

ALENA

modular downlight family

LUXTRON
SYSTEMS



*1 LED engine for all
use cases*

ALENA 106A Round

technical specifications



Electronic controlgear
from **Helvar**

LED technology
from **CITIZEN**

Model No	ALENA 106A
Mounting	Recessed Mounting, Adjustable Fixture
Load Wattage	20 / 24W
Input Voltage	220 - 240V AC (50-60 Hz) Electronic Controlgear from Helvar
Beam Angle	10° / 15° / 24° / 38° / 55°
Color Temperature	2700 / 3000 / 4000 / 5000K others available on request
Color Rendering Index	80 / 90
Luminous Flux (@3000K, Ra80)	1000 lm @ 14W 1576 lm @ 20W 1900 lm @ 24W
IP Rating	IP20 / IP40
Dimming Protocols	DALI-2 / Wireless / 1-10V
Dimensions	Φ 106 x H126 mm
Cut out	Ø 95 mm

Reflector Color Options



Matt Black



Chrome



Gun black



Silver



Matt White



Sand Gold



Square Lens



Soft lens



Honeycomb



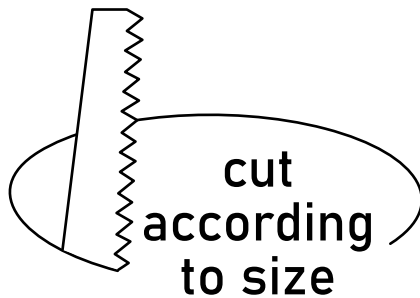
Stripe Lens

WARNINGS

- **INSTALLATION SHOULD ONLY BE PERFORMED AFTER POWER TO THE FIXTURE HAS BEEN DISCONNECTED.**
- This product is suitable for indoor use only.
- Do not attach to surfaces which are damp, freshly painted or electrically conductive.
- Not suitable for mounting on flammable surfaces.
- Do not cover the heatsink of the downlight.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

INSTALLATION INSTRUCTIONS

1

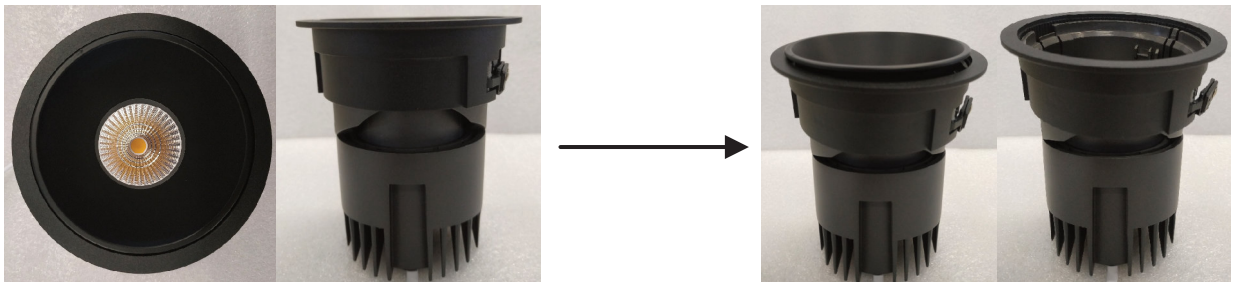


for other models, cut out sizes are mentioned in datasheets

Models	Cut Out Sizes
Alena 60 Round	50 mm
Alena 86 Round	75 mm
Alena 106 Round	95 mm
Alena 132 Round	120 mm

2

remove
plastic
reflector
on top



3

adjust the
recessed mounting
bracket according
to ceiling thickness

for ceiling < 10 mm



for ceiling 10-20 mm



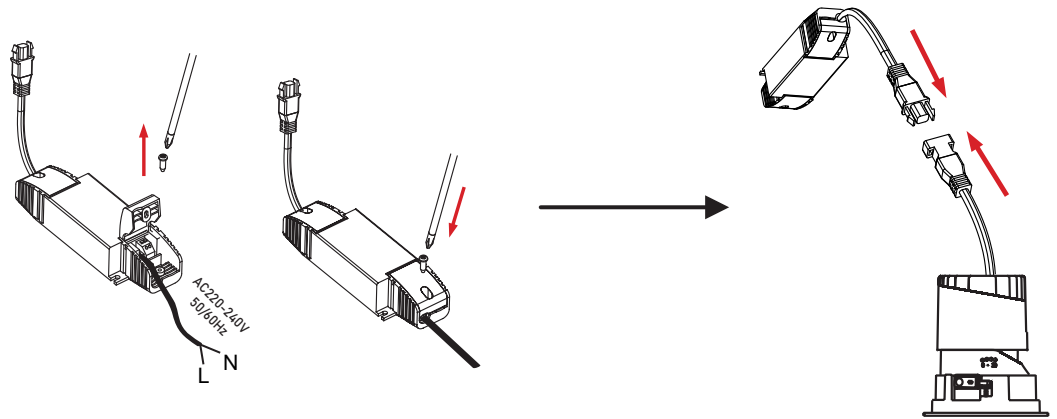
ALENA 106A Round

installation instructions

LUXTRON
SYSTEMS

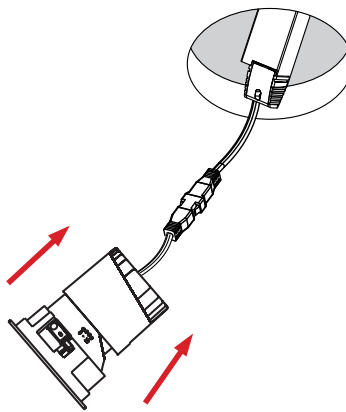
4

wire the mains to the LED driver and connect to the LED downlight using the provided connector



5

insert the LED downlight into the ceiling and make sure the brackets are anchored and in place once inserted.



6

once installed and aimed at illumination point, fix the product in place using the hex key in the box



match the fixing positions to install the plastic reflector back in place



7

You're done!



1 LED engines for all use cases!