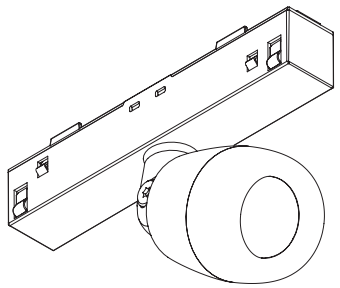
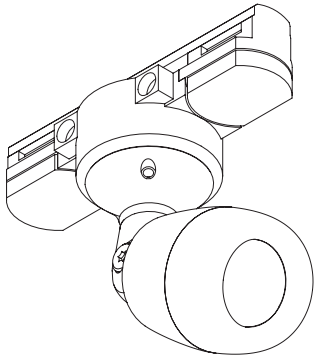
CLS FOCUS COMPACT GII T DMX

Manual V3.0 - April 2022

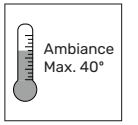


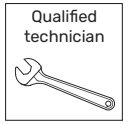


58050-FC3

INDEX

SAFETY INFORMATION





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

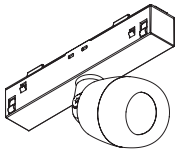
Block access below the work area when maintaining the unit

Don't modify or install genuine parts on this product

Don't install in a flammable or explosive area

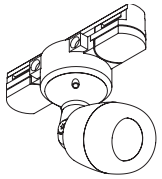
Warning! Some surfaces can be hot

CONTENT



Focus Compact T DMX - Stucchi

OR



Focus Compact T DMX - Eutrac

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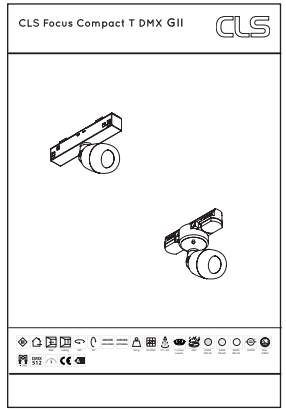
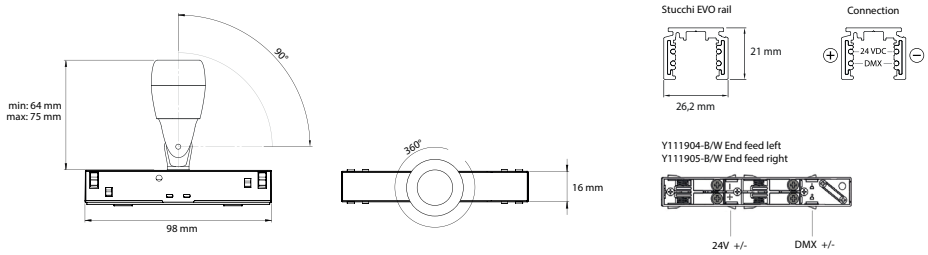
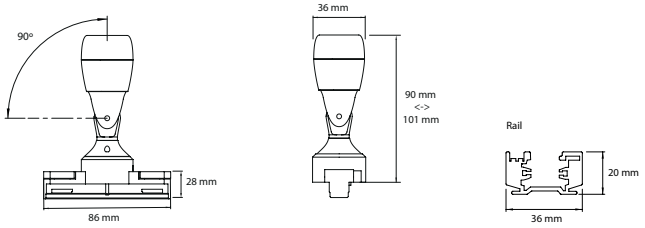


TECHNICAL

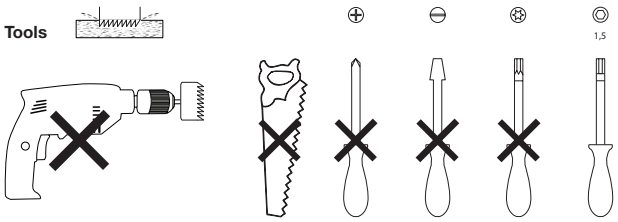
Focus Compact T DMX Stucchi



Focus Compact T DMX Eutrac



Tools

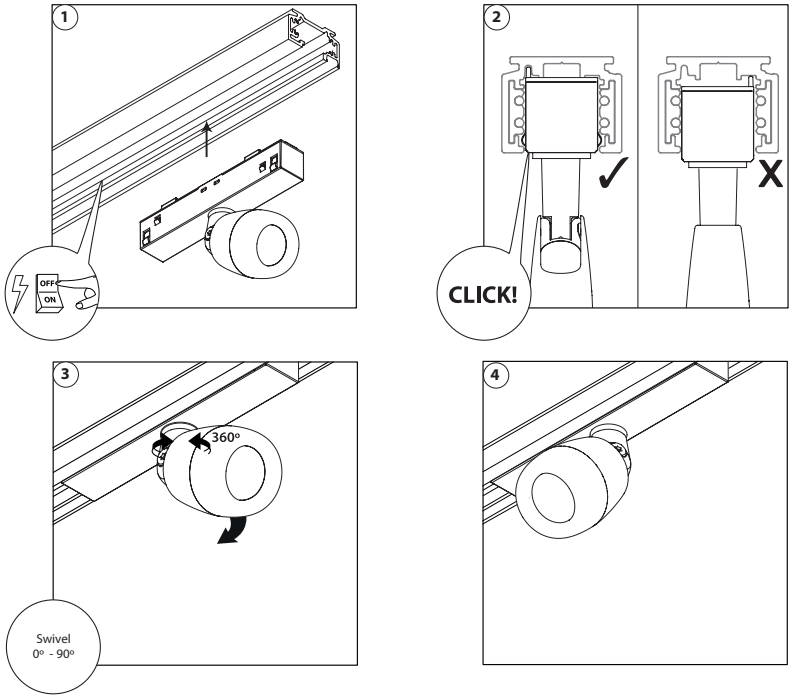


SPECIFICATIONS

LED:	1 x High Power LED
Available colours:	CRI≈95: 2700K, 3000K, 4000K
Beam angle:	13° to 65°
Power supply:	24 VDC
Power consumption:	Max. 4 Watt
Housing:	Black aluminum brushed
Weight:	160 gr
IP value:	IP20
Measurements:	125 x 86 x 36 mm (hxwxd)
Ambient temperature:	-10° C till +40° C

INSTALLATION STUCCHI

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



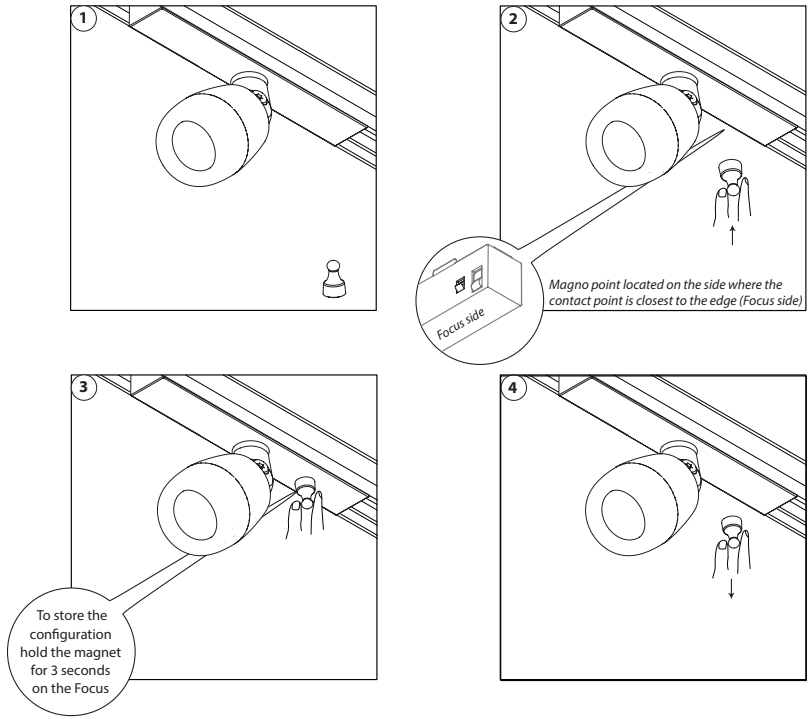
! Note: on a total of 20 meter rail (consecutive), max. 25 pieces can be placed of the Focus Compact Track **!**

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. The configured DMX address is called “n”
		1...255	DMX address = 1...255	
CH2	Set address 256 to 508	0	no change	Use this DMX channel to set address from 256 to 508. The configured DMX address is called “n”
		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	Dynamic Soft dim	0	no change	Dynamic Soft dim will interpolate between the DMX values. This function makes the dim curve smoother
		1	off	
		2	on	
CH5	Static Output	0	no change	Each output channel can be set to an 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 Compact T DMX is controlled with 1 DMX channel. To get the best dimming resolution the "Dynamic Softdim" can be configured. An extra channel added & controls the fade speed, where value 0 stand for no extra delay and 1-255 will add extra delay to the fade.

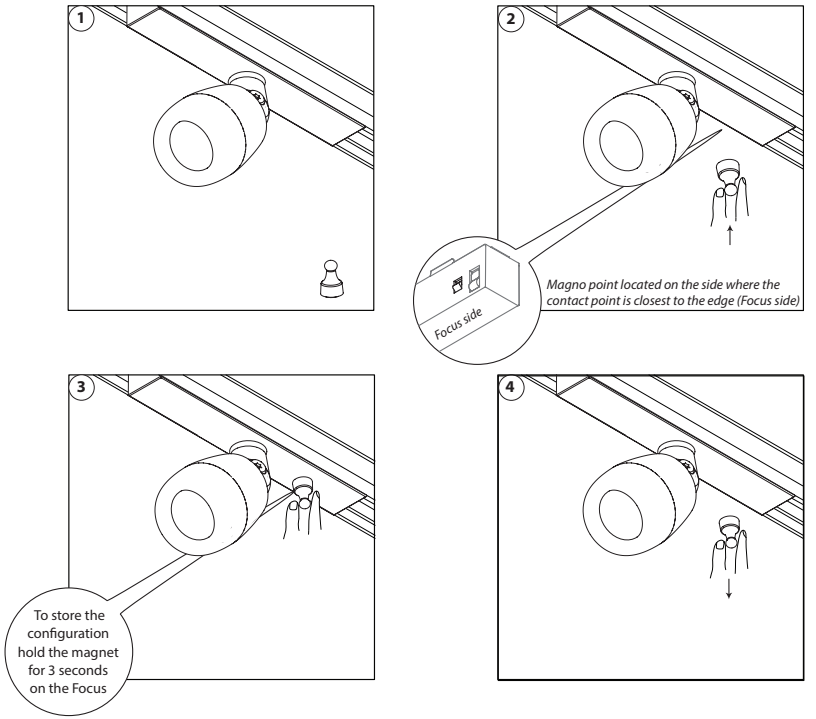


Configuration

Via DMX the Focus Compact 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

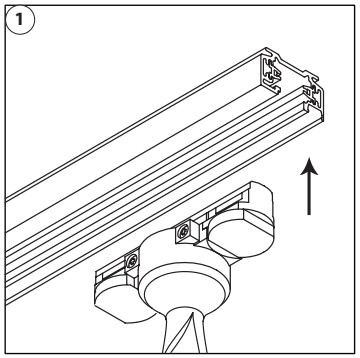
Works without DMX

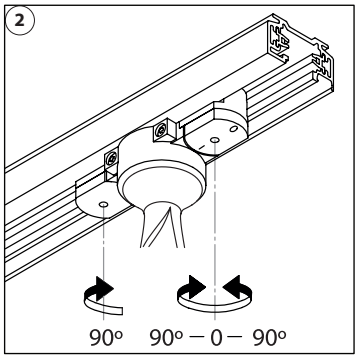


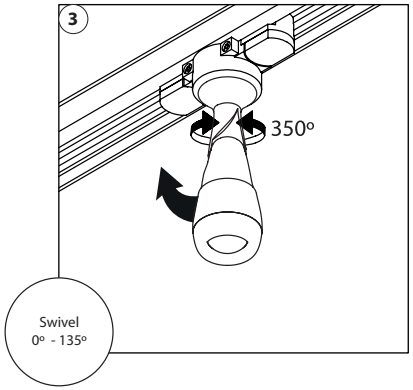
Without DMX the intensity of the Focus Compact can be adjusted with the Magno function. The intensity range is 0.01% - 100%. Simply place the magnet on the correct location and the Focus Micro will start to decrease the intensity.
Removing the magnet for a short period will change the dimming direction,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

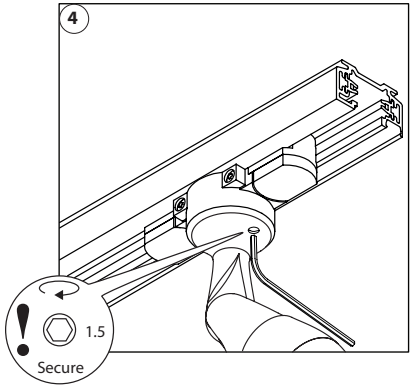
When the magnet is removed for 5 seconds the intensity is stored in the internal memory. The Focus Micro will turn off for a short period and returns to the configured intensity. From now on when power is applied and no DMX is present the Focus Micro will be set to the configured intensity.

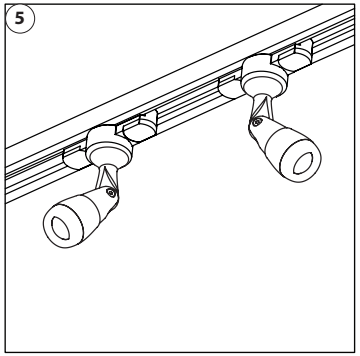
INSTALLATION EUTRAC



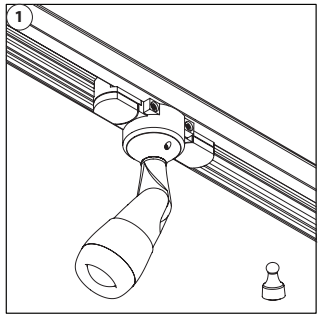


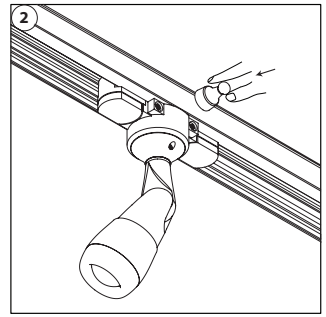


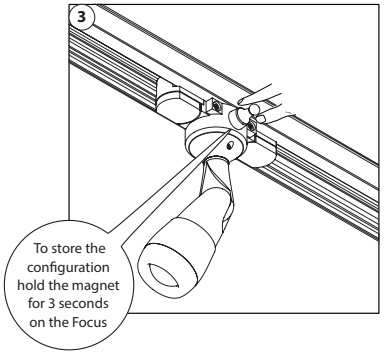


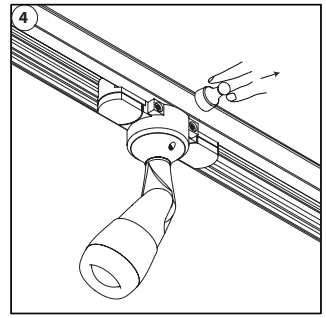


PROGRAMMING EUTRAC









Via DMX the Focus Compact can be configured. After setting the DMX to the desired values just hold the magnet on the Focus adapter (between the 2 screws). 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 turn off again. When the light does not turn off after 3 seconds repower and try again.

Addressing
Configure address (1-255) set data on DMX channel 1:
0 = no changes are made.
1-255 = address is set to 1-255.

Configure address (256-508) set data on DMX channel 2:
0 = no changes are made.
1-253 = address is set to 256-508.

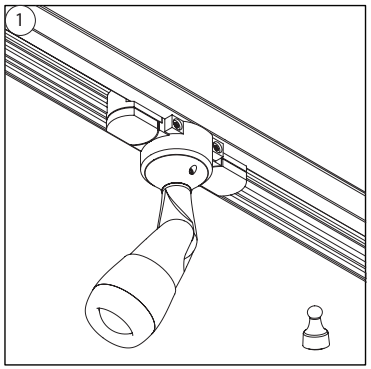
Examples:
Address 132 => set data 132 on DMX channel 1.
Address 278 => set data 23 on DMX channel 2.

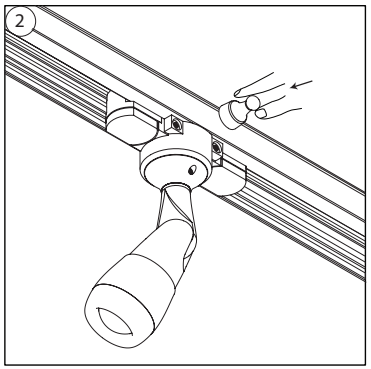
Soft dim option
When active the Focus will have soft dim curve.
To configure the soft dim function, set data on DMX channel 4
0 = no changes are made.
<127 = function turned off.
>127 = function turned on.

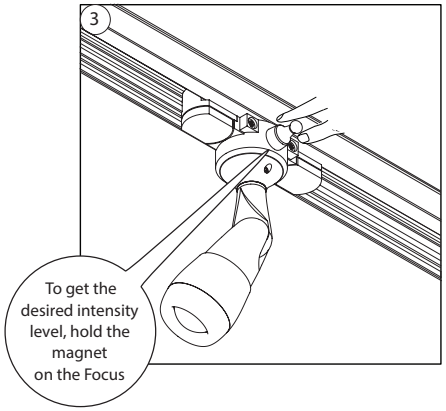
Static brightness
When DMX fails / is not present, programmed brightness will become active.
To configure the static function, set DMX channel 3 to the desired brightness.
0 = no changes are made.
1 = function disabled.
2-255 = brightness of the fixture.

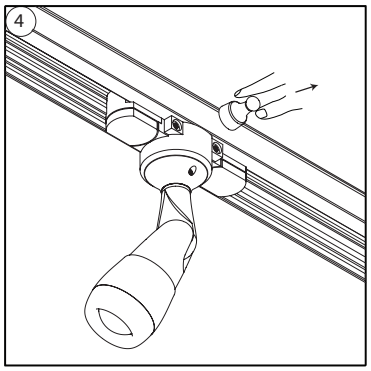
MAGNO DIMMING EUTRAC

Works without DMX









1. Place the magnet at the center between the 2 screws.

2. The focus 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 flashes one time, the value has been stored on the internal memory.

5. When powering up the Focus, the stored value will be recalled from the internal memory.

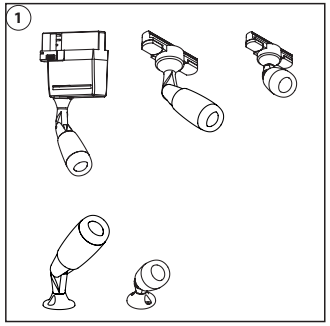
6. If you want to have a lower value, replace the magnet and the Focus dims further to lower levels.
To store the new setting repeat step 3 – 5.

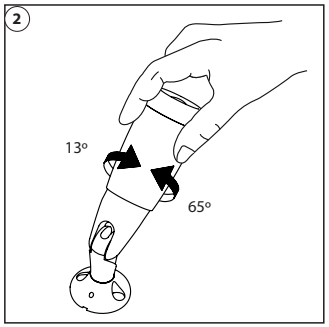
7. If the Focus is being dimmed to Level 0 and you have not programmed a value, it will automatically start at Level 100 and dim back from 100 - 1 %.

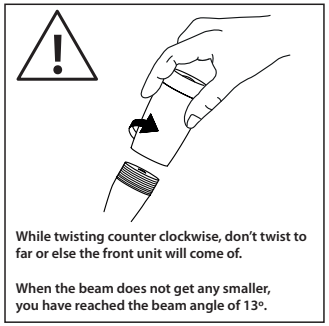
ZOOM FUNCTION

Twist system

Applied on the black Focus





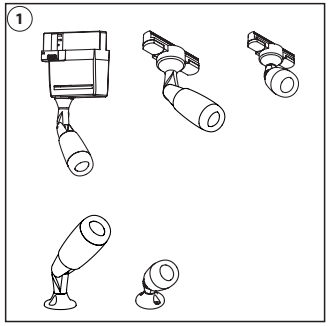


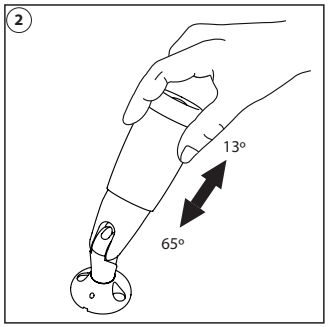
While twisting counter clockwise, don't twist to far or else the front unit will come of.

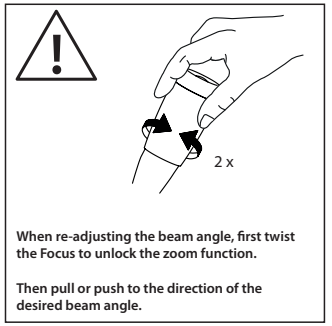
When the beam does not get any smaller, you have reached the beam angle of 13°.

Pull & Push system

Applied on the white Focus







When re-adjusting the beam angle, first twist the Focus to unlock the zoom function.

Then pull or push to the direction of the desired beam angle.

ACCESSORIES

ACCESSORIES	
Y106012	CLS Focus snoot GII half cut black
Y106013	CLS Focus snoot GII half cut white
Y106014	CLS Focus snoot GII black
Y106017	CLS Magnet pin (5 pieces)

ACCESSORIES Eutrac	
Y110802	CLS 1-fase rail + data 1 meter black
Y110812	CLS 1-fase rail + data 2 meter black
Y110822	CLS 1-fase rail + data 3 meter black
Y110822-**	CLS 1-fase rail + data, other colors on request
Y110838	CLS 1-fase rail + data mid-rail feed black
Y110839	CLS 1-fase rail + data mid feed i-coupler black
Y110840	CLS 1-fase rail + data end feed right black
Y110841	CLS 1-fase rail + data end feed left black
Y110842	CLS 1-fase rail + data end cap black
Y110843	CLS 1-fase rail + data I-coupler PE outside black
Y110844	CLS 1-fase rail + data I-coupler PE inside black
Y110845	CLS 1-fase rail + data T-coupler PE inside black
Y110846	CLS 1-fase rail + data T-coupler PE inside left black
Y110847	CLS 1-fase rail + data coupler black
Y110850	CLS 1-fase rail + data X-coupler black
Y110851	CLS 1-fase rail + data Flex-coupler black
Y110854-**	CLS 1-fase rail + data, other colors on request

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 opbouw 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
Y111920-XX	CLS Stucchi multisystem 1-fase rail white colour on request

LIST OF SYMBOLS

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

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 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 Control
Dynamic Power Control or Dynamic Temperature Control

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, Citizen or a Xicato LED module