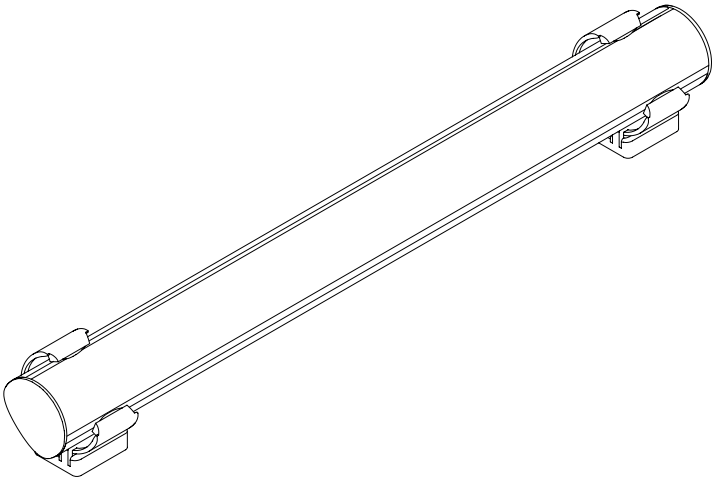




Index	2	Accessories	3	Wiring diagram Casambi Bluetooth	9
Safety information	2	Installation	4	Wiring diagram DALI dim driver	10
Content	2	Wiring diagram non dim driver	5	Wiring diagram LDC-III driver	11
Technical	3	Wiring diagram Mains dim driver	7	List of symbols	12
Specifications	3	Wiring diagram 1-10V dim driver	8		



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

Don't modify or install genuine parts on this product

Don't install in a flammable or explosive area

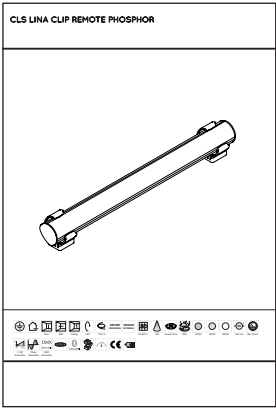
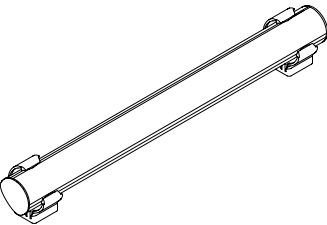
Warning! Some surfaces can be hot

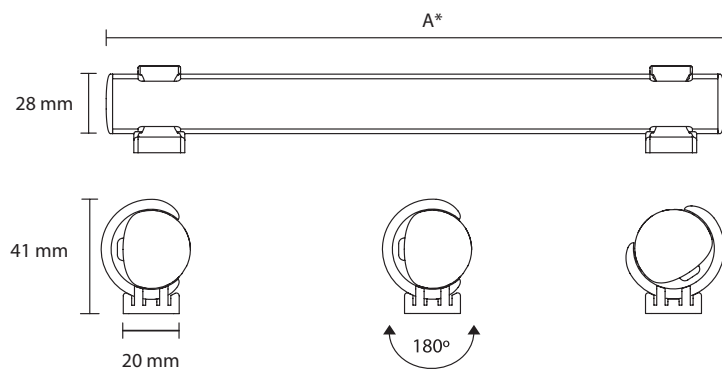
Do not stare into the LED

Ambiance Max. 40°

Qualified technician

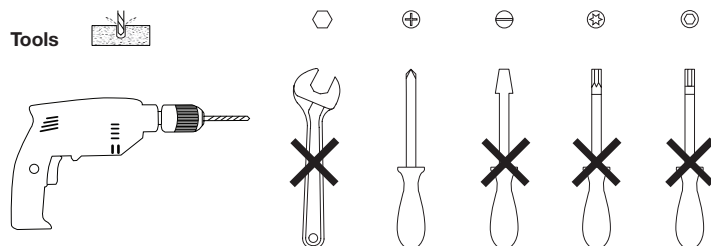
CONTENT





A	Model
296 mm	Lina Clip DF 30 cm
546 mm	Lina Clip DF 55 cm
796 mm	Lina Clip DF 80 cm

Tools

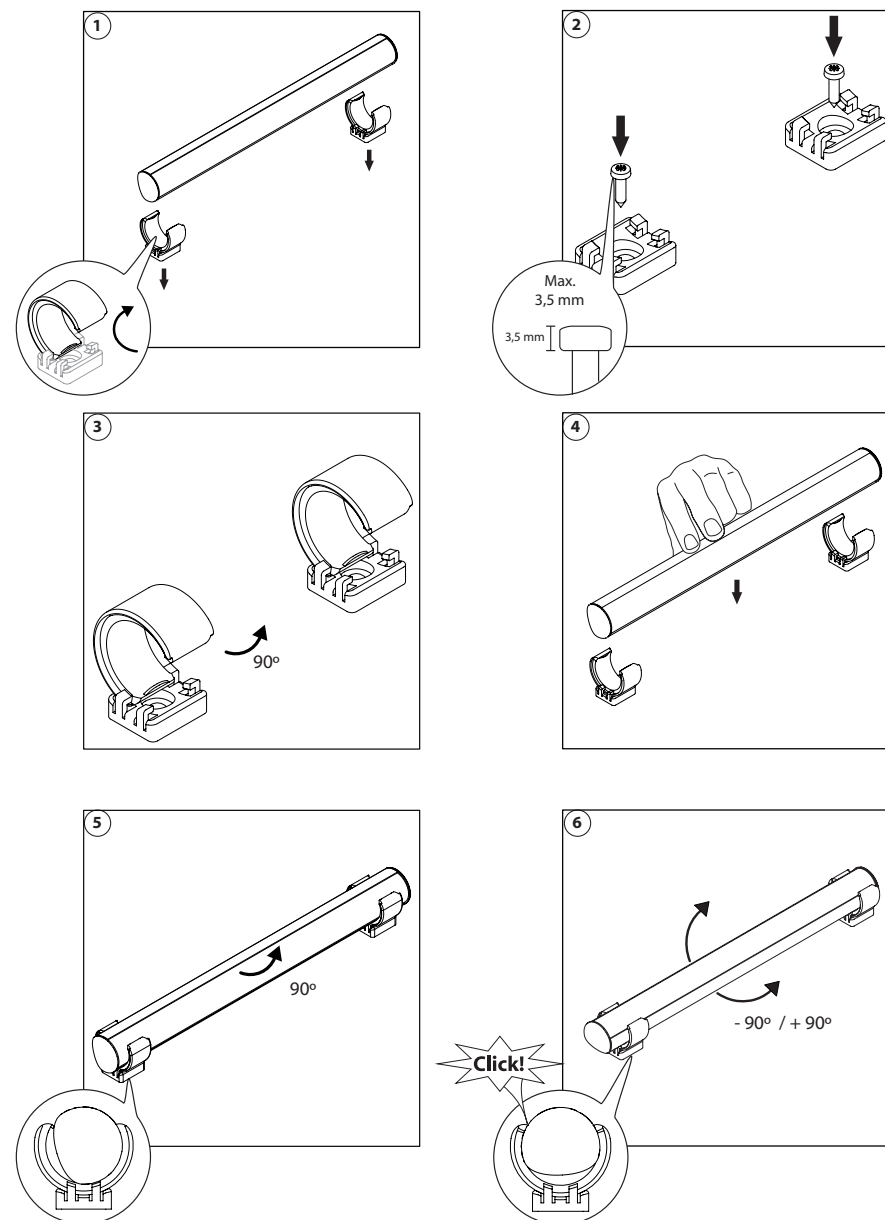


SPECIFICATIONS

LED:	High Power LED
Available colours:	CRI>90: 2700K, 3000K & 4000K
Power supply:	500mA
Power consumption:	Max. 6 Watt / 25 cm
Beam angle:	120°
Housing:	Black anodised aluminium, White coated
Cable length:	150 cm
Ambient temperature:	-20° C till +40° C

ACCESSORIES

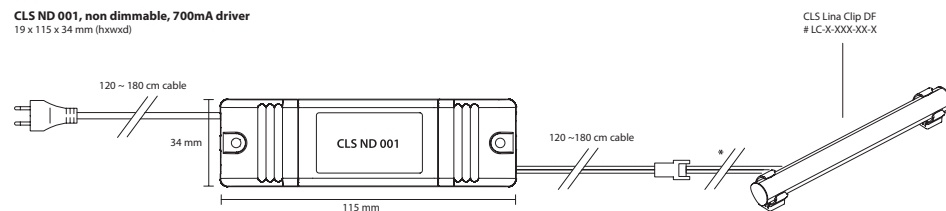
113002	CLS LDC-41 GIII DMX LED dimmer 4 Ch. 0.35-1A per channel
87129900	CLS SmartConnect 2-fold junctionbox & shortcircuit connect.
87129905	CLS SmartConnect 6-fold junctionbox & shortcircuit connect.
87129915	CLS SmartConnect short circuit plugs (10pcs)
87129959	CLS SmartConnect extension cable betw. 2 junctionboxes
872019	CLS Dimmer Jung phase cut max. 270VA 230-240VAC
874003	CLS ND UNI non dim driver, 220 - 240 V, 300-1050mA 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
874302	CLS DD UNI DALI dim, 200-240V, 300-1050mA driver
874304	CLS DD 004, DALI dim, 99-264 V, 350-700mA driver
875014	CLS CD UNI driver, 230V, Casambi Bluetooth control, 300-700mA driver
911367	CLS LDC SmartConnect block LDC to SmartConnect system



WIRING DIAGRAM NON DIM DRIVER

! 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)



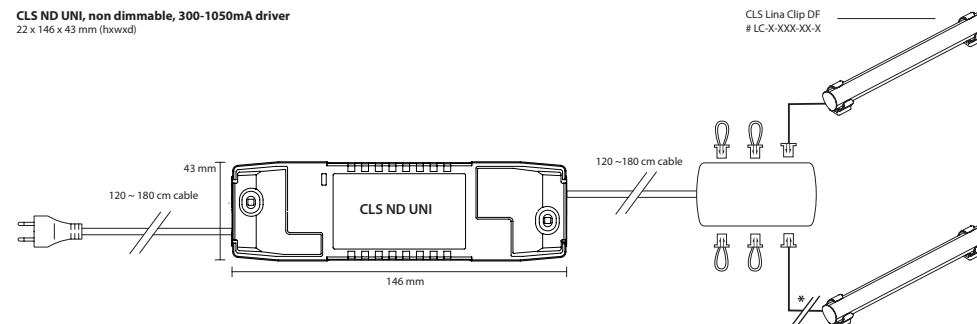
* 150 cm cable
Installation wire 2 x 0.5 mm²
Driver till last Lina Clip DF total cable length is max. 10 m

Number of Lina Clip DF on the CLS ND 001

Length	Min.	Max.
30 cm	1	1
55 cm	-	-
80 cm	-	-

! 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)

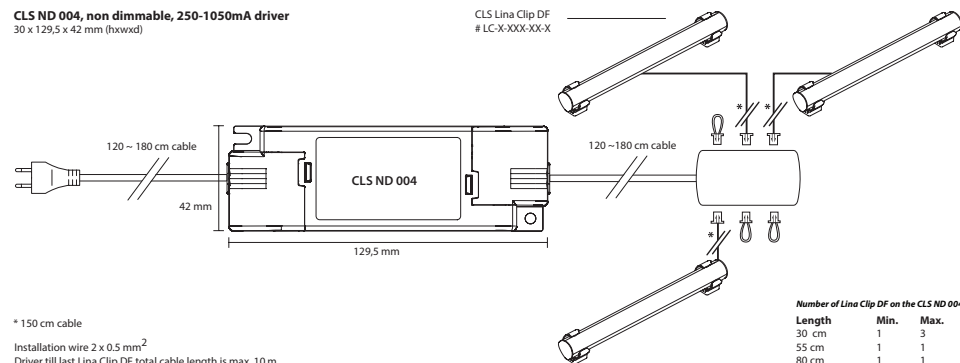


* 150 cm cable
Installation wire 2 x 0.5 mm²
Driver till last Lina Clip DF total cable length is max. 10 m

Number of Lina Clip DF on the CLS ND UNI

Length	Min.	Max.
30 cm	1	3
55 cm	1	1
80 cm	1	1

CLS ND 004, non dimmable, 250-1050mA driver
30 x 129,5 x 42 mm (h x w x d)



* 150 cm cable
Installation wire 2 x 0.5 mm²
Driver till last Lina Clip DF total cable length is max. 10 m

Number of Lina Clip DF on the CLS ND 004

Length	Min.	Max.
30 cm	1	3
55 cm	1	1
80 cm	1	1

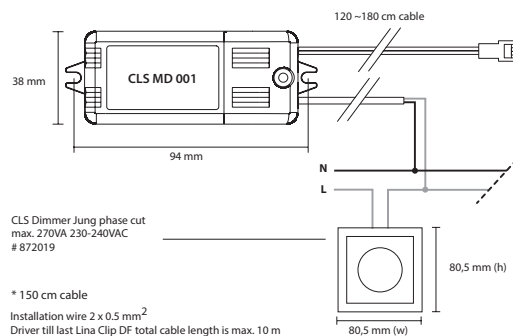
WIRING DIAGRAM MAINS DIM DRIVER



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

CLS MD 001, mains dimmable, 700mA driver

21 x 94 x 38 mm (hwxwd)
Max. 12 pieces of MD 001 on
1 CLS dimmer Jung phase-cut



Number of Lina Clip DF on the CLS MD 001

Length	Min.	Max.
30 cm	1	1
55 cm	-	-
80 cm	-	-

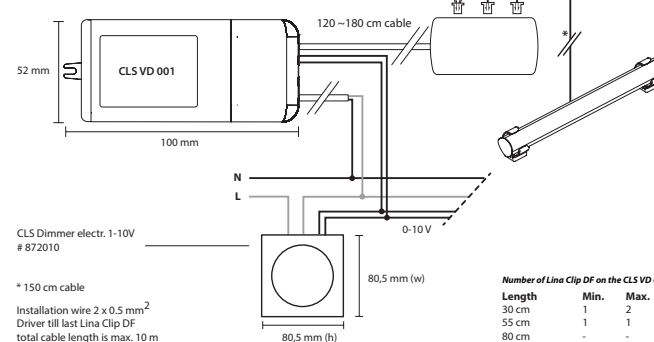
WIRING DIAGRAM 1-10V DIM DRIVER



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

CLS VD 001, 1-10V dimmable, 350-900mA driver

22 x 100 x 52 mm (hwxwd)
Max. 12 pieces of VD 001 on
1 CLS Dimmer electr. 1-10V

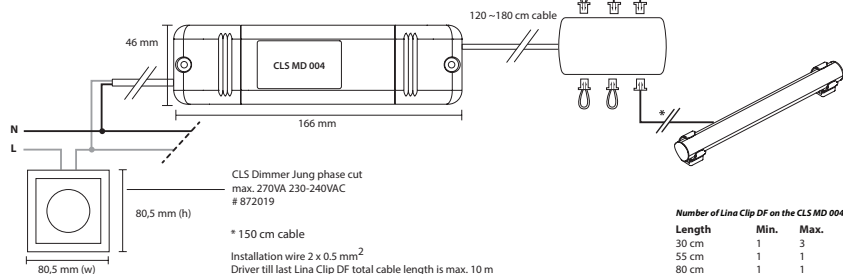


Number of Lina Clip DF on the CLS VD 001

Length	Min.	Max.
30 cm	1	2
55 cm	1	1
80 cm	-	-

CLS MD 004, mains dimmable, 250-700mA driver

34 x 166 x 46 mm (hwxwd)
Max. 12 pieces of MD 004 on
1 CLS dimmer Jung phase-cut

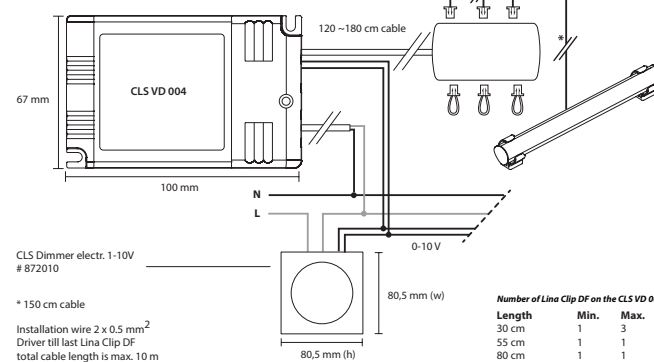


Number of Lina Clip DF on the CLS MD 004

Length	Min.	Max.
30 cm	1	3
55 cm	1	1
80 cm	1	1

CLS VD 004, 1-10V dimmable, 350-900mA driver

21 x 103 x 67 mm (hwxwd)
Max. 12 pieces of VD 004 on
1 CLS Dimmer electr. 1-10V



Number of Lina Clip DF on the CLS VD 004

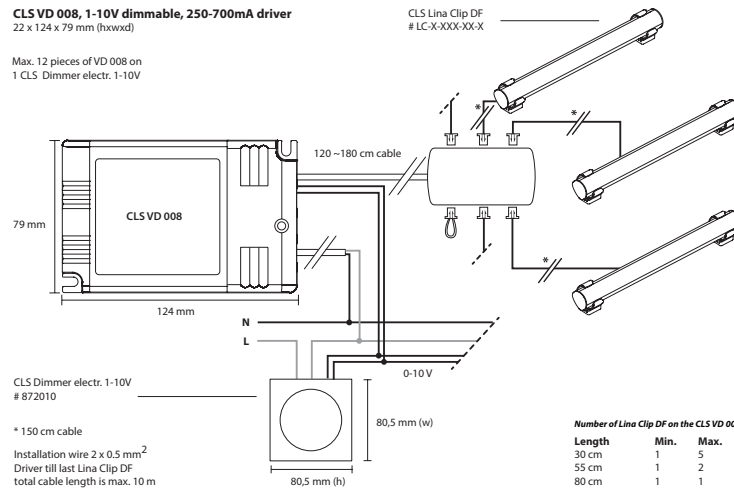
Length	Min.	Max.
30 cm	1	3
55 cm	1	1
80 cm	1	1

WIRING DIAGRAM DALI DIM DRIVER

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

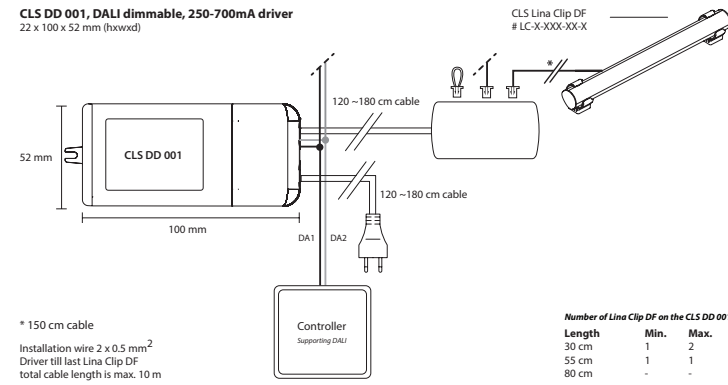
CLS VD 008, 1-10V dimmable, 250-700mA driver
22 x 124 x 79 mm (hxxwxh)

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



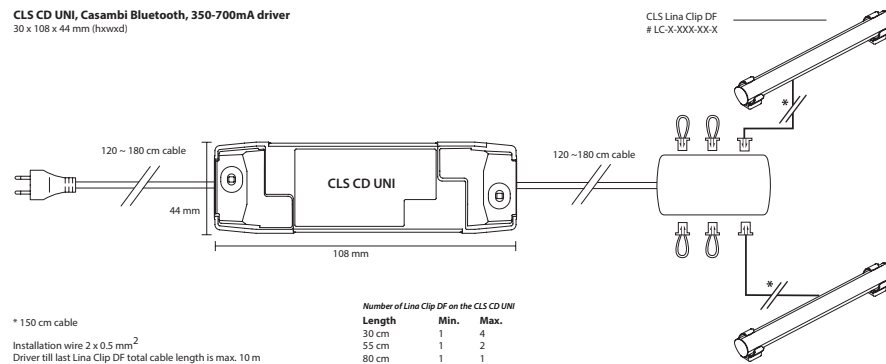
! Always switch off mains power of the driver before connecting any fixtures!

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

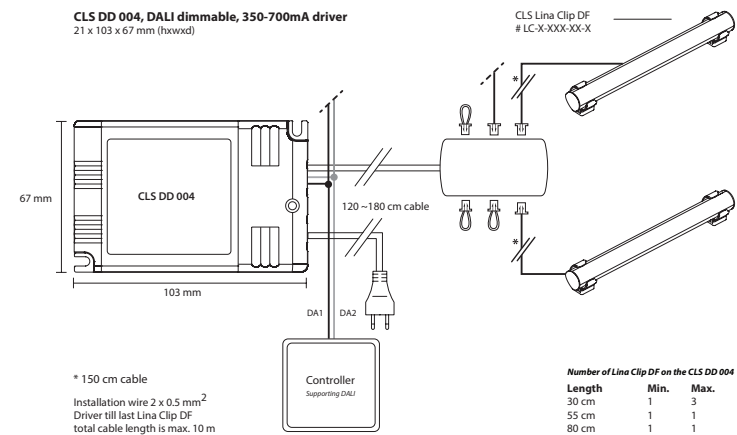


WIRING DIAGRAM CASAMBI BLUETOOTH CONTROL

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



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



WIRING DIAGRAM LDC-GIII

LIST OF SYMBOLS

Make sure the LDC-41 GIII is set to 500mA!

CLS Lina Clip DF
L-C-X-X-4X-X

CLS SmartConnect
2-fold junction box
87129900 / #87129901

CLS LDC
SmartConnect Block
911367

CLS LDC-41 GIII DMX LED
dimmer 4 channels
113002

48 VDC

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

25 mm (w)

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

Lina Clip DF 30 cm: Min. 1 and max. 3 pcs on each channel
Lina Clip DF 55 cm: Max. 1 piece on each channel
Lina Clip DF 80 cm: Max. 1 piece on each channel

CLS SmartConnect
6-fold junction box
87129905

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	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		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 Available 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 changing RGB, RGB-w, RGB-A, AWB or Tunable White		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		Magne 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, Bridgelux or a Xicato LED module		