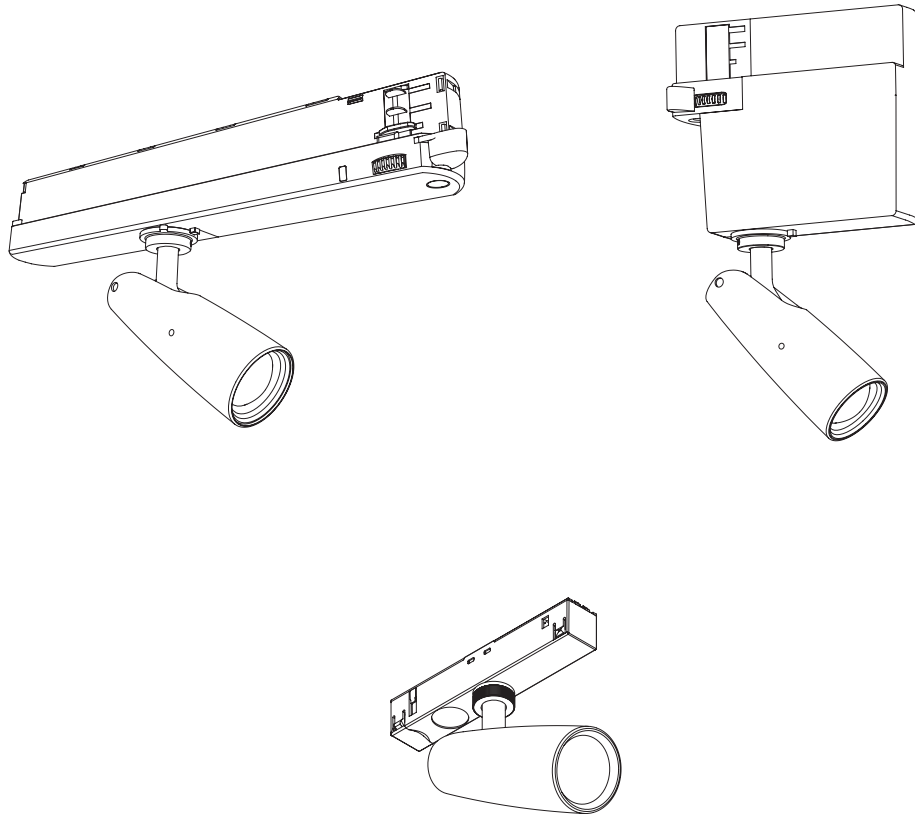
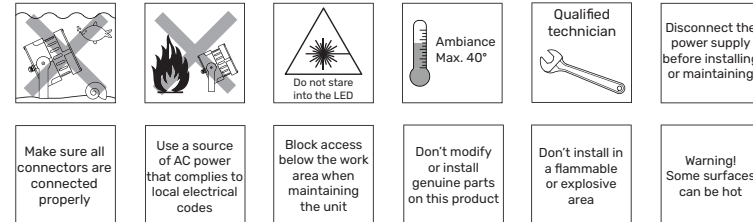


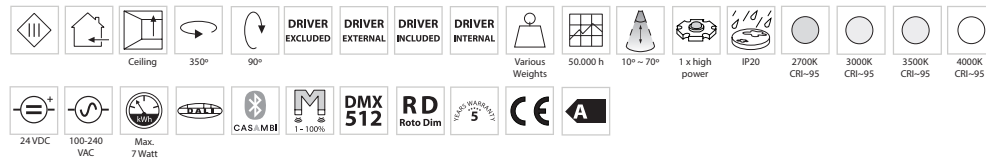
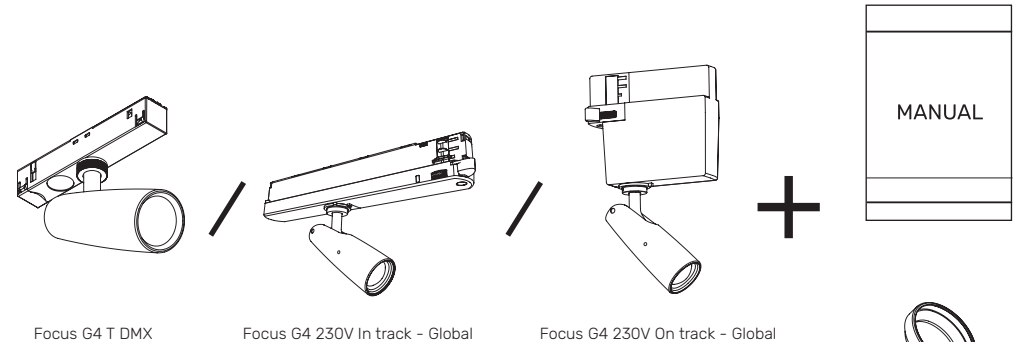


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SAFETY INFORMATION

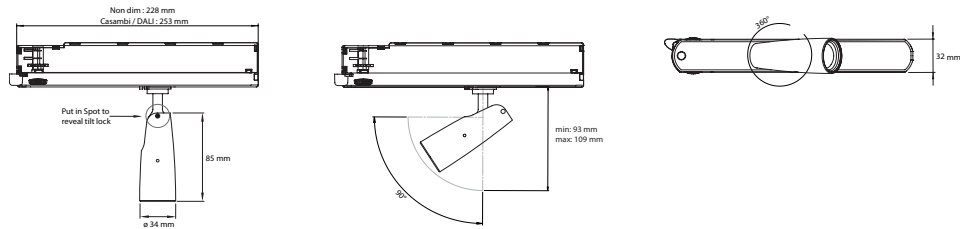


CONTENT

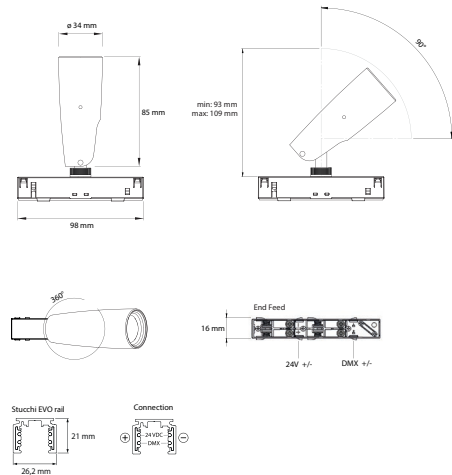


Y106415
CLS Focus G4 accessory holder

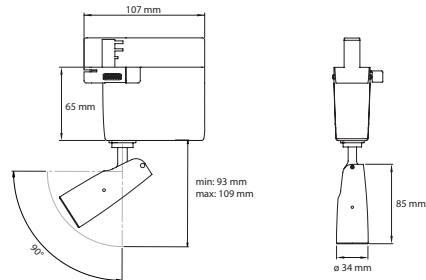
Focus G4 In Track



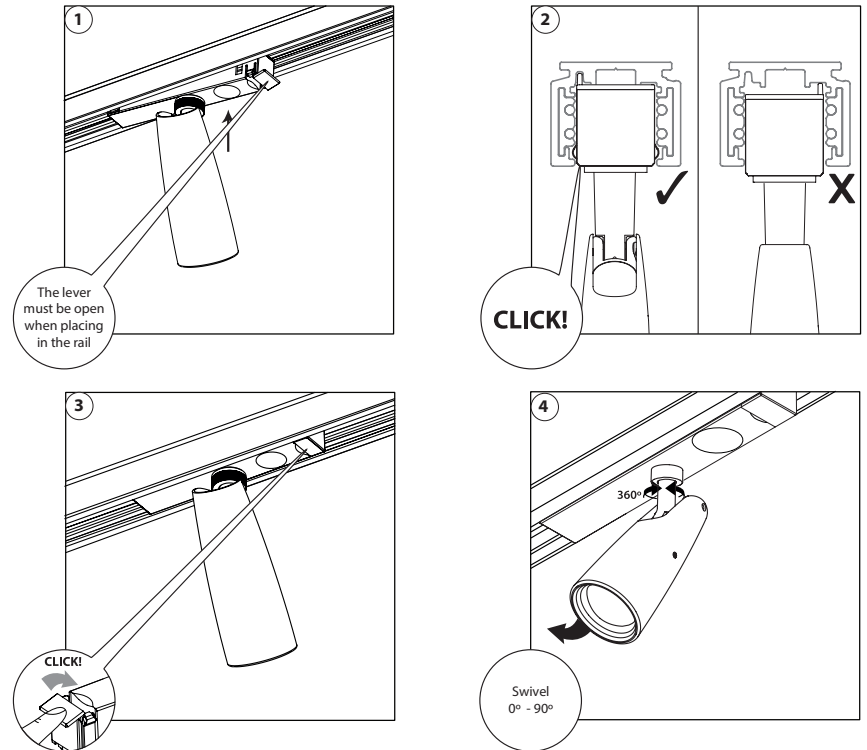
Focus G4 Track Stucchi



Focus G4 On Track Magno



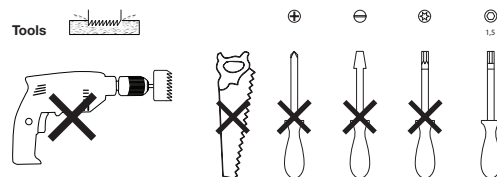
! Note: When plugging or unplugging the fixtures, there must be NO power on the rail !



! Note: on a total of 20 meter rail (consecutive), max. 20 pieces can be placed of the Focus G4 Track !

SPECIFICATIONS

LED: 1 x High Power LED
 Available colours: CRI-95: 2700K, 3000K, 3500K or 4000K
 Beam angle: 10° - 70°
 Power supply: 100 - 234 VAC or 24 VDC
 Power consumption: Max. 7 Watt
 Housing: Black or white coated
 Weight: Various
 IP value: IP20
 Ambient temperature: -10° C till +40° C



DMX Control

The Focus G4 T DMX is controlled with 1 DMX channel. To get the best dimming resolution the "Dynamic Softdim" can be configured.

Dynamic Soft Dim (default)*

No extra channel needed, this function is on by default. Adjusts its dimming curve to the speed at which you move the DMX slider.

Dynamic Soft dim (deprecated)

An extra channel added and interpolates between the DMX values. This function makes the dim curve smoother.

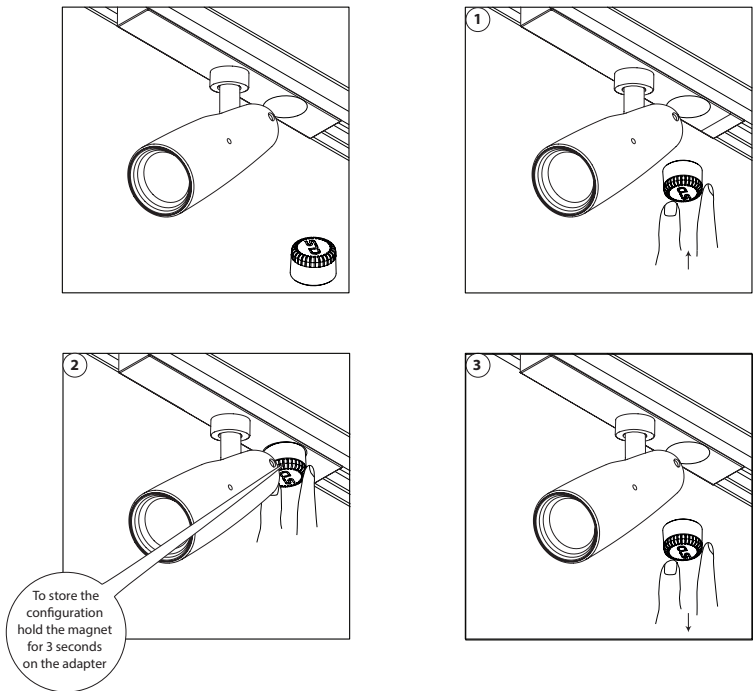
Static Soft dim

An extra channel added and controls the fade speed, where value 0 stand for no extra delay and 1-255 will add extra delay to the fade.

Each own value represents the delay in seconds. For example:

Value 1 = 1 second delay | value 33 = 33 seconds delay | value 255 = 255 seconds delay.

* This function is available on fixtures that were produced from November 2023, up till now.



Configuration

Via DMX the Focus G4 can be configured. After setting the DMX to the desired values just hold the magnet on the Focus adapter. Hold the magnet for approximately 3 seconds (step 2), when holding the magnet on the Focus it will turn on and when programming has finished the Focus will flash again. When the light does not flash after 3 seconds, repower and try again.

When DMX is active or inactive on the rail, you can switch DMX on and off when you put power on the rail while the magnet is on the fixture.

By Powering up the focus **with** magnet and **no** DMX signal, the DMX is **switched off**.
By Powering up the focus **with** magnet and **with** DMX signal, the DMX is **switched on**. (The light remains at its static value until you remove the magnet).

Furthermore DMX can also be switched off via RDM, or via CH17 in the programming table. In this case:

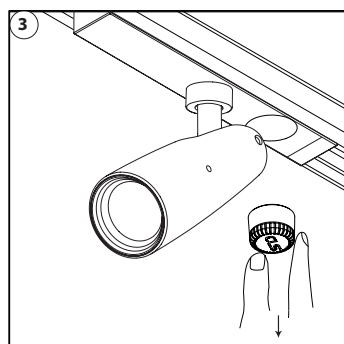
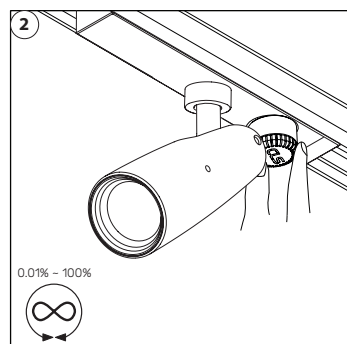
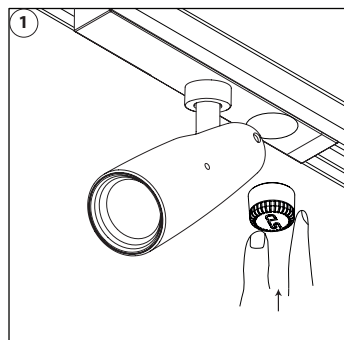
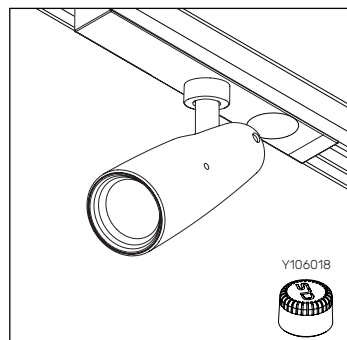
- 0 = No change
- 1 = DMX on
- 2 = DMX off

PROGRAMMING TABLE

PROGRAMMING TABLE				
DMX	Function	Data	Parameters	Description
CH1	Set address	0	0 = no change	Use this DMX channel to set address from 1 to 255.
		1...255	DMX address = 1...255	
CH2	Set address	0	No change	Use this DMX channel to set address from 256 to 508
		1...255	DMX address = 256...508	
CH3	Static behavior	0	No change	If no DMX is present the fixture will respond like set in this function.
		1	Last DMX value	
		2	Output off	
		3	Load static values	
CH4	Soft dim	0	No change	When dynamic softdim is activated an extra DMX channel behind the colours and/or master controls the soft dim reaction. If fixed no extra DMX channel is used. Value x delay is x*0.1 seconds, varying from 0.1-25.5 seconds.
		1	Off	
		2	Standard	
		3	Dynamic delay	
		4-255	Fixed delay	
CH10	Static output	0	No change	Each output channel can be set to a static intensity. If no DMX is present and Static behavior is set to "load static values". The outputs will be set to the configured intensity values.
		1	Output off	
		2...255	Intensity 2...255	
CH14	Load default settings	0	No change	This function resets all settings to the Factory setting.
		1	Load Factory settings.	
CH17	DMX control	0	No change	The intensity control of the output via DMX can be disabled. To enable it again use RDM or power cycle with magnet in place. Wait until flash sequence and remove the magnet.
		2	Disable	

ROTO DIM STUCCHI

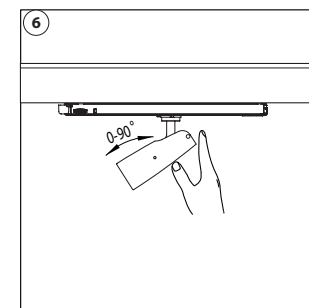
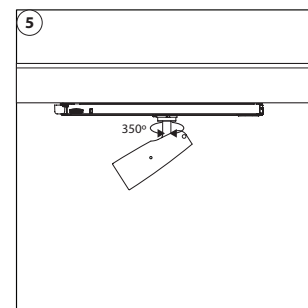
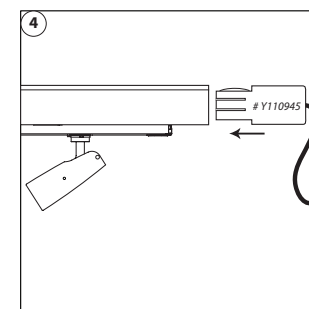
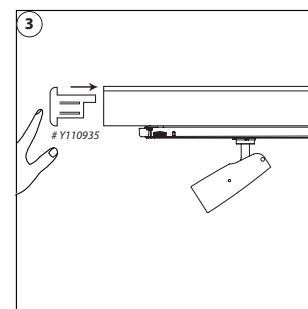
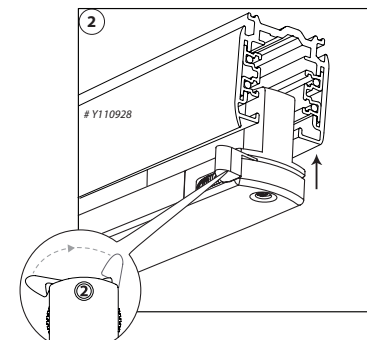
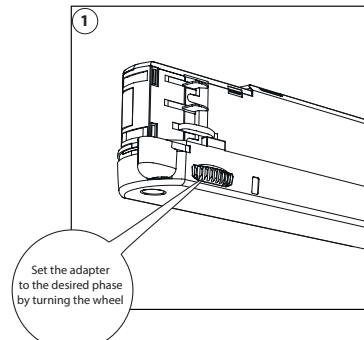
Works without DMX



Roto Dim®

1. Place the Roto Dim magnet on the adapter of the Focus G4 Track.
2. Turn right or left for the desired dimming value.
3. Remove the magnet from the Focus G4.
After approx. 3 seconds the LED will flash one time, confirming the dim value has been stored.
4. The magnet can also remain seated on the adapter of the Focus G4 Track.
After approx. 10 seconds the LED will flash one time, confirming the dim value has been stored.

INSTALLATION GLOBAL



! The In-track Series (non-dim, Casambi & DALI) max. 50 pieces on one B16 fuse box !

BLUETOOTH BY CASAMBI

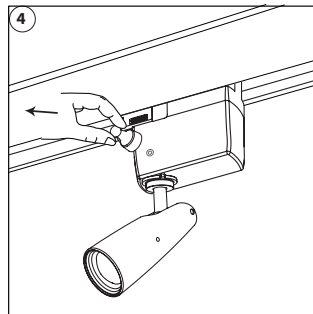
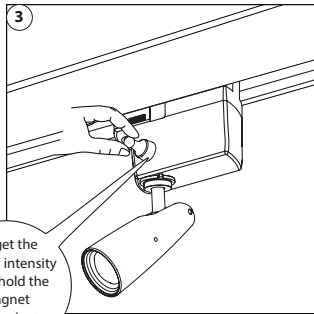
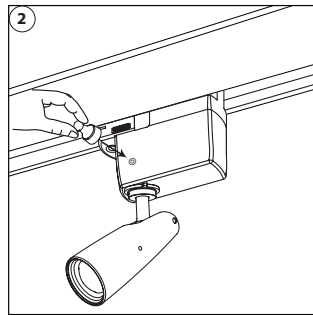
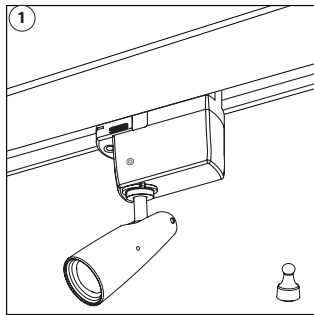
For Casambi controlled fixtures, see the manual of Casambi. The Manual can be found on our CLS website, in the Downloads section. Or use the link below:

https://www.cls-led.com/wp-content/uploads/cls-products/CLS_CASAMBI/MANUAL/Manual_Casambi_controlsistem_EN.pdf

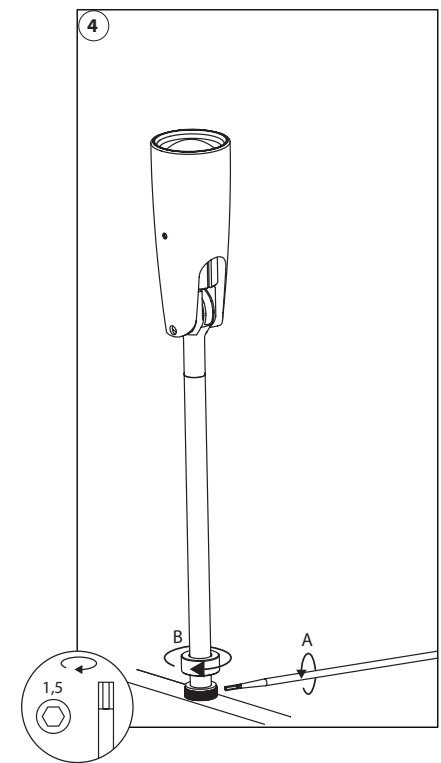
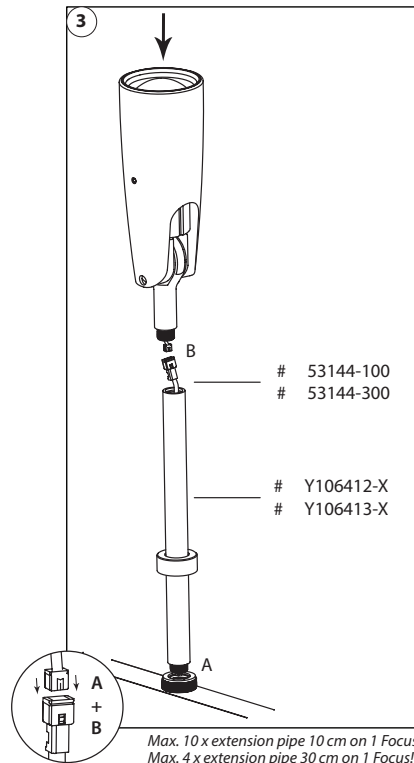
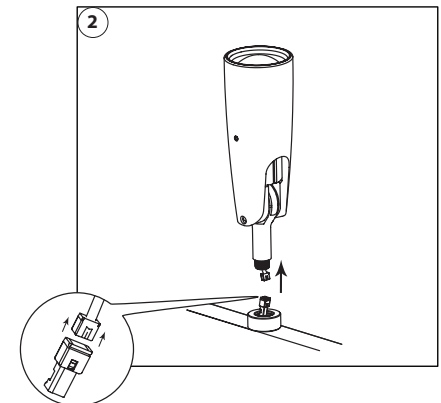
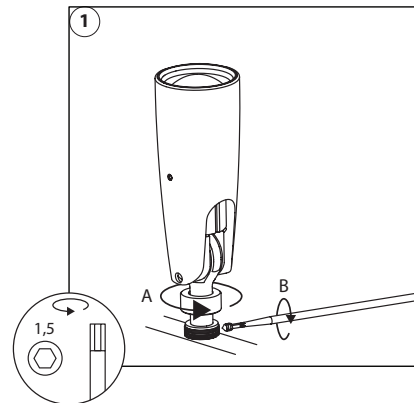
MAGNO DIMMING FOCUS G4 ON TRACK

EXTENSION PIPE ASSEMBLY

Stucchi & On Track

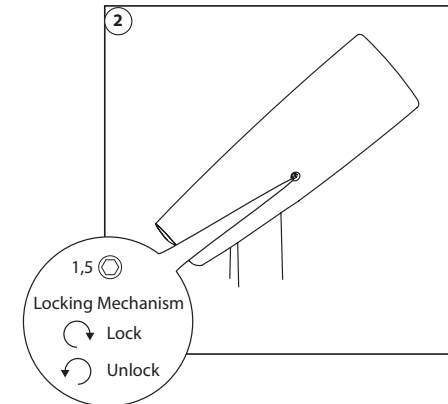
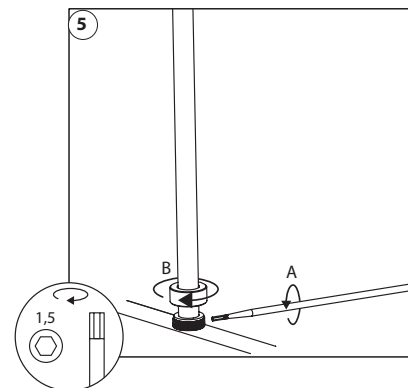
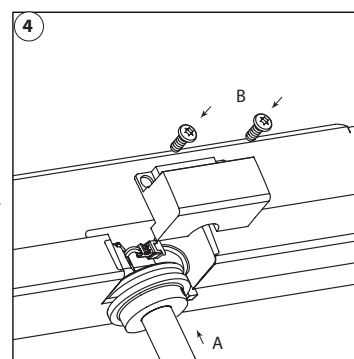
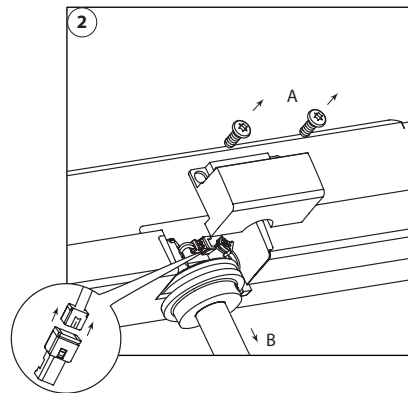


1. Place the magnet on the bulseye, located on the side of the adapter.
2. The Focus G4 T 230V starts slowly dimming from 100 – 1% in approx. 30 seconds. The dimming is very accurate and precise, so steps are very small.
3. At the desired intensity level, take away the magnet.
4. After 10 seconds the Focus G4 T 230V flashes one time, the value has been stored on the internal memory.
5. When powering up the Focus G4 T 230V, the stored value will be recalled from the internal memory.
6. If you want to have a lower value, replace the magnet and the Focus G4 T 230V dims further to lower levels. To store the new setting repeat step 3 – 5.
7. If the Focus G4 T 230V is being dimmed to Level 0 and you have not programmed a value, it will automatically start at Level 100 and dim back from 100 – 1%.



Max. 10 x extension pipe 10 cm on 1 Focus!
Max. 4 x extension pipe 30 cm on 1 Focus!

In Track



CLS



ACCESSORIES

ACCESSORIES Global

Y110855	CLS 3-phase multi adapter grey XTSA 68
Y110865	CLS 3-phase multi adapter white XTSA 68
Y110875	CLS 3-phase multi adapter black XTSA 68
Y110880	CLS T-connector grey for 3-phaserail, ground left
Y110881	CLS T-connector black for 3-phaserail, ground left
Y110882	CLS T-connector white for 3-phaserail, ground left
Y110925	CLS 3-phase rail 1mtr aluminum XTS 4100
Y110926	CLS Global 3-phase rail 2 metre aluminum XTS 4200
Y110927	CLS Global 3-phase rail 2mtr black XTS 4200
Y110928	CLS Global 3-phase rail 3mtr aluminum XTS 4300
Y110929	CLS Global 3-phase rail 4mtr aluminum XTS 4100
Y110930	CLS Global 3-phase rail 3mtr white XTS 4300
Y110931	CLS Global 3-phase rail 3mtr black XTS 4300
Y110932	CLS Global 3-phase rail 4mtr black XTS 4400
Y110935	CLS Global end piece for 3-phase rail grey XTS 41
Y110938	CLS Global end piece for 3-phase rail black XTS 41

Y110939	CLS end piece for 3-phase rail white XTS 41-3
Y110945	CLS connection box for 3-phase rail, grey XTS 11
Y110946	CLS connection box for 3-phase rail, grey XTS 12
Y110950	CLS connection box for 3-phase rail black XTS 11
Y110954	CLS L-connector grey for 3-phase rail, ground left
Y110955	CLS L-connector grey for 3-phase rail, ground right
Y110960	CLS connect piece gray (connect rail-rail) XTS
Y110961	CLS connect piece white (connect rail-rail) XTS21
Y110962	CLS connect piece black (connect rail-rail) XTS
Y110965	CLS hanging bracke for 3-phase rail, grey SKB16
Y110966	CLS hanging set, grey SKB12 with 1.5 mtr steel
Y110970	CLS bending tool XTSV 12
Y110980	CLS round mountingdisk GA70 grey
Y110990	CLS round mountingdisk GA70 black
CLS Global items also available in white	

ACCESSORIES Stucchi

Y111900-B	CLS Stucchi multisystem 1-phase rail 1m black
Y111901-B	CLS Stucchi multisystem 1-phase rail 2m black
Y111903-B	CLS Stucchi multisystem 1-phase standard rail end cap black
Y111904-B	CLS Stucchi multisystem 1-phase rail end feed left black
Y111905-B	CLS Stucchi multisystem 1-phase rail end feed right black
Y111906-B	CLS Stucchi multisystem 1-phase rail L feed internal black
Y111907-B	CLS Stucchi multisystem 1-phase rail L feed external black
Y111908-B	CLS Stucchi multisystem 1-phase rail adjustable corner black
Y111909-B	CLS Stucchi multisystem 1-phase rail coupler black
Y111912-B	CLS Stucchi multisystem 1-phase rail end cap hole black
Y111913	CLS Stucchi multisystem 1-phase cutting tool
Y111914-B	CLS Stucchi Suspension wire set 1,5m black
Y111915-B	CLS Stucchi multisystem coverplate for rail black
Y111916-B	CLS Stucchi multisystem 1-fase rail T feed ext-ext black
Y111917-B	CLS Stucchi multisystem 1-fase rail T feed ext-int black
Y111918-B	CLS Stucchi multisystem 1-fase rail T feed int-ext black
Y111919-B	CLS Stucchi multisystem 1-fase rail T feed int-int black
Y111920-B	CLS Stucchi multisystem 1-fase rail X feed black
CLS Stucchi multisystem also available in white colour	

ACCESSORIES

Y106017	CLS Magnet pin (5 pieces)
Y106018	CLS Roto Dim Magnet
Y106410	CLS Focus G4 filter holder set
Y106411	CLS Focus G4 oval beam filter
Y106412-B	CLS Focus G4 extension pipe 10 cm black
Y106412-W	CLS Focus G4 extension pipe 10 cm white
Y106413-B	CLS Focus G4 extension pipe 30 cm black
Y106413-W	CLS Focus G4 extension pipe 30 cm white
53143	Female socket 150 mm tinned end
53145	Female socket 30 mm tinned end
53144-100	Male plug to female socket 100 mm
53144-300	Male plug to female socket 300 mm

LIST OF SYMBOLS

	Protection class One, two or three		Retail & Food LED modules Clothing, furniture, kitchens, jewellery, shoes, bread, meat, fish and vegetables & fruit.
	Application area Indoor or outdoor		Colour Available colours: Amber, blue, red or green
	Application area Floor, wall or ceiling		White colour temperature In different Kelvin values: Cold white, neutral white, warm white or extra warm white
	Swivel Fixture is horizontally rotatable, indicated in degrees		Curve Minimal bending curve in centimeters
	Swivel Fixture is vertically rotatable, indicated in degrees		Cutting length Indicated by the cutting marks
	Multiple connection Daisychain connectivity		LED pitch Pitch between the LEDs in millimeters
	Installation depth In centimeters		Power supply In VDC, VAC or milliAmpere
	Installation size In centimeters		Power consumption In VA or Watt
	Cable length Maximum cable attached to the fixture in centimeters		Dimmable 1-10 Volt, Phase, individual, DMX dimmable or DALI
	Driver Inclusive or exclusive internal or external		PWM dimming Traditional PWM dimming, DMX analog or DMX Hybrid dim
	Weight In grams/kilograms		Bluetooth controlled By Casambi
	Pressure Maximum pressure on the fixture in kg/cm²		Magneo dimming Accurate dimming from 100 - 1% by using a magnet
	Lifespan Of the light source in hours		Dynamic Control Dynamic Power Control or Dynamic Temperature Control
	Lenses Available lenses, indicated in degrees		DMX input Fixture works on DMX512 protocol or Wireless DMX
	Performance Zoom Adjustable beam angle		Combined product Compose your own fixture
	LEDs Kind of LED used in the fixture		Warranty 3 or 5 years warranty on the product
	Plug & play Easy connection using the SmartConnect system		Conformité Européenne CE marking for free marketability of industrial goods within the EU
	IP value Ingress Protection classifies the degrees of protection provided against the intrusion of the product		Energy label
	Colour changing RGB, RGB-W, RGB-A, AWB or Tunable White		Lightsource Equipped with a CLS, Bridgelux or Xicato LED module