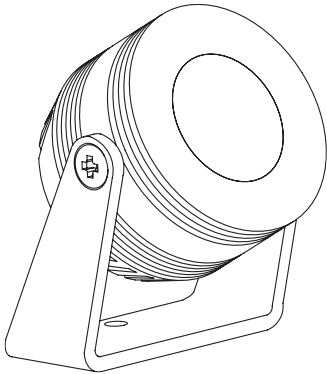


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SAFETY INFORMATION

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

Do not stare into the LED

Ambiance Max. 40°

Qualified technician

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

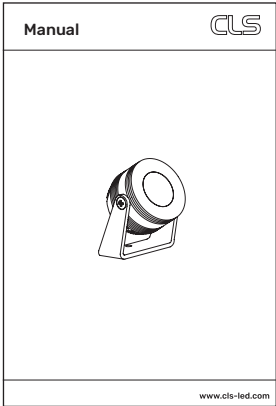
Don't install in a flammable or explosive area

Warning! Some surfaces can be hot

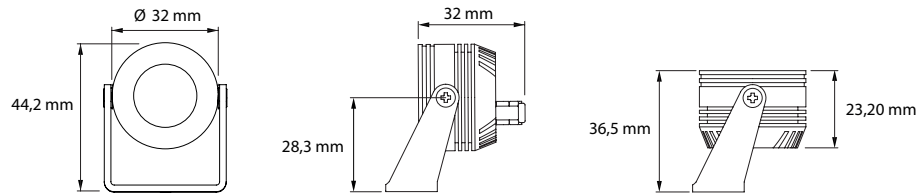
CONTENT

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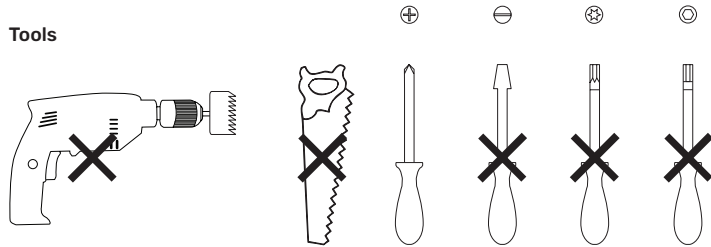
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TECHNICAL



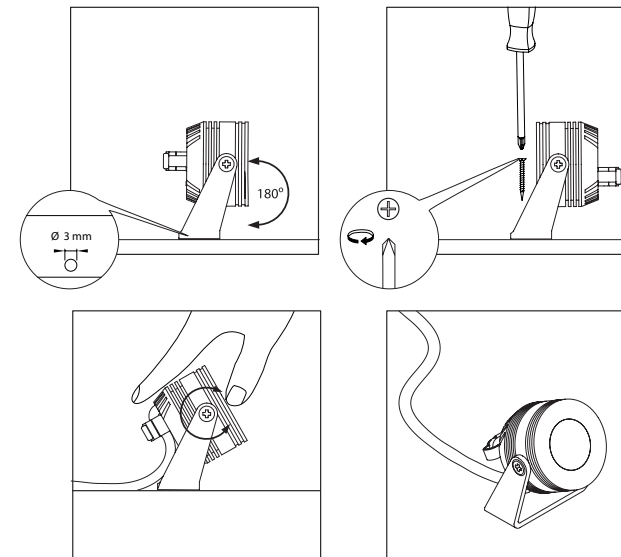
Tools



SPECIFICATIONS

LED:	1 x High Power LED
Available colours:	CRI>90: 2700K, 3000K & 4000K
Lenses:	40° or 15°
Power supply:	Max. 700mA
Power consumption:	Max. 3 Watt
Housing:	Aluminum brushed black coated
Weight:	45 gr
IP value:	IP40
Cable length:	150 centimeter
Swivel angle:	270° vertical, 360° horizontal
Measurements:	ø mm (øxh)
Ambient temperature:	-10° C till +40° C

INSTALLATION



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 junctionbox & shortcircuit connect.
87129915	CLS SmartConnect short circuit plugs (10pcs)
872010	CLS Dimmer for 1-10V LED driver
872019	CLS Dimmer Jung phase cut max. 270VA 230-240VAC
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
874302	CLS DD UNI, DALI dim, 99-264 V, 350-1050mA driver
875014	CLS CD UNI, Casambi Bluetooth control, 230V, 350-700mA driver
911367	CLS LDC SmartConnect block LDC to SmartConnect system

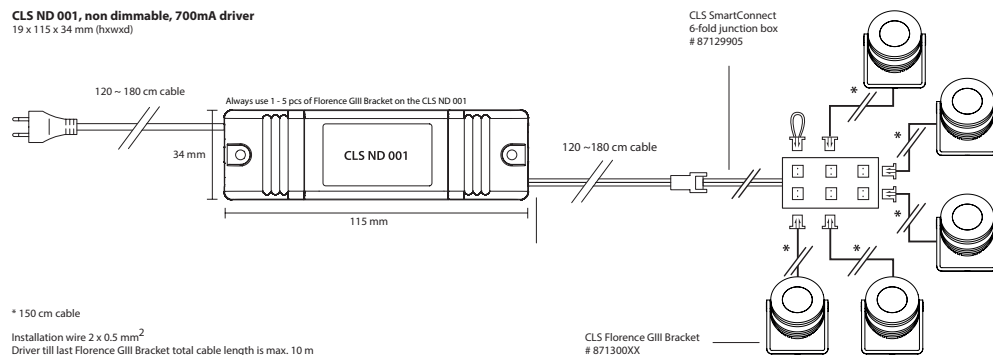
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WIRING DIAGRAM NON DIM DRIVERS



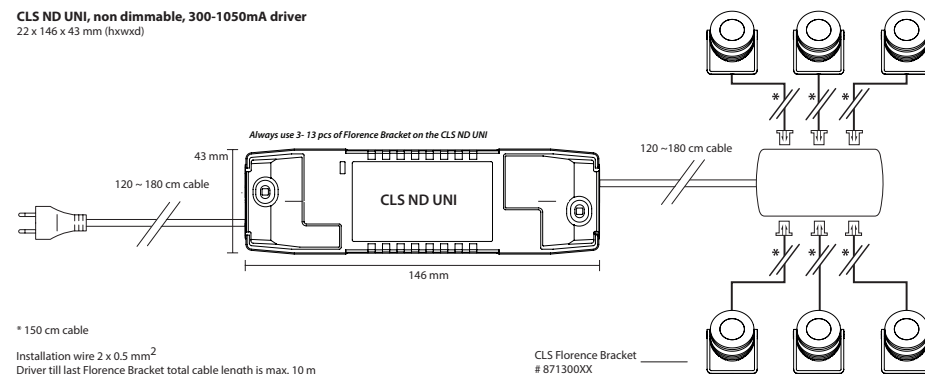
Always switch off mains power of the driver before connecting any fixtures!

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

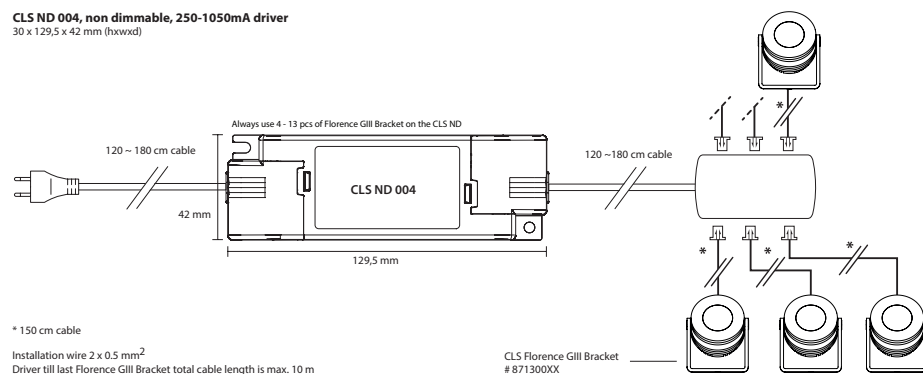


Always switch off mains power of the driver before connecting any fixtures!

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)

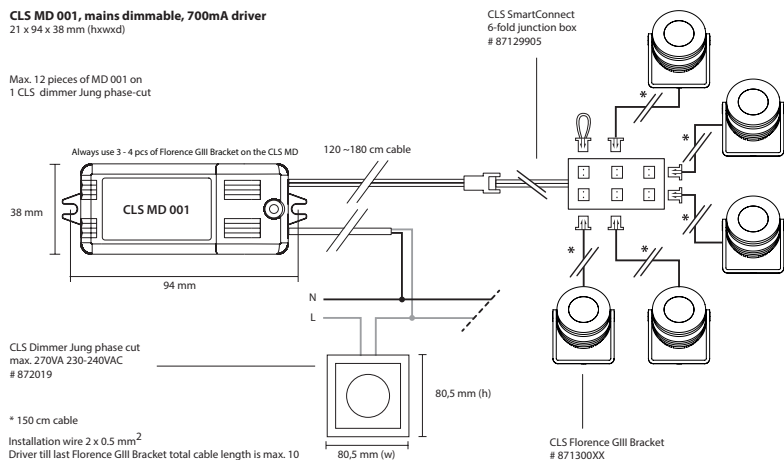


WIRING DIAGRAM MAINS DIM DRIVERS

! 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 (h x w x d)

Max. 12 pieces of MD 001 on
1 CLS dimmer Jung phase-cut

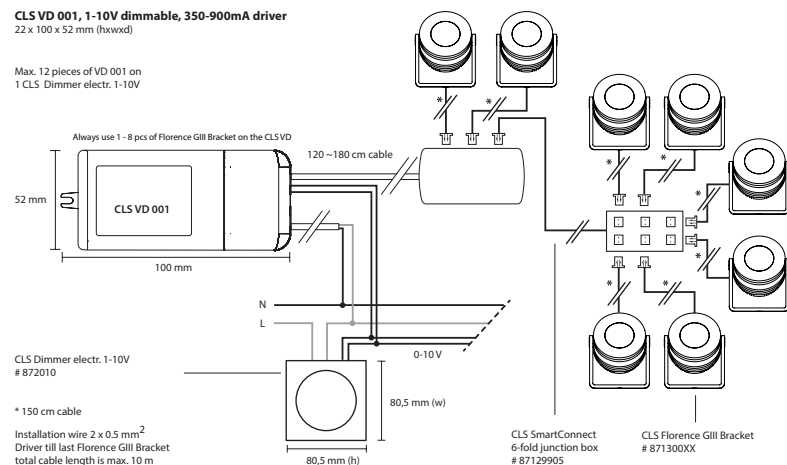


WIRING DIAGRAM 1-10V DIM DRIVERS

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

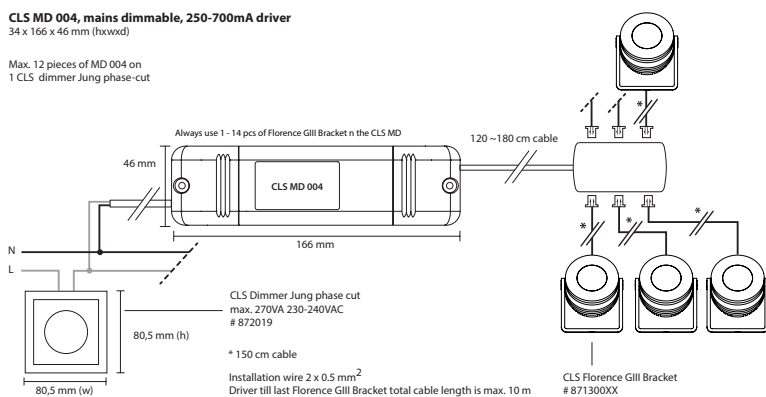
CLS VD 001, 1-10V dimmable, 350-900mA driver
22 x 100 x 52 mm (h x w x d)

Max. 12 pieces of VD 001 on
1 CLS Dimmer electr. 1-10V



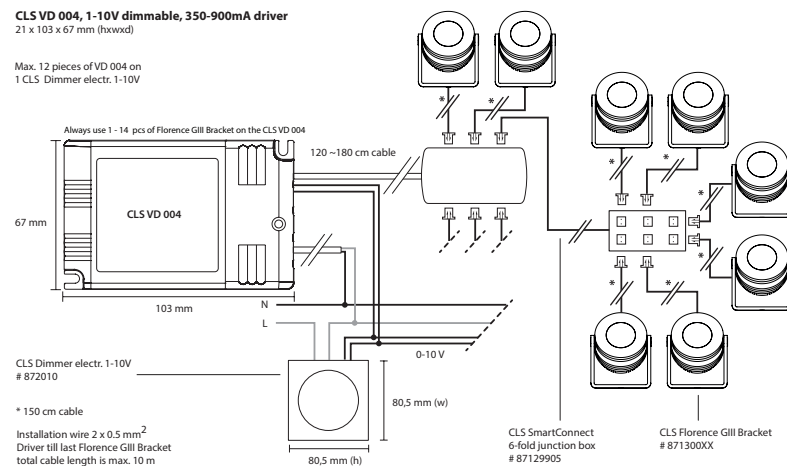
CLS MD 004, mains dimmable, 250-700mA driver
34 x 166 x 46 mm (h x w x d)

Max. 12 pieces of MD 004 on
1 CLS dimmer Jung phase-cut



CLS VD 004, 1-10V dimmable, 350-900mA driver
21 x 103 x 67 mm (h x w x d)

Max. 12 pieces of VD 004 on
1 CLS Dimmer electr. 1-10V

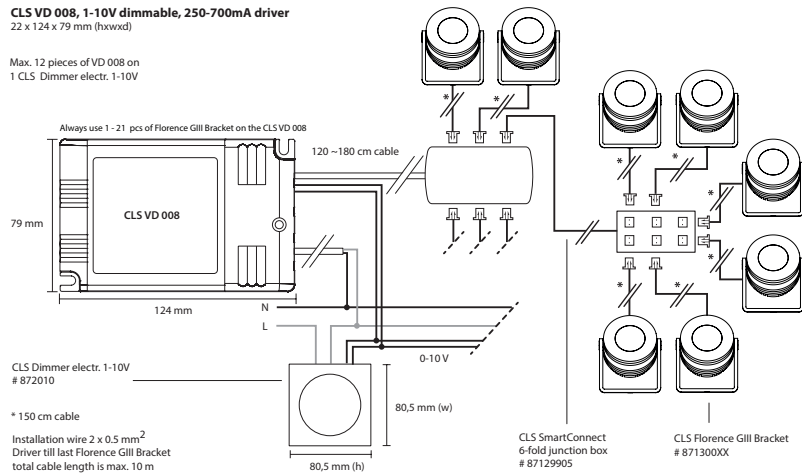


WIRING DIAGRAM DALI DIM DRIVERS

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

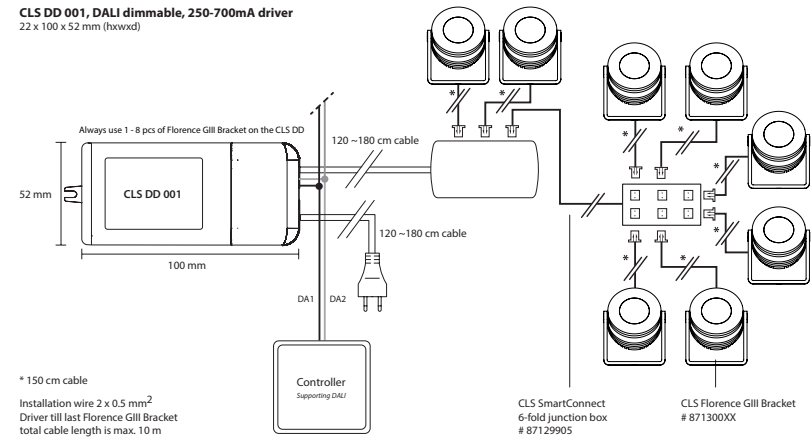
CLS VD 008, 1-10V dimmable, 250-700mA driver
22 x 124 x 79 mm (h x w x d)

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



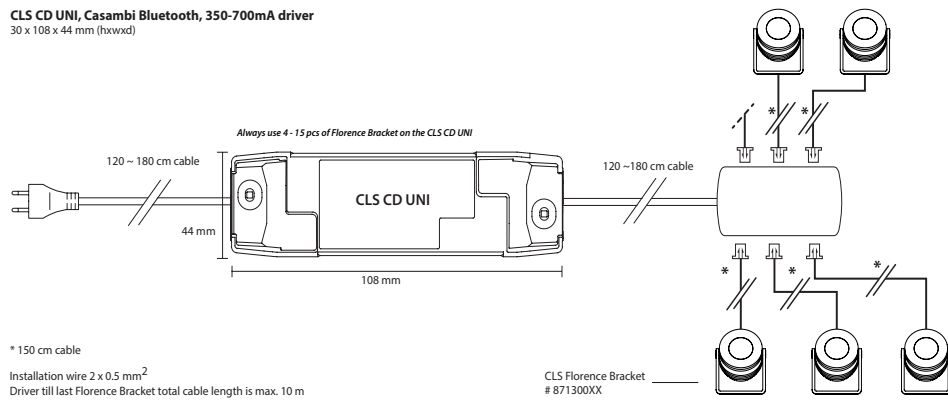
! Always switch off mains power of the driver before connecting any fixtures!

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

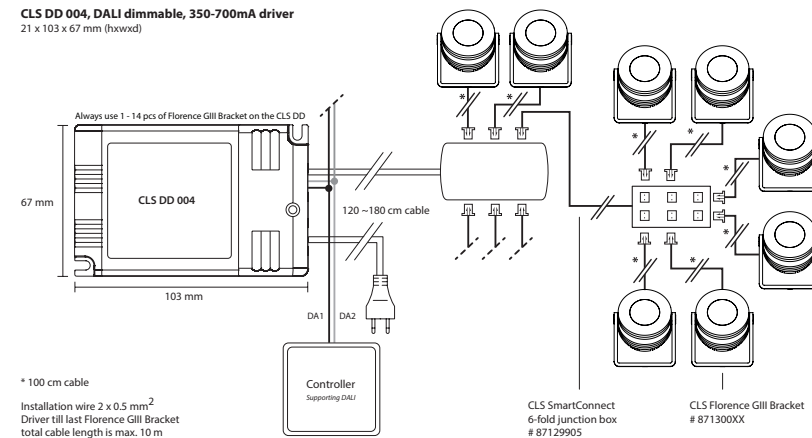


WIRING DIAGRAM CASAMBI BLUETOOTH CONTROL

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



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



WIRING DIAGRAM LDC-41 GIII DRIVER

LIST OF SYMBOLS



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

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

CLS SmartConnect
6-fold junction box
87129905

CLS Florence GIII Bracket
871300XX

CLS LDC
SmartConnect Block
911367

CLS LDC-41 GIII DMX LED
dimmer 4 channels
113002

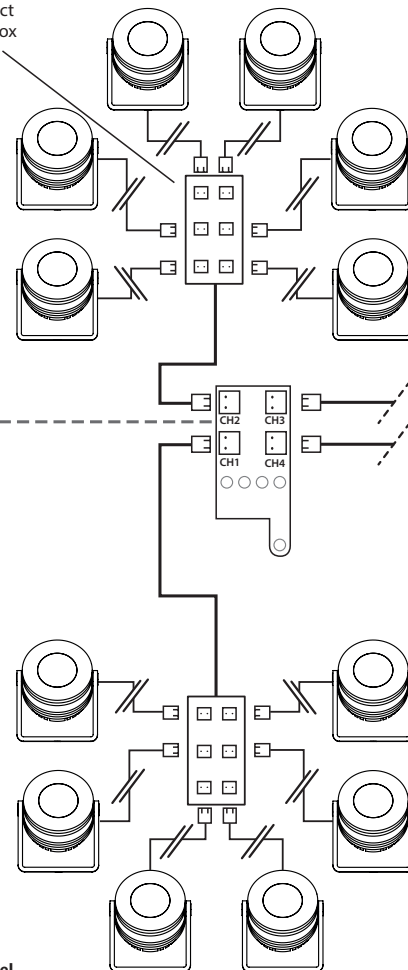
24 / 48 VDC

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

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

24 VDC powersupply: Min. 2 and max. 6 pcs on each channel
48 VDC powersupply: Min. 7 and max. 12 pcs on each channel

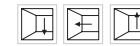
Also select the correct BT powersupply according to the consumed power



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



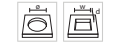
Swivel
Fixture is vertically rotatable,
indicated in degrees



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
Available 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



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