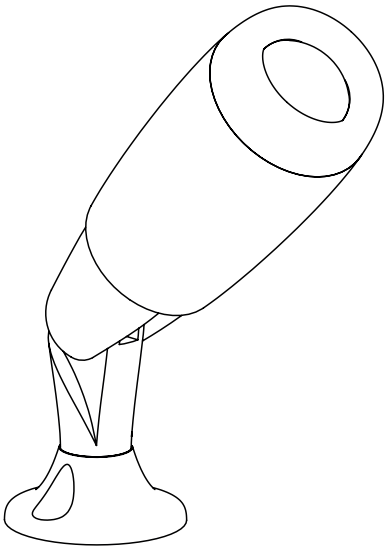


Index	2	Extension pipe assembly	5	Wiring diagram DALI dim drivers	14
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58050-F1-HP





4000K
CRI=95

Max.
700mA

Max.
6 Watt

1-10V
dimmable

Phase
dimmable

DMX
dimmable

DALI

CASAMBI

3
YEARS
WARRANTY

CE

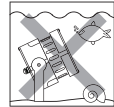
A+

SAFETY INFORMATION



Always switch off mains power of the driver before connecting or maintaining any fixtures!

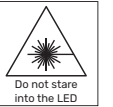
Make sure all connectors are connected properly



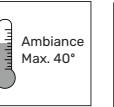
Use a source of AC power that complies to local electrical codes



Block access below the work area when maintaining the unit



Do not stare into the LED



Ambiance
Max. 40°



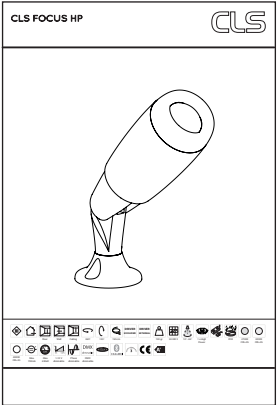
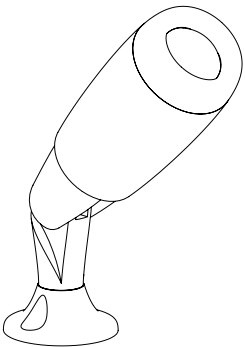
Qualified technician

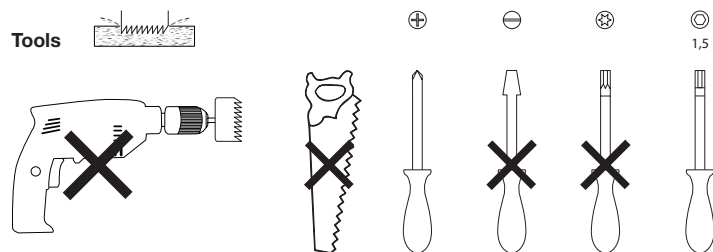
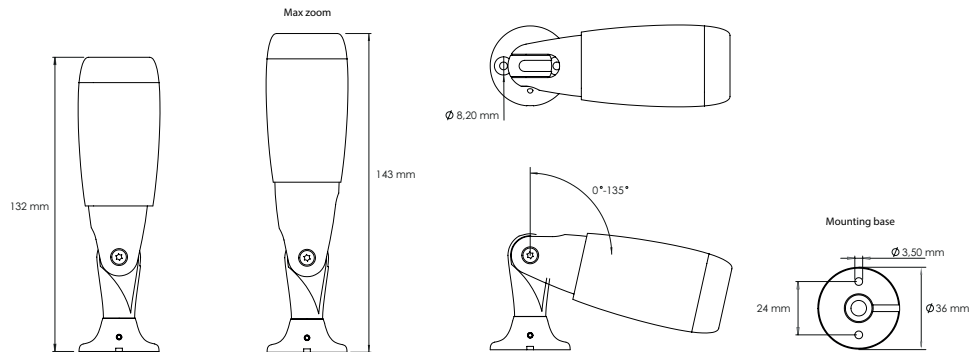
Don't modify or install genuine parts on this product

Don't install in a flammable or explosive area

Warning!
Some surfaces can be hot

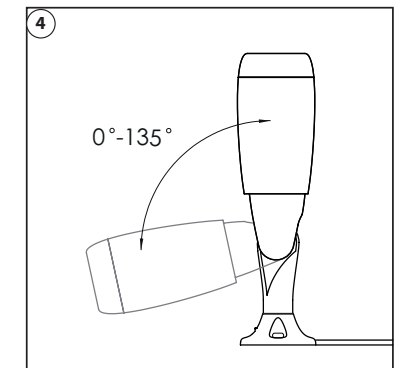
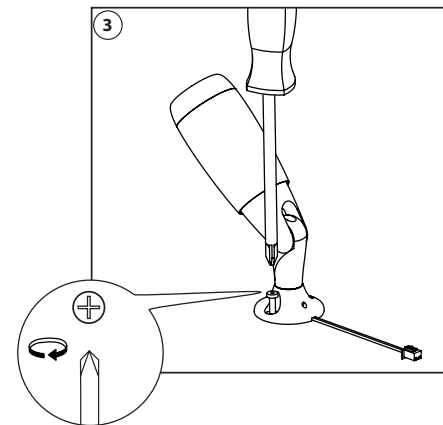
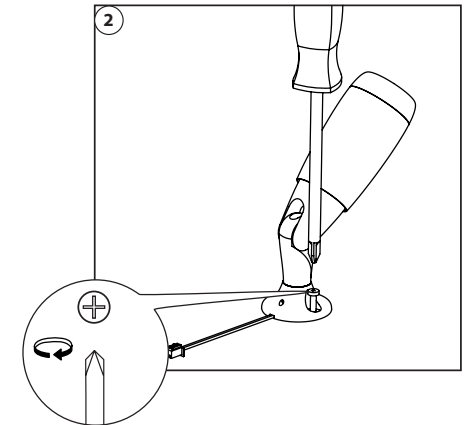
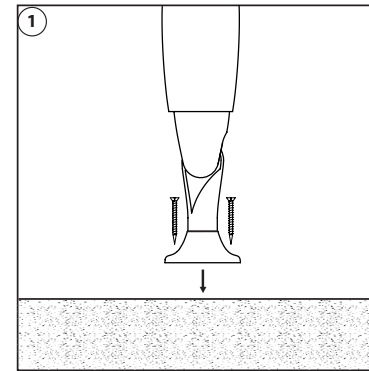
CONTENT



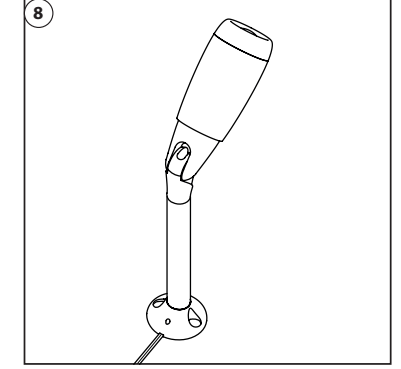
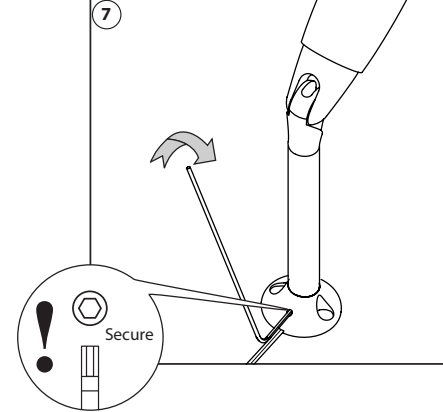
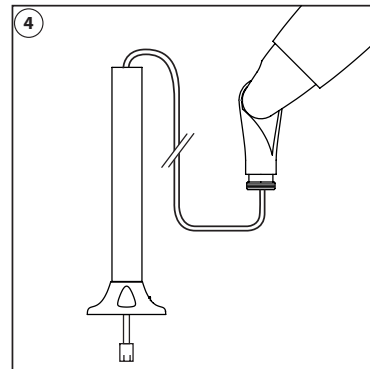
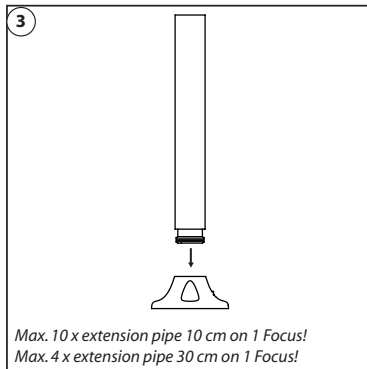
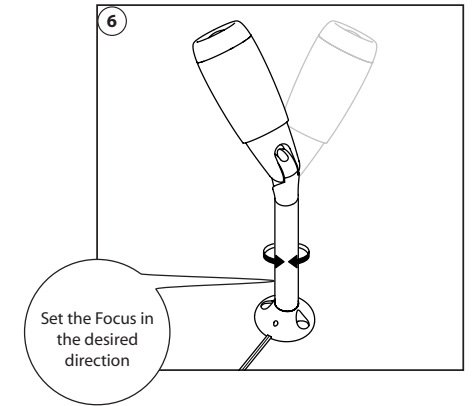
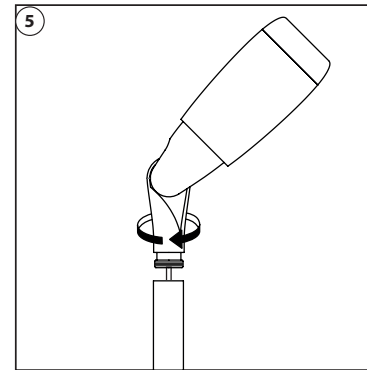
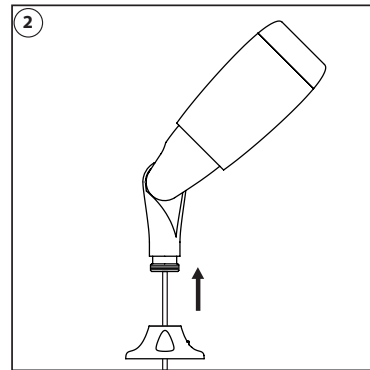
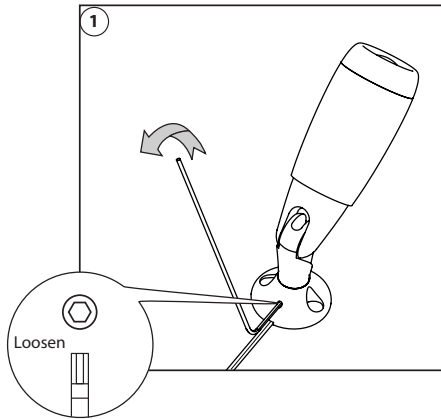


SPECIFICATIONS

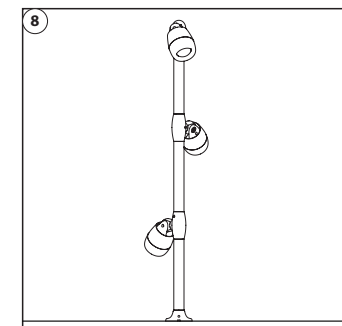
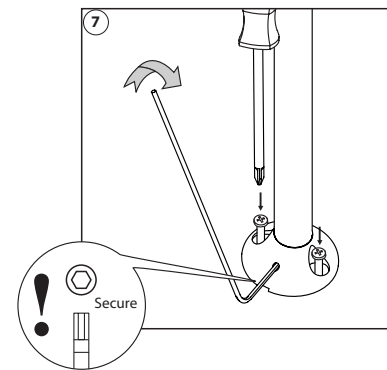
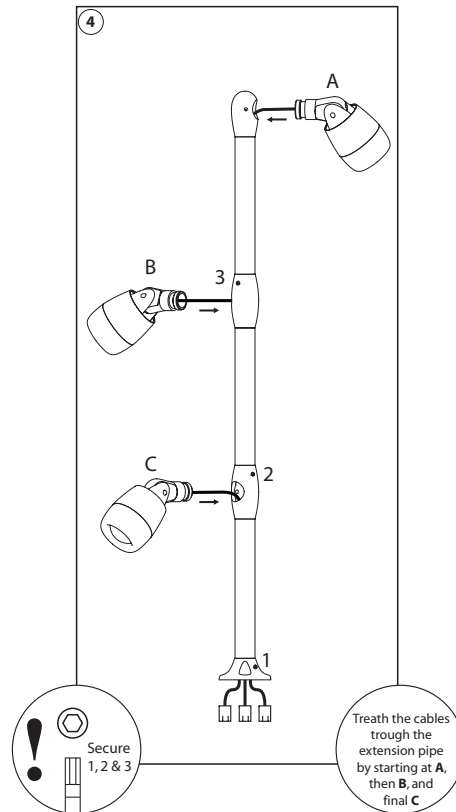
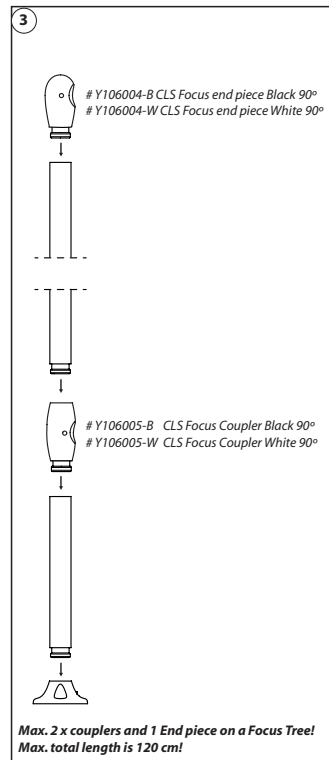
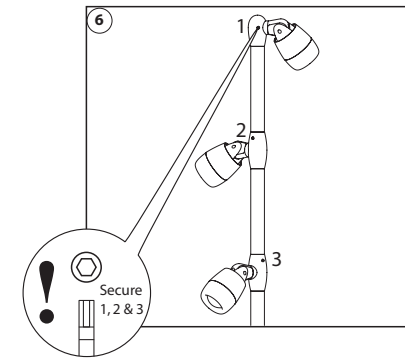
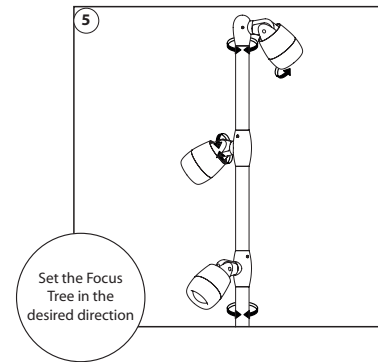
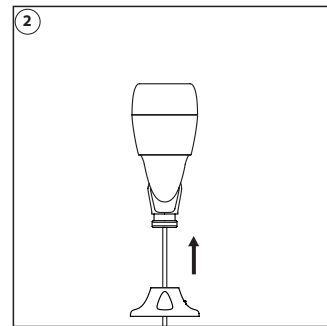
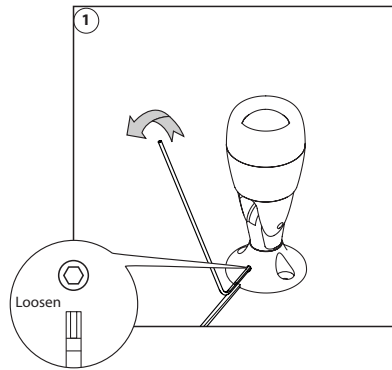
LED:	1 x High Power LED
Available colours:	CRI=95: 2700K, 3000K & 4000K
Beam angle:	13° to 65°
Power supply:	Max. 700mA
Power consumption:	Max. 6 Watt
Housing:	Black anodised aluminum or white coated
Weight:	190 gr
IP value:	IP20
Cable length:	150 centimeter
Measurements:	ø 36 x 132 mm (øxh)
Ambient temperature:	-10° C till +40° C



EXTENSION PIPE ASSEMBLY



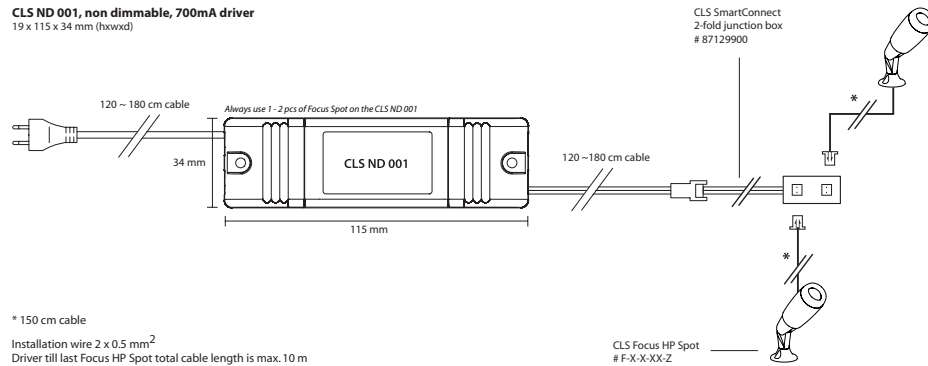
FOCUS TREE



WIRING DIAGRAM NON DIM DRIVERS

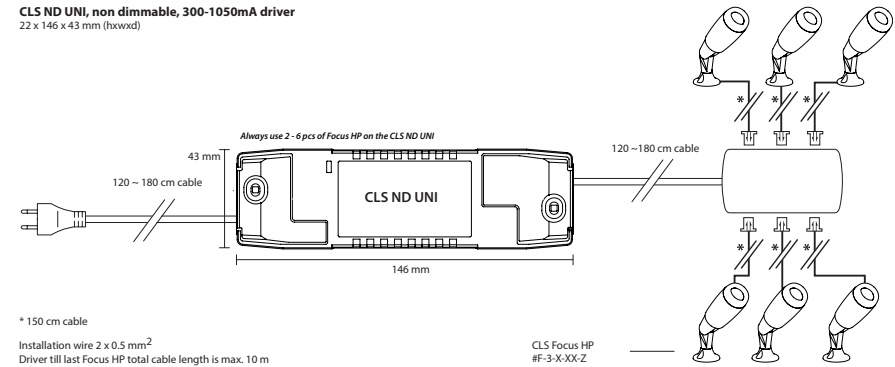
! Always switch off mains power of the driver before connecting any fixtures!

CLS ND 001, non dimmable, 700mA driver
19 x 115 x 34 mm (h x w x d)

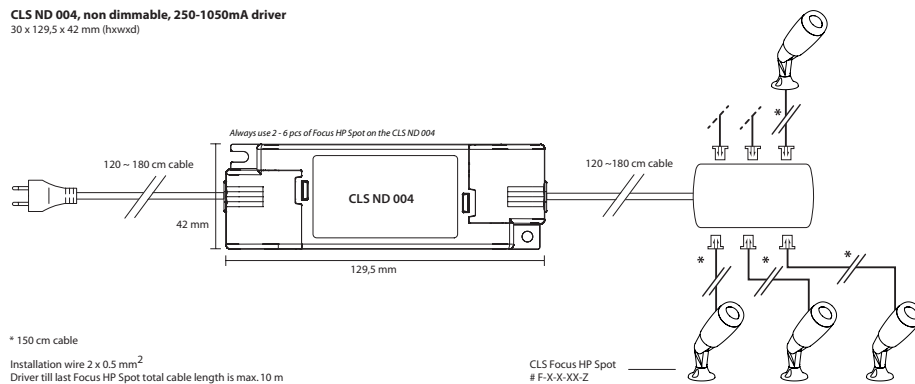


! Always switch off mains power of the driver before connecting any fixtures!

CLS ND UNI, non dimmable, 300-1050mA driver
22 x 146 x 43 mm (h x w x d)



CLS ND 004, non dimmable, 250-1050mA driver
30 x 129.5 x 42 mm (h x w x d)

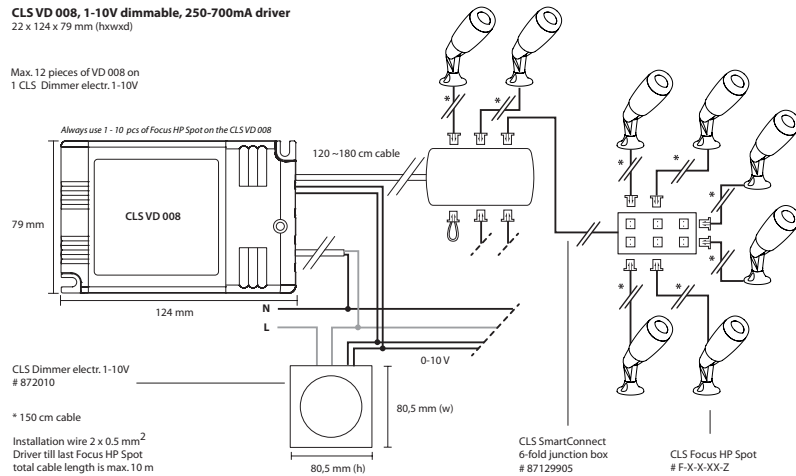


WIRING DIAGRAM DALI DIM DRIVERS

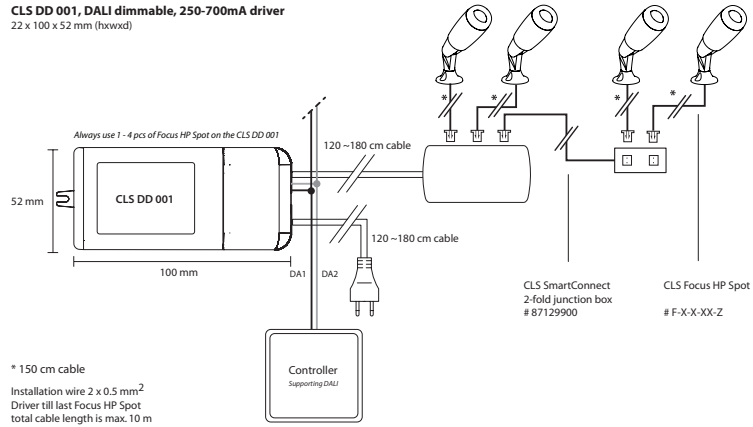
! Always switch off mains power of the driver before connecting any fixtures!

CLS VD 008, 1-10V dimmable, 250-700mA driver
22 x 124 x 79 mm (hxxwxd)

Max. 12 pieces of VD 008 on
1 CLS Dimmer electr. 1-10V

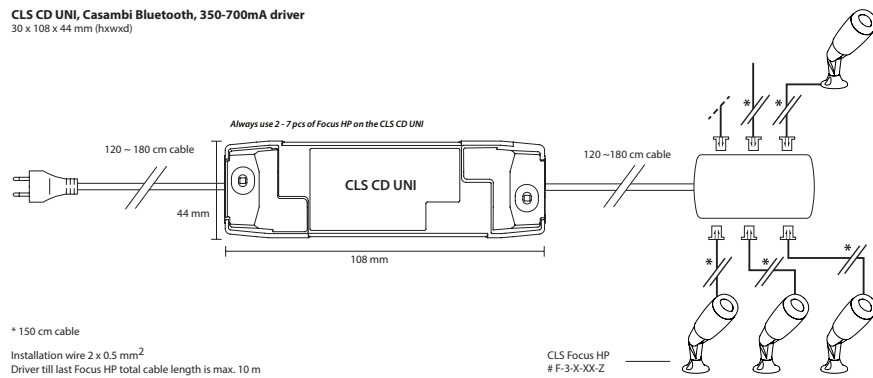


CLS DD 001, DALI dimmable, 250-700mA driver
22 x 100 x 52 mm (hxxwxd)

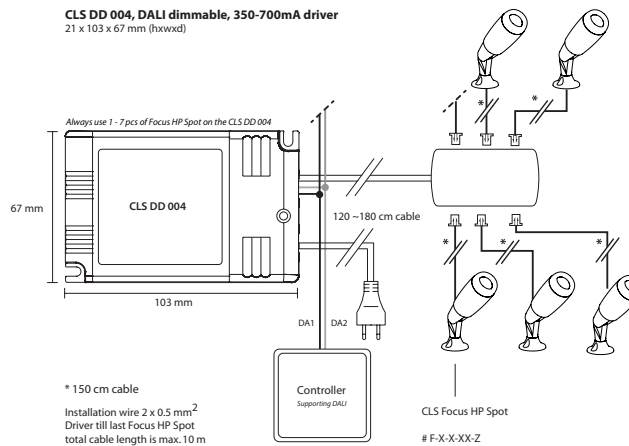


WIRING DIAGRAM CASAMBI BLUETOOTH CONTROL

CLS CD UNI, Casambi Bluetooth, 350-700mA driver
30 x 108 x 44 mm (hxxwxd)



CLS DD 004, DALI dimmable, 350-700mA driver
21 x 103 x 67 mm (hxxwxd)





Always switch off mains power of the driver before connecting any fixtures!

Make sure the LDC-41 GIII is set to 700mA!

CLS Focus HP
F-1-2-XX-Z

CLS SmartConnect
2-fold junction box
87129900 / #87129901

CLS LDC
SmartConnect Block
911367

CLS LDC-41 GIII DMX LED
dimmer 4 channels
113002

24 / 48VDC

Installation wire 2 x 0.5 mm²
Driver till last Focus total
cable length is max. 10 m

25 mm (w)

CH1 = Channel 1
CH2 = Channel 2
CH3 = Channel 3
CH4 = Channel 4

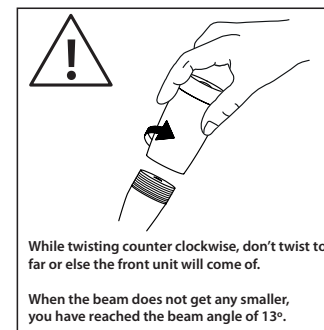
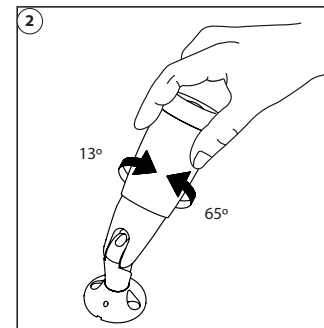
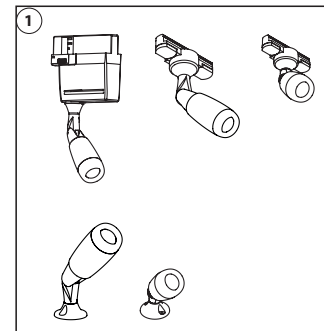
24 VDC powersupply: Min. 1 and max. 3 pcs on each channel
48 VDC powersupply: Min. 4 and max. 6 pcs on each channel

Also select the correct BT powersupply according to the consumed power

CLS SmartConnect
6-fold junction box
87129905

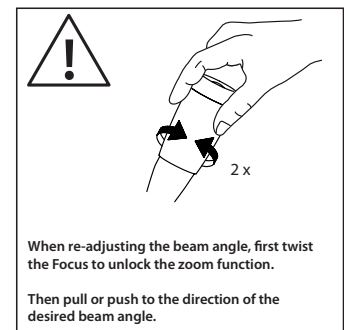
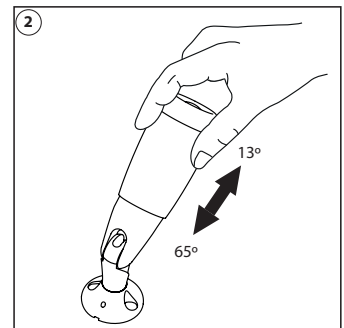
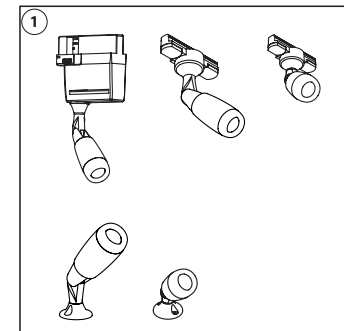
Twist system

Applied on the black Focus



Pull & Push system

Applied on the white Focus



ACCESSORIES

ACCESSORIES

113002	CLS LDC-41 GIII DMX LED dimmer 4 channels 0.35-1A per channel
87129900	CLS SmartConnect 2-fold junction box & shortcircuit connect.
87129901	CLS SmartConnect 2-fold junction box with 5 metre cable
87129905	CLS SmartConnect 6-fold junction box & shortcircuit connect.
87129915	CLS SmartConnect short circuit plugs (10pcs)
872010	CLS Dimmer electr. 1-10V
872019	CLS Dimmer Jung phase cut max. 270VA 230-240VAC
874001	CLS ND 001 non dim, 100 - 240 V, 700mA driver
874004	CLS ND 004 non dim, 198 - 264 V, 250-1050mA driver
874003	CLS ND UNI non dim driver, 220 - 240 V, 300-1050mA driver
874101	CLS MD 001 mains dim. 198-264V, 700mA driver
874104	CLS MD 004 mains dim. 198-264V, 250-700mA driver
874201	CLS VD 001, 1-10V dim, 99-264 V, 350-900mA driver
874204	CLS VD 004, 1-10V dim, 99-264 V, 350-900mA driver
874208	CLS VD 008, 1-10V dim, 99-264 V, 250-700mA driver
874301	CLS DD 001, DALI dim, 99-264 V, 250-700mA driver
874304	CLS DD 004, DALI dim, 99-264 V, 350-700mA driver
875014	CLS CD UNI driver, 230 V, Casambi Bluetooth control, 300-700mA driver
911367	CLS LDC SmartConnect block LDC to SmartConnect system
Y106000	CLS Focus extension pipe 10 cm black
Y106001	CLS Focus extension pipe 10 cm white
Y106002	CLS Focus extension pipe 30 cm black
Y106003	CLS Focus extension pipe 30 cm white
Y106004-B	CLS Focus end piece black 90°
Y106004-W	CLS Focus end piece white 90°
Y106005-B	CLS Focus coupler black 90°
Y106005-W	CLS Focus coupler white 90°
Y106010	CLS Focus snoot GI half cut black
Y106013	CLS Focus snoot GII half cut white
Y106012	CLS Focus snoot GII half cut black
Y106014-B	CLS Focus snoot GII black
Y106014-W	CLS Focus snoot GII white

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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		Magno 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, Citizen or a Xicato LED module