Z 035-00937'] 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