CLS FOCUS GIII TRACK SERIES

Manual   V1.2 - May 2024

CLS

INDEX

SAFETY INFORMATION

Do not stare into the LED

Ambiance Max. 40°

Qualified technician

Disconnect the power supply before installing or maintaining

Make sure all connectors are connected properly

Use a source of AC power that complies to local electrical codes

Block access below the work area when maintaining the unit

Don't modify or install genuine parts on this product

Don't install in a flammable or explosive area

Warning! Some surfaces can be hot

CONTENT

Focus GIII T DMX   Focus GIII 230V In track - Global   Focus GIII 230V On track - Global

MANUAL

Y106415
CLS Focus GIII accessory holder

Ceiling   350°   90°   DRIVER EXCLUDED   DRIVER EXTERNAL   DRIVER INCLUDED   DRIVER INTERNAL   Various Weights   50.000 h   10° - 70°   1 x high power   IP20   2700K CRI=95   3000K CRI=95   3500K CRI=95   4000K CRI=95

24 VDC   100-240 VAC   Max. 7 Watt   DALI   CAS&MBI   1 - 100%   DMX 512   YEARS WARRANTY 3   CE   A

Focus GIII In Track

Non dim : 228 mm
Casambi / DALI : 253 mm

360°

32 mm

Put in Spot to reveal tilt lock

85 mm

ø 34 mm

min: 93 mm
max: 109 mm

90°
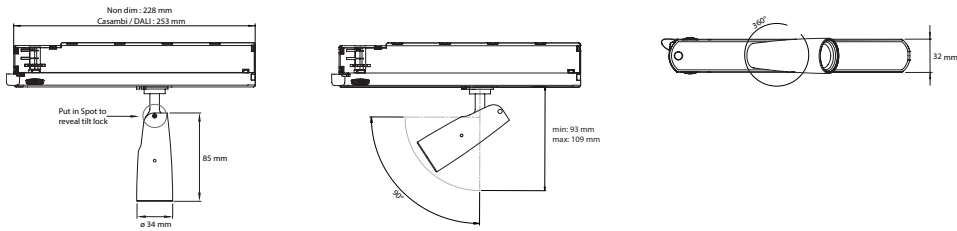
Focus GIII Track Stucchi

ø 34 mm

90°

85 mm

min: 93 mm
max: 109 mm

98 mm

360°
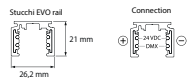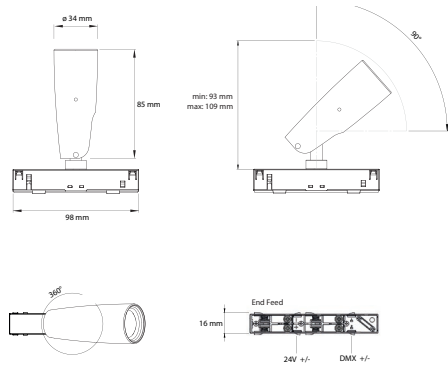
Focus GIII On Track Magno

107 mm

65 mm

min: 93 mm
max: 109 mm

90°

85 mm

ø 34 mm

End Feed

16 mm

24V +/-   DMX +/-

Stucchi EVO rail   Connection

21 mm   24VDC
                   DMX

26,2 mm
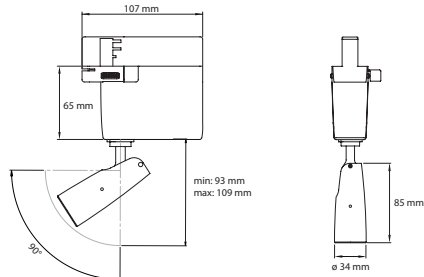
### SPECIFICATIONS

LED:	1 x High Power LED
Available colours:	CRI=95: 2700K, 3000K, 3500K or 4000K
Beam angle:	10° to 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

Tools

1,5
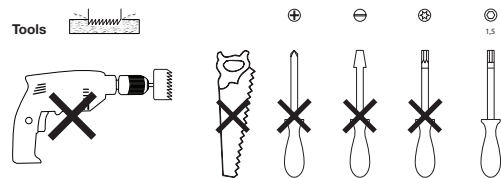
! Note: When plugging or unplugging the fixtures, there must be no power on the rail !

1

OFF
ON

2

CLICK!

✔   ✗

3

360°

Swivel
0° - 90°

4
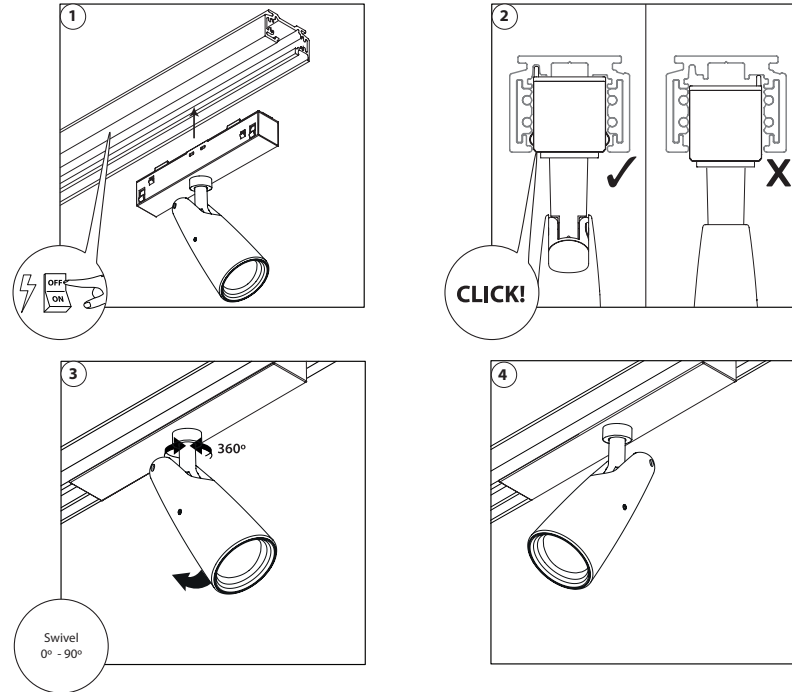
! Note: on a total of 20 meter rail (consecutive), max. 20 pieces can be placed of the Focus GIII Track !

PROGRAMMING TABLE

DMX	Function	Data	Parameters	Description
CH1	Set address 001 to 255	0	0 = no change	Use this DMX channel to set address from 001 to 255.
		1…255	DMX address = 1…255	The configured DMX address is called "n"
CH2	Set address 256 to 508	0	no change	Use this DMX channel to set address from 256 to 508.
		1…255	DMX address = 256…508	The configured DMX address is called "n"
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	Dynamic Soft dim	0	no change	Dynamic Soft dim (default) adjusts its dimming curve to the speed at which you move the DMX slider. Dynamic Soft dim (deprecated) will interpolate between the DMX values. This function makes the dim curve smoother
		1	Dynamic Soft dim (default)	
		2	Dynamic Soft dim (deprecated)	
		3	Static Soft dim	
		4	Soft dim disabled	
CH5	Static Output	0	no change	Each output channel can be set to a static intensity
			Output off	
		1…255	Intensity 1…255	
CH14	Load default settings	0	no change	This function resets all settings to the Factory setting. Check Factory setting table.
		1	Load Factory settings	

PROGRAMMING STUCCHI

DMX Control
The Focus GIII 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.
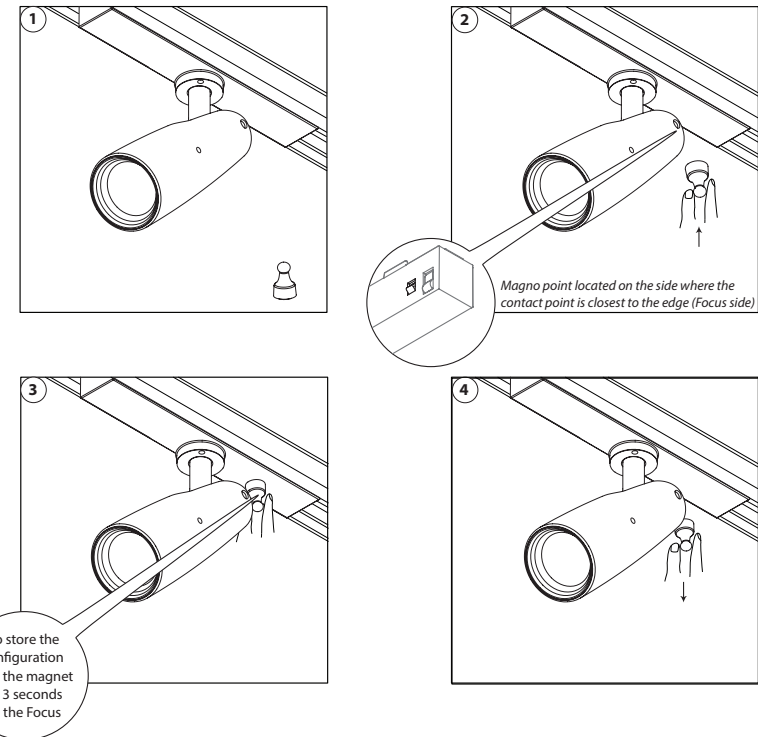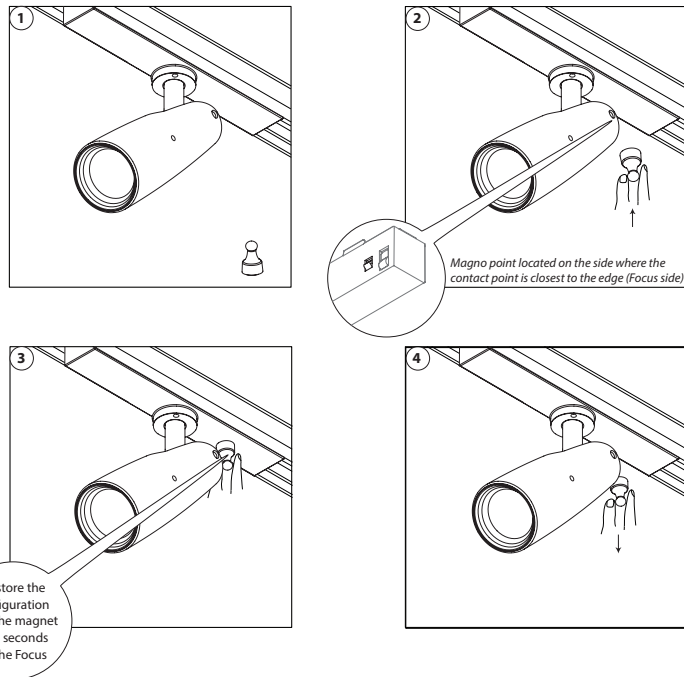
Dynamic Soft dim (deprecated)
An extra channel added and interpolates between the DMX values. This function makes the dim curve smoother.

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.

Magno point located on the side where the contact point is closest to the edge (Focus side)

To store the configuration hold the magnet for 3 seconds on the Focus

Configuration
Via DMX the Focus GIII 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 3), 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.

MAGNO DIMMING STUCCHI
Works without DMX

Magno point located on the side where the contact point is closest to the edge (Focus side)

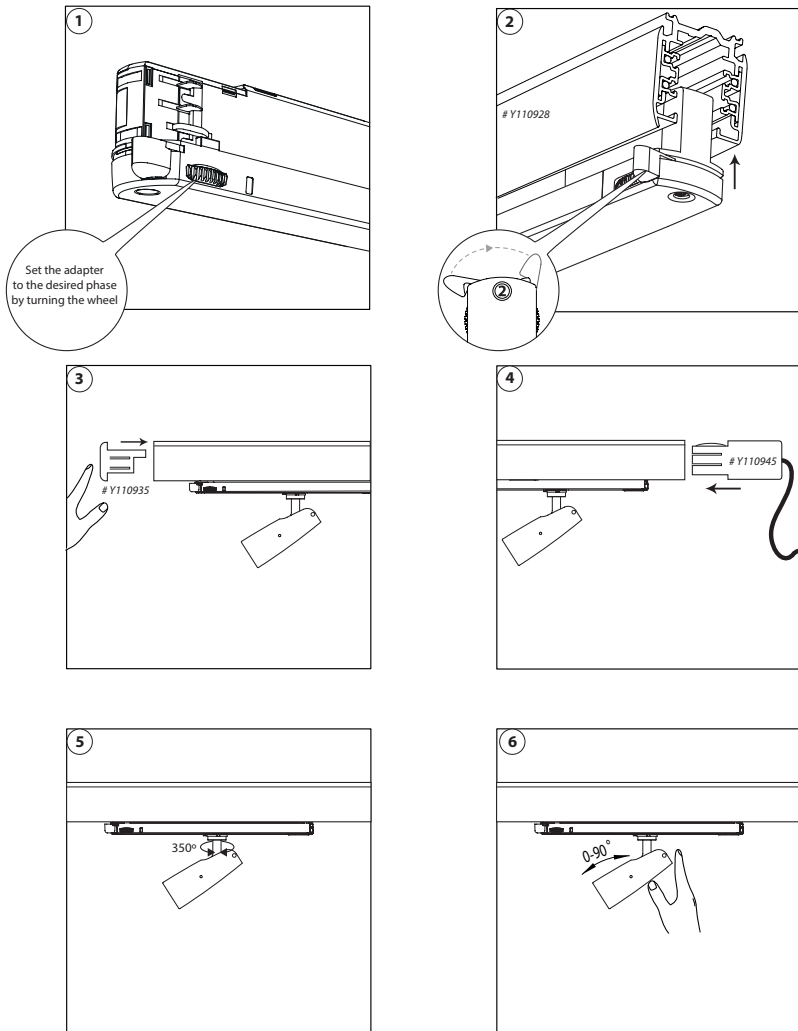To store the configuration hold the magnet for 3 seconds on the Focus

Without DMX the intensity of the Focus GIII can be adjusted with the Magno function. The intensity range is 0.01% - 100%.
Simply place the magnet on the correct location and the Focus GIII will start to decrease the intensity.
Removing the magnet for a short period will change the dimming direction, this step can be repeated to get the desired intensity.

When the magnet is removed for 5 seconds the intensity is stored in the internal memory. The Focus GIII will turn off for a short period and returns to the configured intensity. From now on when power is applied and no DMX is present the Focus GIII will be set to the configured intensity.

1

Set the adapter to the desired phase by turning the wheel

2

Y110928

3

Y110935

4

# Y110945

5

350°

6

0-90°

! 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_controlsystem_EN.pdf

1

2

3

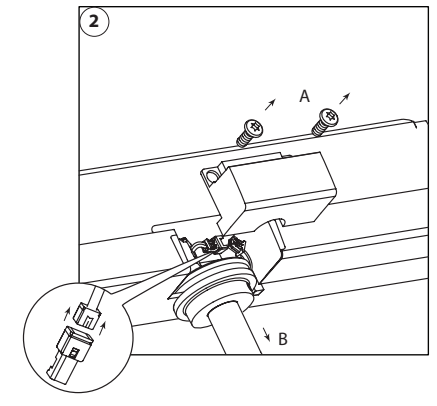To get the desired intensity level, hold the magnet on the adapter

4
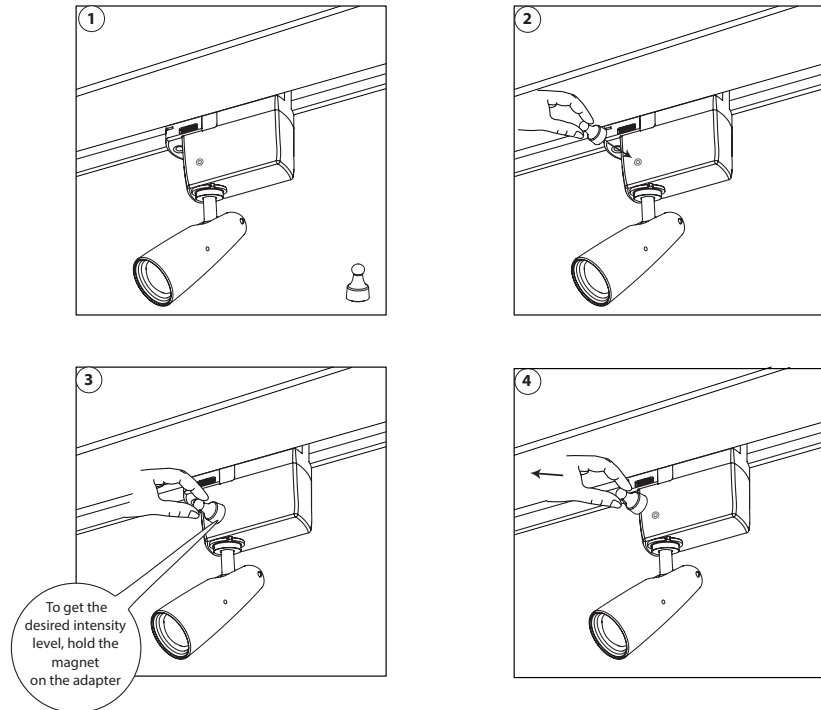
1. Place the magnet on the bulseye, located on the side of the adapter.

2. The Focus GIII 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 T GIII flashes one time, the value has been stored on the internal memory.

5. When powering up the Focus T GIII, 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 T GIII dims further to lower levels.
To store the new setting repeat step 3 – 5.

7. If the Focus GIII 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 %.

1

2

1,5

A   B

3

B

53144-100
53144-300

Y106412-X
Y106413-X

A

A + B

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

4

B   A

1,5

1

1,5

A   B

2

A

B

3

B

53144-100
53144-300

Y106412-X
Y106413-X

A

A + B

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

4

B

A

5

B   A

1,5
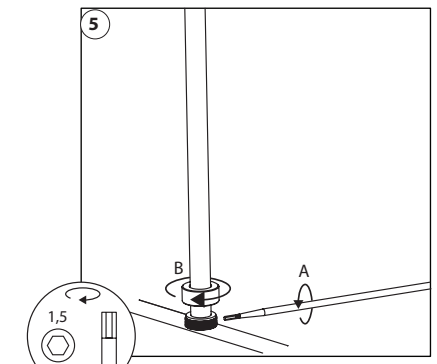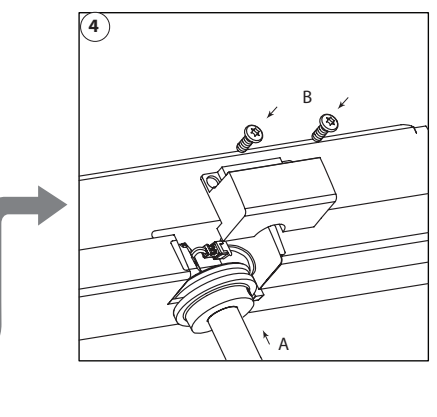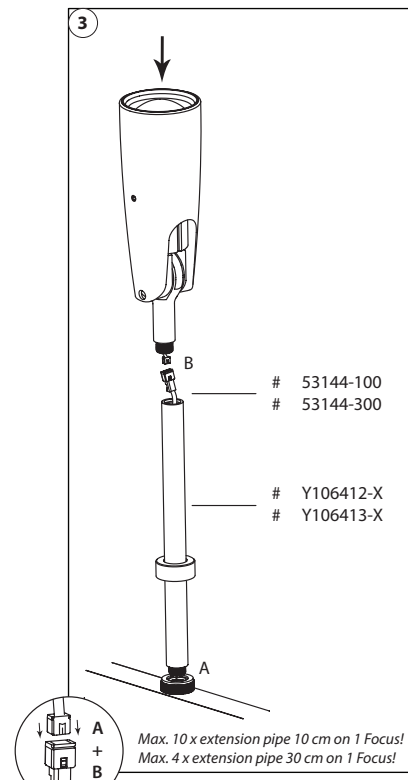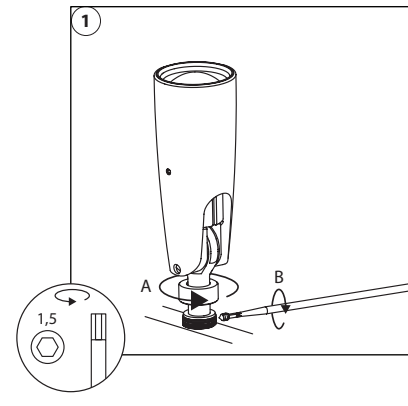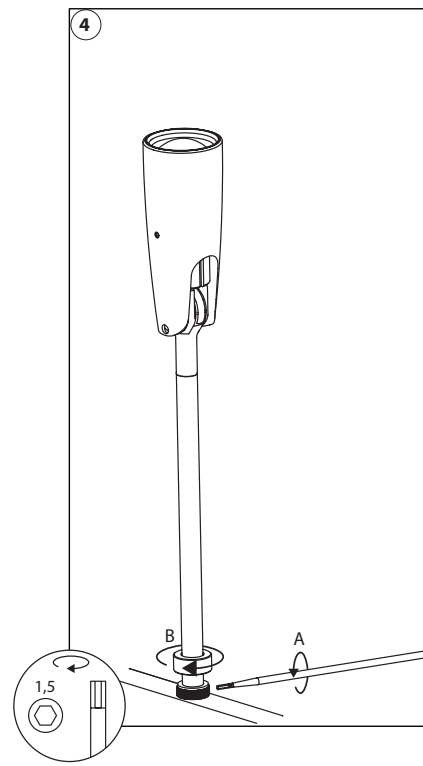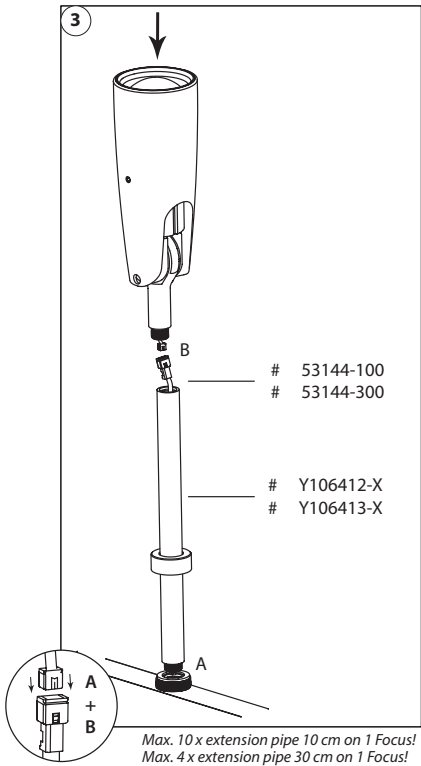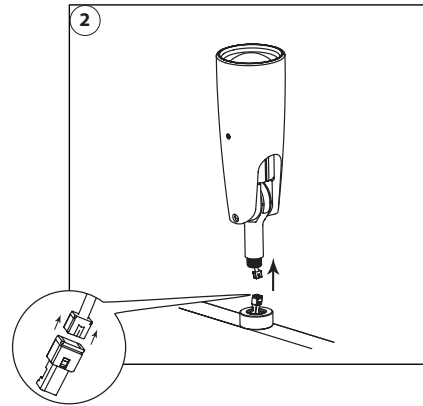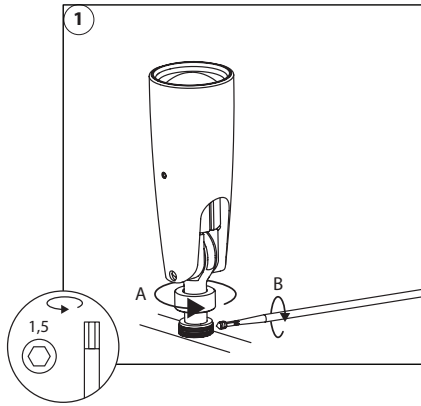
ACCESSORIES Global

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 end piece for 3-phase rail grey XTS 41
Y110938	CLS 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-faserail, ground left
Y110955	CLS L-connector grey for 3-faserail, 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
Y111910-B	CLS Stucchi multisystem 1-phase adapter 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 wcoverplate 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 1-fase rail white colour also available

ACCESSORIES

Y106017	CLS Magnet pin (5 pieces)
Y106410	CLS Focus GIII filter holder set
Y106411	CLS Focus GIII oval beam filter
Y106412-B	CLS Focus GIII extension pipe 10 cm black
Y106412-W	CLS Focus GIII extension pipe 10 cm white
Y106413-B	CLS Focus GIII extension pipe 30 cm black
Y106413-W	CLS Focus GIII 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

Protection class
One, two or three

Application area
Indoor or outdoor

Application area
Floor, wall or ceiling

Swivel
Fixture is horizontally rotatable, indicated in degrees

Swivel
Fixture is vertically rotatable, indicated in degrees

Multiple connection
Daisychain connectivity

Installation depth
In centimeters

Installation size
In centimeters

Cable length
Maximum cable attached to the fixture in centimeters

Driver
Inclusive or exclusive
Internal or external

DRIVER INCLUDED   DRIVER EXTERNAL

Weight
In grams/kilograms

Pressure
Maximum pressure on the fixture in kg/cm²

Lifespan
Of the light source in hours

Lenses
Availble lenses, indicated in degrees

Performance Zoom
Adjustable beam angle

LEDs
Kind of LED used in the fixture

Plug & play
Easy connection using the SmartConnect system

IP value
Ingress Protection classifies the degrees of protection provided against the intrusion of the product

Colour changing
RGB, RGB-W, RGB-A, AWB or Tunable White

Retail & Food LED modules
Clothing, furniture, kitchens, jewellery, shoes, bread, meat, fish and vegetables & fruit.

Colour
Available colours;
Amber, blue, red or green

White colour temperature
In different Kelvin values;
Cold white, neutral white, warm white or extra warm white

Curve
Minimal bending curve in centimeters

Cutting length
Indicated by the cutting marks

LED pitch
Pitch between the LEDs in millimeters

Power supply
In VDC, VAC or milliAmpere

Power consumption
In VA or Watt

Dimmable
1-10 Volt, Phase, individual, DMX dimmable or DALI

PWM DIM   DMX DIM   DMX DIM

PWM dimming
Traditional PWM dimming, DMX analog or DMX Hybrid dim

Bluetooth controlled
By Casambi

Magno dimming
Accurate dimming from 100 - 1% by using a magnet

DYNAMIC POWER CONTROL   DYNAMIC TEMPERATURE CONTROL

Dynamic Control
Dynamic Power Control or Dynamic Temperature Control

DMX 512   DMX

DMX input
Fixture works on DMX512 protocol or Wireless DMX

Combined product
Compose your own fixture

Warranty
3 or 5 years warranty on the product

Conformité Européenne
CE marking for free marketability of industrial goods within the EU

Energy label

Lightsource
Equipped with a CLS, Bridgelux or a Xicato LED module