

LUXTRON
SYSTEMS

ALGO-45 OT/EVO

one spot for all use-cases



ALGO-45 OT/EVO

technical datasheet

LUXTRON
SYSTEMS



Compatible with
ONETRACK /
MULTISYSTEM EVO

Electronic control

Helvar

Chip On-Board
technology from

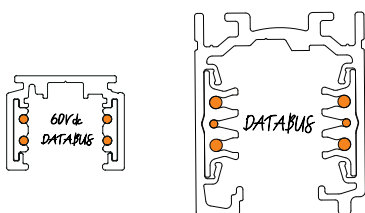
CITIZEN

Technical Data

System Wattages	Up to 8 W
Input Voltage	230V AC using ONETRACK (OT) 48V DC using EVO (EVO)
Beam Angle	15° / 24° / 36° / 50° Zoomable 8° - 46°
Accessories For fixed optics, the only accessory is Honeycomb.	Honeycomb Softening Lens Oval Lens Wide flood Lens
Color Temperature	2700K / 3000K / 3500K / 4000K Dim to Warm others available on request
Color Rendering Index	CRI90 CRI97 available on request.
Dimming Protocols	DALI-2 Wireless (FD)

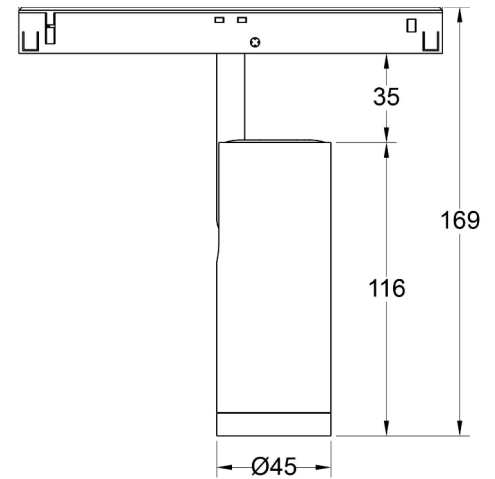
Salient features

- Made using die cast aluminum.
- Up to 8 W.
- CRI90 is a standard offering. CRI97 is available on request.
- Available in warm and cool color temperatures.
- Compatible with ONETRACK 3-phase track system or EVO 48V from A.A.G. Stucchi or EUTRAC.
- Available in both with fixed optics as well as zoomable optics.
- Different add-on accessories such as Honeycomb, Framing, Snoot, Oval, Softening, and Wide flood lenses.
- LED components from Helvar and latest 8th generation COBs from Citizen.
- Various dimming possibilities: DALI-2, Wireless or Dimmer on Board.

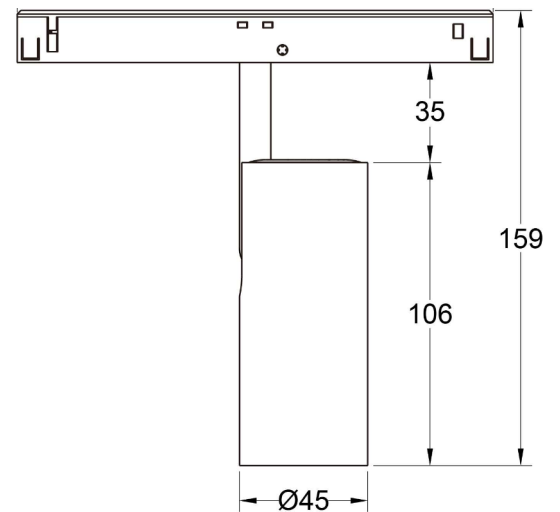


Dimensions	Fixed optics D45 H106 mm	Zoomable Optics D45 H116 mm
Finishes	Black / White / Brass / Silver	
IP Rating	IP20 rated (for indoor use only)	

ALGO 45 ZOOM

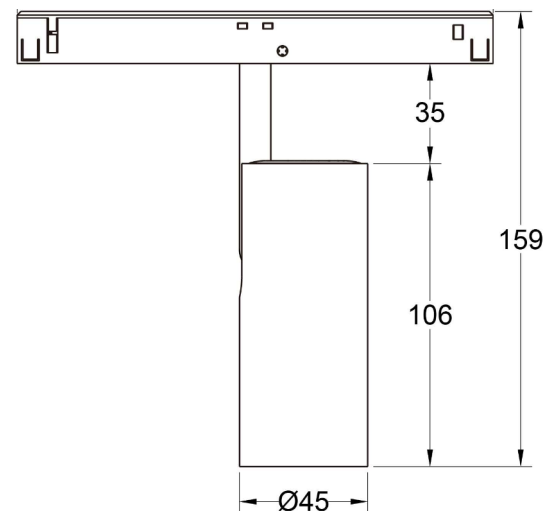


ALGO 45 EVO



ALGO 45 OT

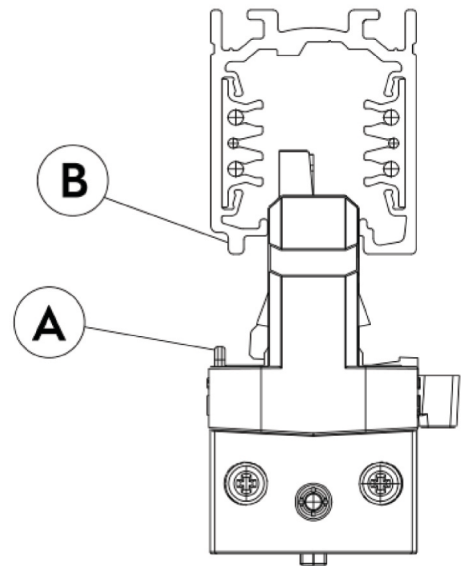
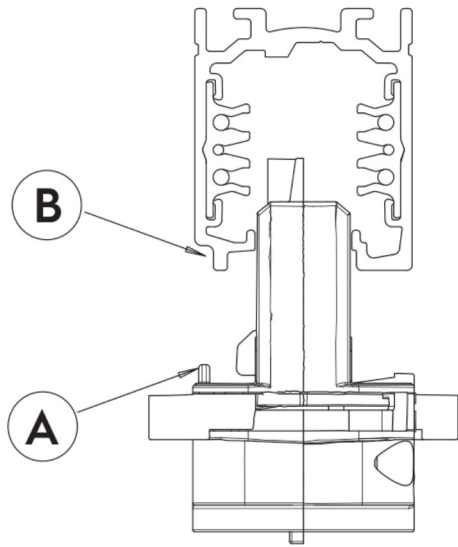
Only changes in adapter size, spot head remains same



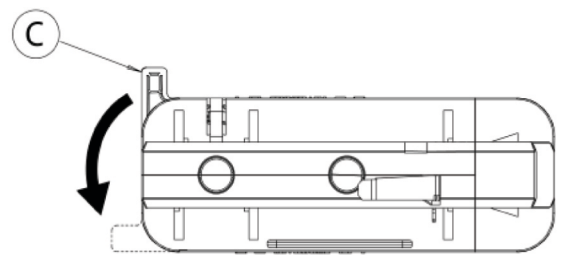
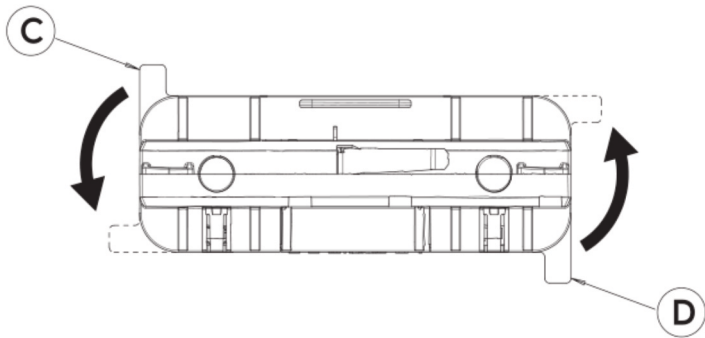
ALGO for ONETRACK 230V

installation instructions for ONETRACK 230V

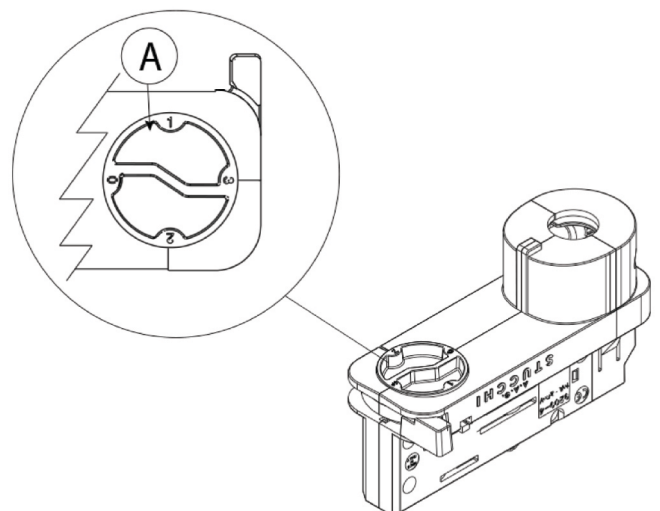
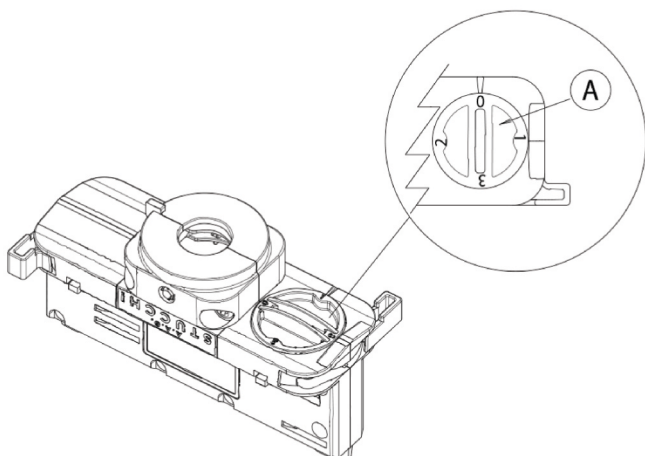
1. Insert the adapter into the track, so that the mechanical key (A) in the adaptor matches the groove (B) in the track.



2. Rotate of about 90° the levers of the two cams (C & D) until they are securely locked into the track. Some models might have only one cam depending on dimming protocols chosen.



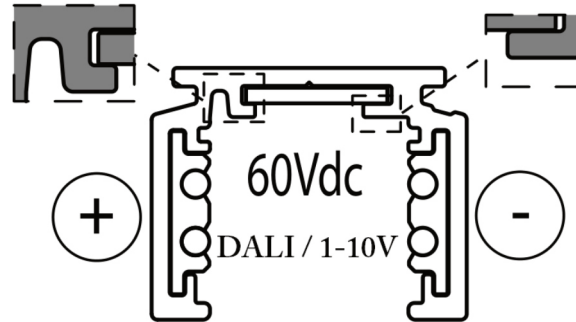
3. When the track is connected to a three-phase system, it is possible to select the phase the phase can be selected (L1, L2 or L3) to distribute power to single luminaires in the system.
4. This phase selection is done by the selector (A) of the adaptor.
5. The phase selector must be switched on only during the installation by skilled personnel.



ALGO for MULTISYSTEM EVO 48V

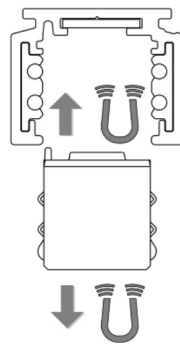
installation instructions for MULTISYSTEM EVO 48V

1. The MULTISYSTEM/EVO track is a Class III SELV product. The supply voltage must be between 0 and 60 VDC and the supply current must not exceed 15 A. The operating temperature must not exceed 70°C. The 4 track conductors can be used to create two separate power supply circuits, or one circuit for the power supply and one for the DATA BUS. It is forbidden to use control gear, drivers, DATA BUS systems and components that are not SELV-approved and/or with U_{-OUT} greater than 60 VDC.

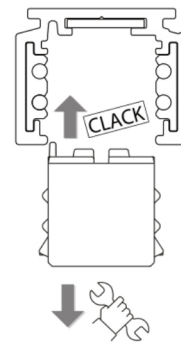


2. If in an installation the track system is being integrated with a larger lighting control system by electrically merging the DATA BUS of the low-voltage track with that of other light fittings, all components used must be SELV-approved.
3. There are two types of adaptors: the non-polarised version (without mechanical key) and the polarised version (with mechanical key on the left, can also be on the right for some models). If polarised adaptors are used, it is important to respect the wiring inside the item and to be very careful when inserting the end power feed into the track.

magnetic

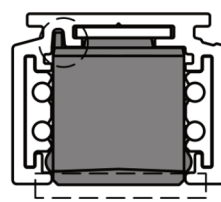


mechanical

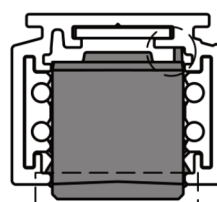


4. Once inserted with the key properly oriented, the luminaire must lie perfectly flush with the track without protruding, and the key must not interfere with the track.

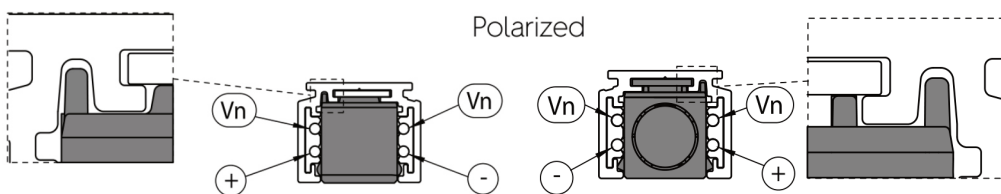
Correct installation



Incorrect installation



Polarized



Non polarized

