CLS FOCUS T DMX

Manual

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 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

Wall Ceiling 350° 135° Driver excl. 220 gr 50.000 h 15° - 65° 1 x Cree/Luxeon IP20 4000K CRI>85 3000K CRI>95 3000K CRI>85 2700K CRI>85 24 VDC Max. 4 Watt

1 - 100% DMX dimmable DMX 512 YEARS WARRANTY 3 CE

DMX dimmable

135°

36 mm

143 mm <-> 154 mm

28 mm

Rail

20 mm

86 mm

36 mm

Tools
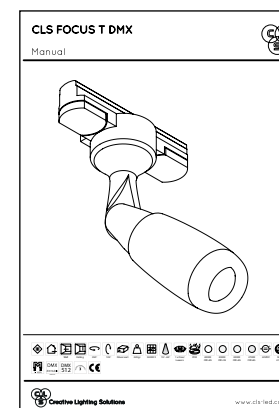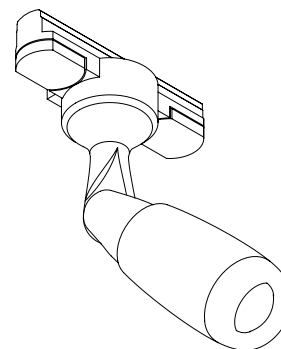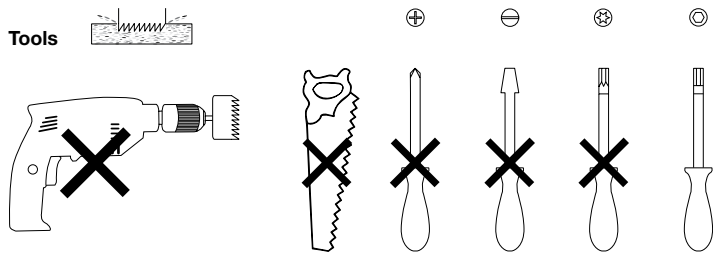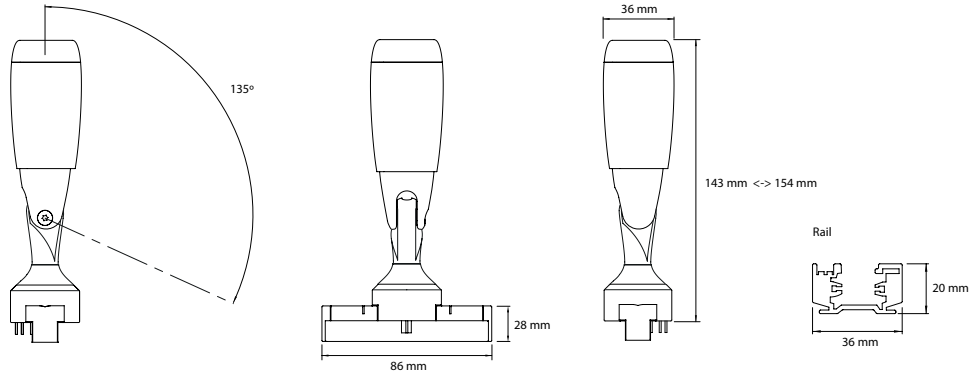
SPECIFICATIONS

LED:	1 x Luxeon / Cree
Available colours:	CRI>85: 2700K, 3000K, 4000K
	CRI>95: 3000K
Beam angle:	15° to 65°
Power supply:	24 VDC
Power consumption:	Max. 4 Watt
Housing:	Black aluminum brushed
Weight:	220 gr
IP value:	IP20
Measurements:	143 x 86 x 36 mm (hxwxd)
Ambient temperature:	-10° C till +40° C

ACCESSORIES

|	
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

1

2

90°   90° — 0 — 90°
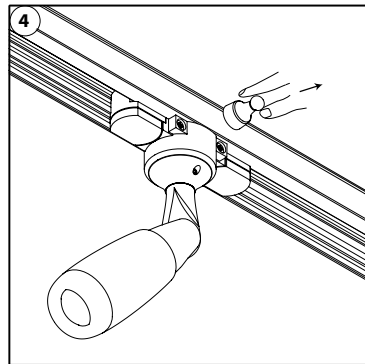
3

350°

Swivel
0° - 135°

4

!   1.5

Secure

4
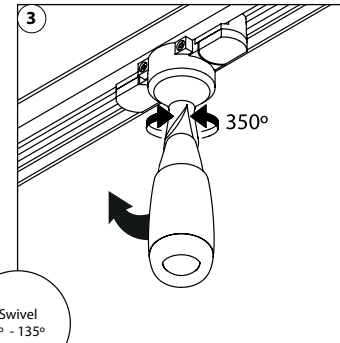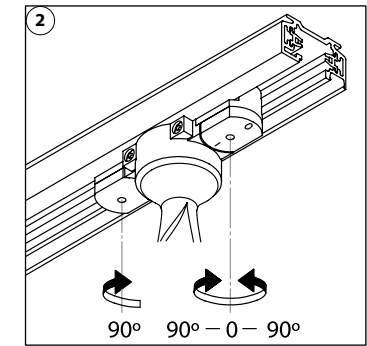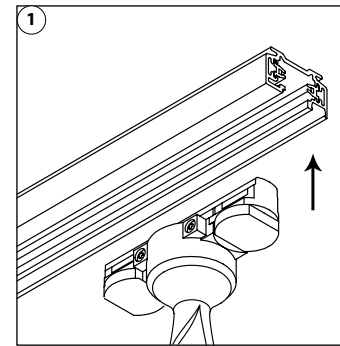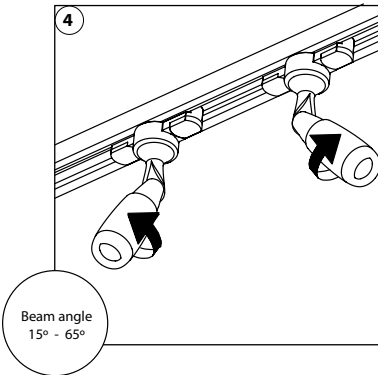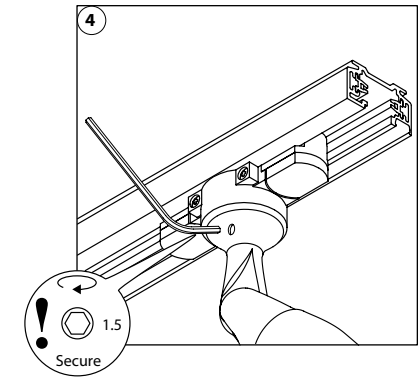
Beam angle
15° - 65°
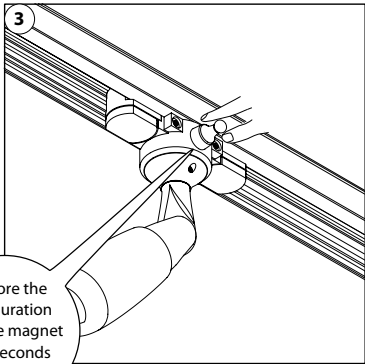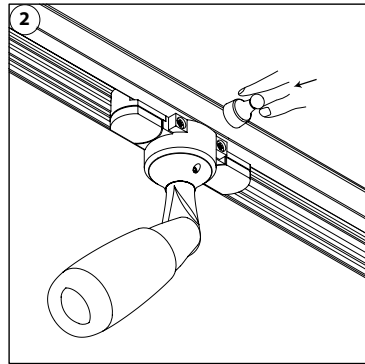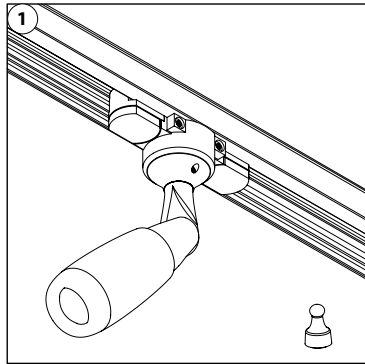
To store the configuration hold the magnet for 3 seconds on the Focus

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

To configure address (256-510) set data on DMX channel 2:
0 = no changes are made.
1-255 = address is set to 256-510.

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

Static brightness
When DMX fails or is not present the 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.

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.
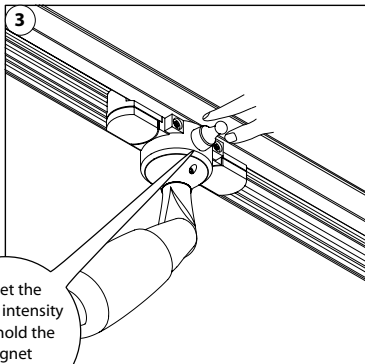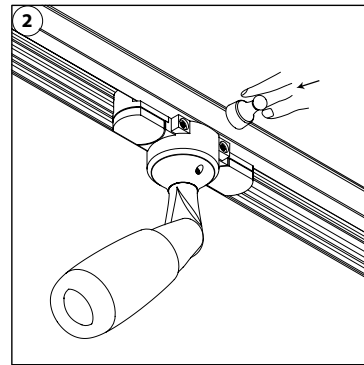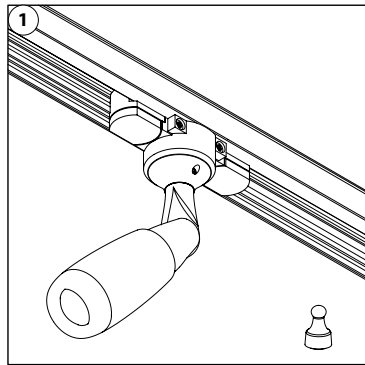<127 = function turned off.
>127 = function turned on.

To get the desired intensity level, hold the magnet on the Focus
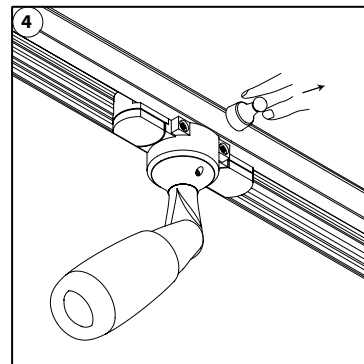
1. Place the magnet at the center between the 2 screws.

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 %.

Protection class
One, two or three

Application area
Indoor or outdoor
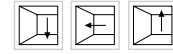
Application area
Floor, wall or ceiling

Swivel
Fixture is horizontally rotatable, indicated in degrees
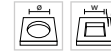
Swivel
Fixture is vertically rotatable, indicated in degrees

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

Weight
In grams/kilograms

Pressure
Maximum pressure on the fixture in kg/cm^2

Lifespan
Of the light source in hours

Lenses
Availble lenses, indicated in degrees

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
Available colours; Amber, blue, red or green

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

Colour changing
RGB, RGB-W or RGB-A
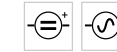
Dynamic White
Stepless control of white light

Curve
Minimal bending curve in centimeters

Cutting length
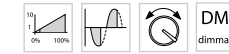Indicated by the cutting marks

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 or DMX dimmable

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

DMX input
Fixture works on DMX512 protocol

Combined product
Compose your own fixture

Warranty
3 years warranty on the product

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

Energy label