

LUXTRON
SYSTEMS

ALGO
one spot with maximum flexibility



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The ALGO range is our low voltage 48V track spots which is compatible with all the shapes of low voltage MULTISYSTEM EVO tracks and is also compatible for mains voltage ONETRACK.

Having many different accessories - honeycomb, cover lenses, barn doors, fixed lenses, zoomable lenses.

ALGO is highly flexible and presents itself as a perfect solution to meet the needs of a space.

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SYSTEMS

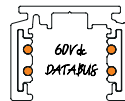


Helvar

Electronic control
gear from

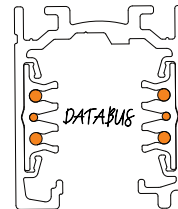


Compatible with both
ONETRACK and
MULTISYSTEM EVO tracks



Chip On-Board
technology from

CITIZEN



A.A.G.
STUCCHI
EUTRAC

one spot with maximum flexibility



Black



Black
+Lens cover



Black
+ Honeycomb



Black
+Snoot



Black
+Barn door



White



White
+Lens cover



White
+ Honeycomb



White
+Snoot



White
+Barn door

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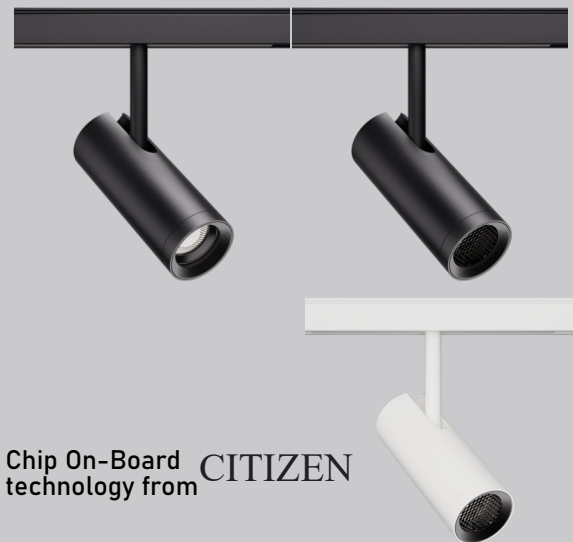
A.A.G.
STUCCHI
EUTRAC

Electronic control
gear from

Helvar
A.A.G.
STUCCHI
ENTITY

Chip On-Board
technology from

CITIZEN



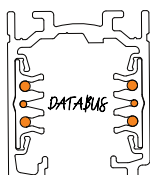
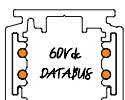
Technical Data

System Wattages (A) D35 mm (B) D45 mm (C) D55 mm (D) D75 mm (E) D90 mm (based on diameter)	(A) 4 W (B) 8 W (C) 10 / 12 W (D) 20 W (E) 30 W (D only on ONETRACK)
Input Voltage	230V AC (ONETRACK version) 48V DC (EVO version)
Beam Angle	15° / 24° / 36° / 50° Zoomable 8° - 46°
Accessories For fixed optics, the only accessory is Honeycomb.	Honeycomb Snoot Barndoor Softening Lens Oval Lens Wide floor Lens
Color Temperature	2700 / 3000 / 3500 / 4000 K Tunable White Dim to Warm others available on request
Color Rendering Index	80 / 90 / 97
Dimming Protocols	DALI-2 / Wireless Dimmer on Lamp

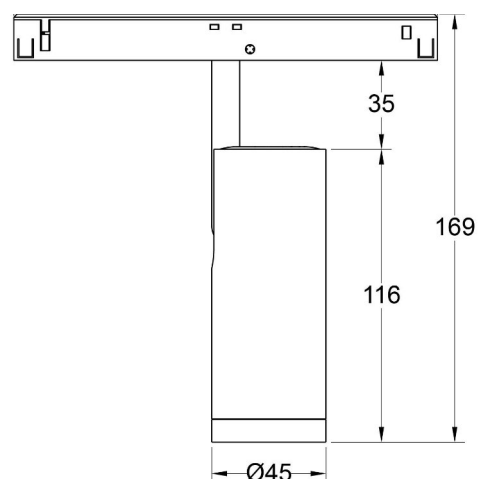
Salient features

- Made from die cast aluminum.
- Full series with different sizes to cater to all wattage demands.
- Compatible with both MULTISYSTEM as well as ONETRACK system from A.A.G. Stucchi / Eutrac. (Can be used with MICRO system but needs to be tested).
- Available in both with fixed optics as well as zoomable optics. D90 version is available on request with special Aluminum reflector from Alanod, Italy.
- Equipped with LED components from **Helvar & latest 6/8th Generation Citizen COBs**.
- Various dimming options i.e. DALI-2 / Wireless. Dimmer on Lamp is available on request only for some diameters.
- Color temperature options: **2700, 3000, 4000K, Dim to Warm, Tunable White.**
- **CRI90 is a standard, CRI97 VIVID**

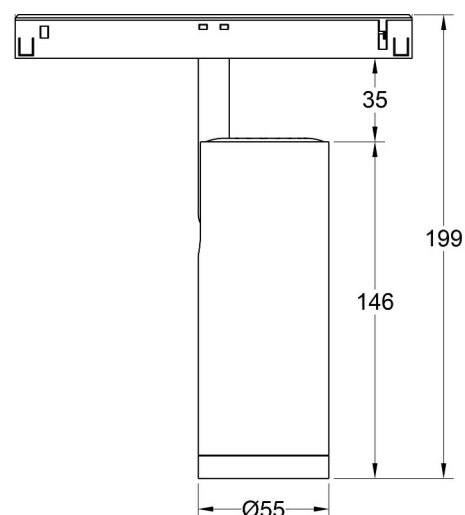
Dimensions for (B) and (C)	Fixed optics	Zoomable Optics
	D45 H106 mm D55 H134 mm	D45 H116 mm D55 H146 mm
IP Rating	IP20 rated (for indoor use only)	



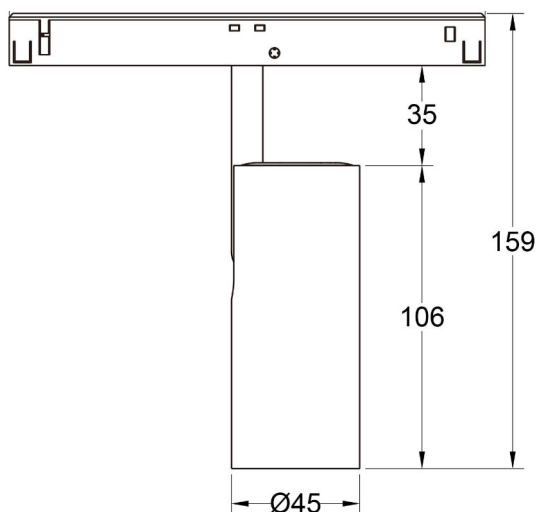
ALGO 45 ZOOM (<10



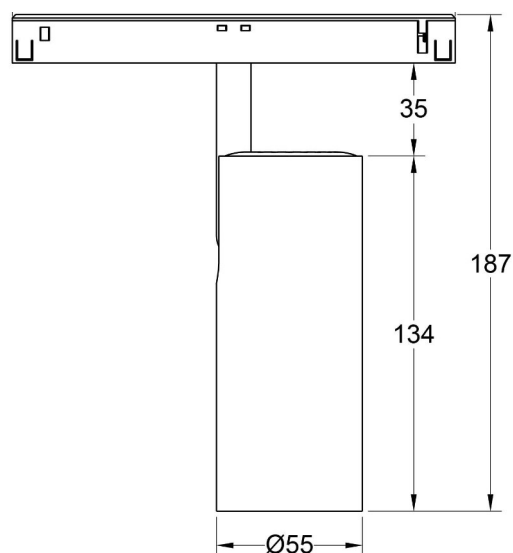
ALGO 55 ZOOM (12 / 16 W)



ALGO 45 FIXED



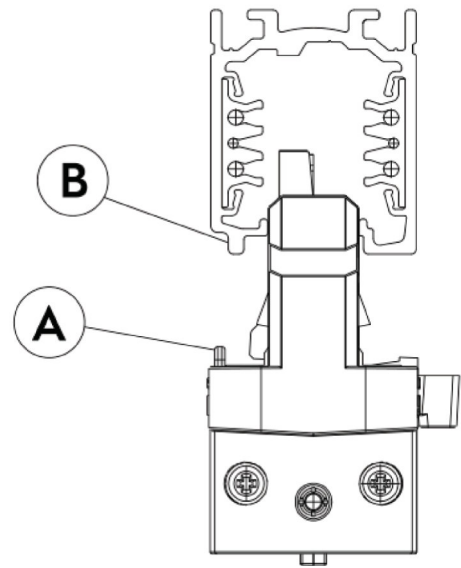
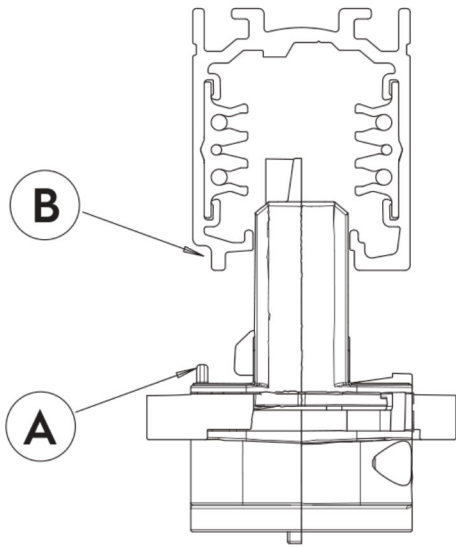
ALGO 55 FIXED



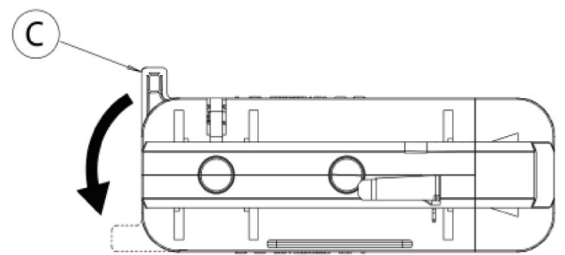
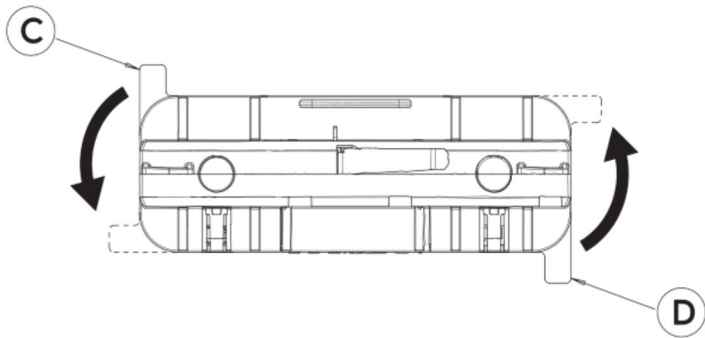
ALGO for ONETRACK

installation instructions for ONETRACK

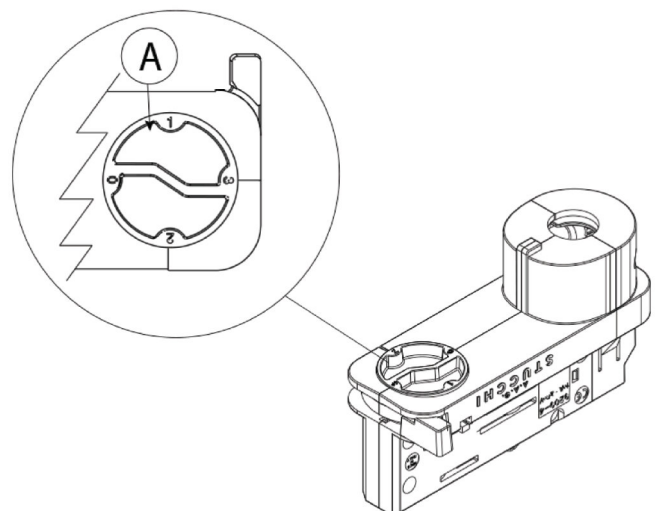
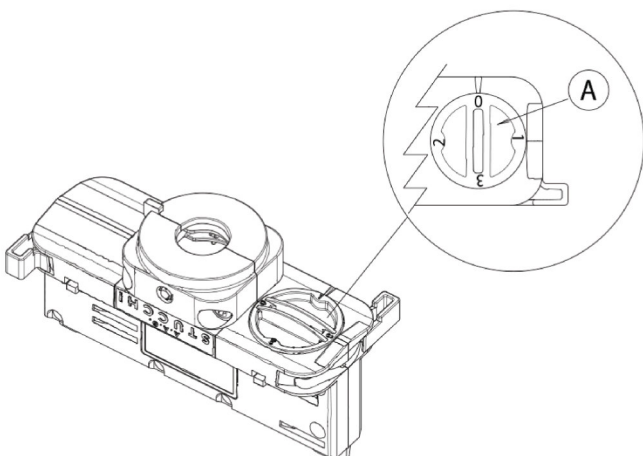
1. Insert the adapter into the track, so that the mechanical key (A) in the adaptor matches the groove (B) in the track.



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.



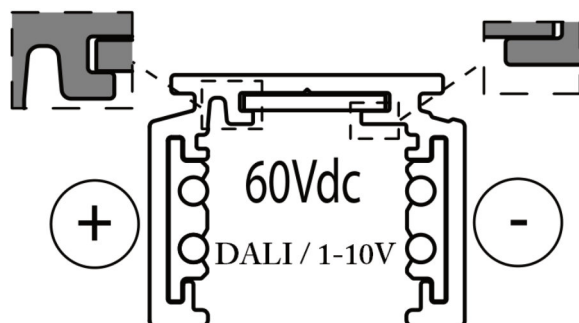
3. When the track is connected to a three-phase system, it is possible to select the phase the phase can be selected (L1, L2 or L3) to distribute power to single luminaires in the system.
4. This phase selection is done by the selector (A) of the adaptor.
5. The phase selector must be switched on only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



ALGO for MULTISYSTEM

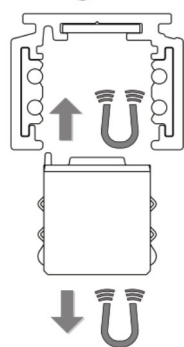
installation instructions for MULTISYSTEM

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.

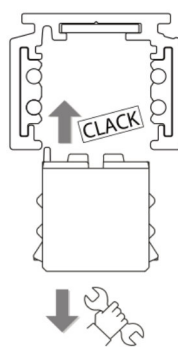


2. If in an installation the track system is being integrated with a larger lighting control system by electrically merging the DATA BUS of the low-voltage track with that of other light fittings, all components used must be SELV-approved.
3. There are two types of adaptors: the non-polarised version (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

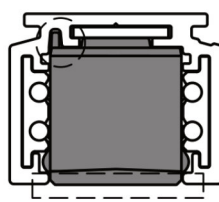


mechanical

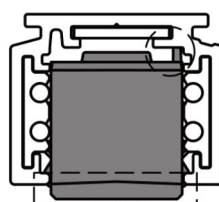


4. Once inserted with the key properly oriented, the luminaire must lie perfectly flush with the track without protruding, and the key must not interfere with the track.

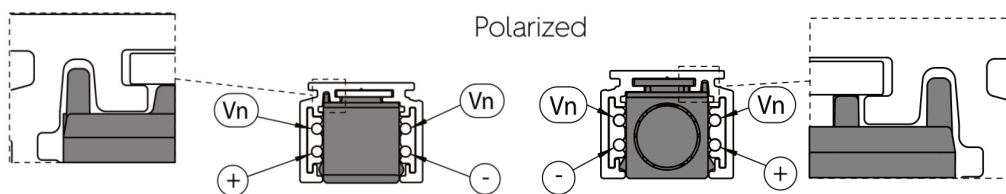
Correct installation



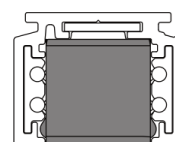
Incorrect installation

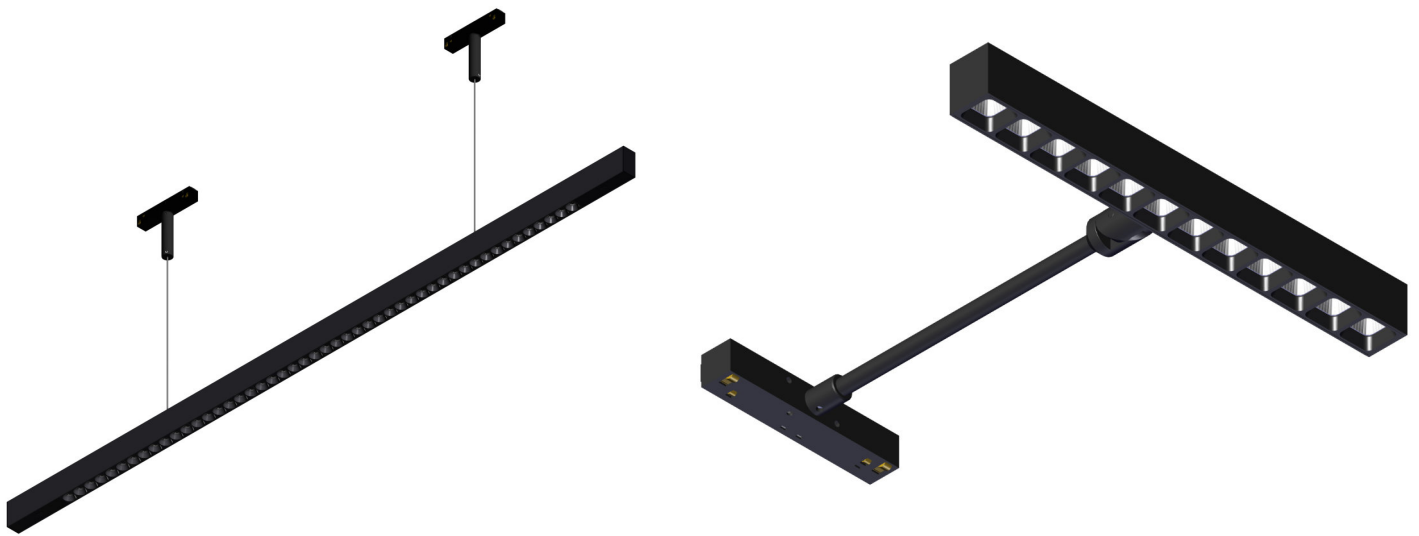


Polarized



Non polarized





3D multi-level track structures

