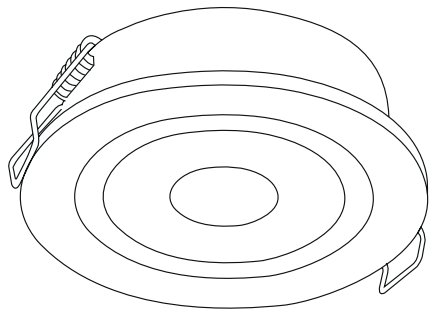


Index	2	Installation	4	Wiring diagram Casambi Bluetooth	9
Safety information	2	Accessories	4	Wiring diagram DALI dim drivers	10
Content	2	Wiring diagram Non dim drivers	5	Wiring diagram LDC-41 dimmer	11
Technical	3	Wiring diagram Mains dim drivers	6	List of symbols	12
Specifications	3	Wiring diagram 1-10V dim drivers	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

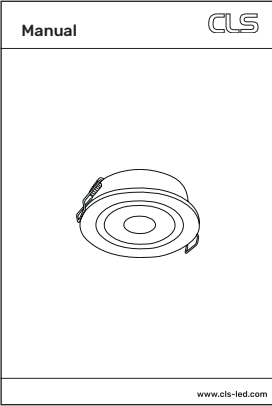
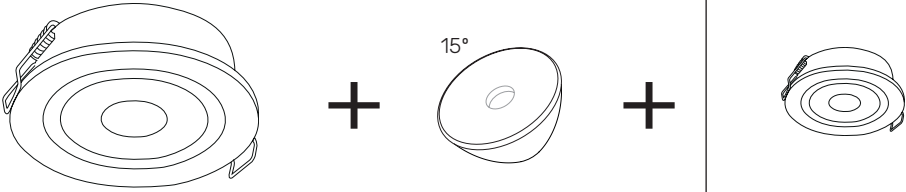
Warning! Some surfaces can be hot

Qualified technician

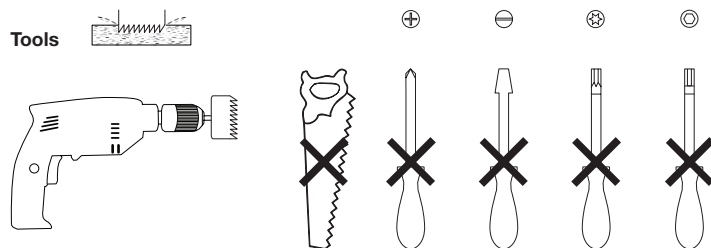
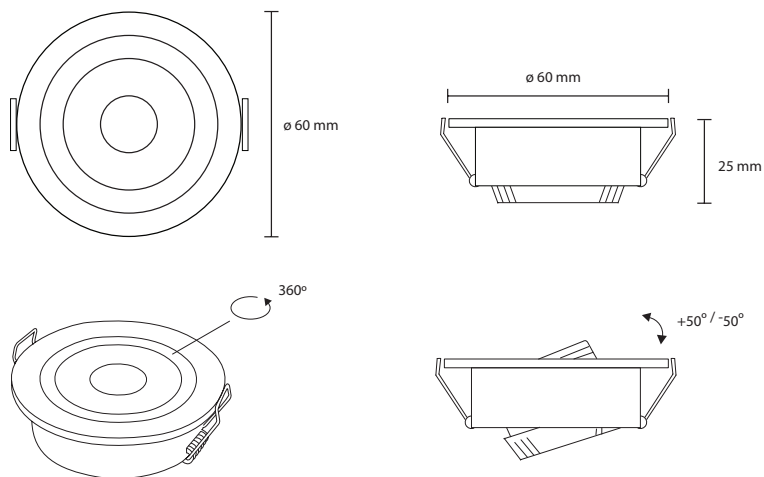
Do not stare into the LED

Ambiance Max. 40°

CONTENT



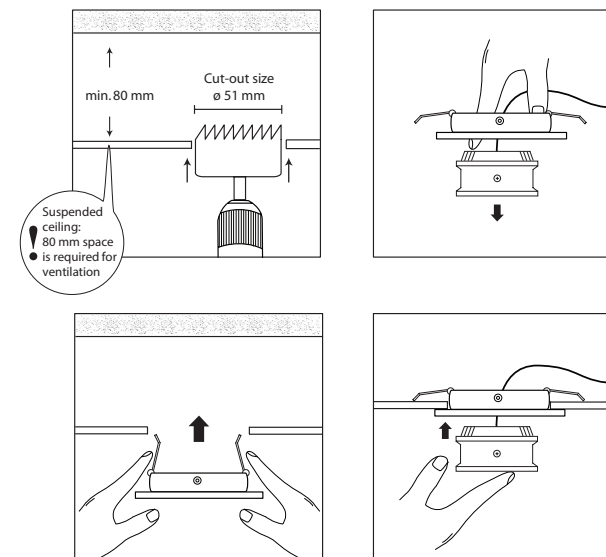
TECHNICAL



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:	75 gr
IP value:	IP40
Cable length:	100 centimeter
Swivel angle:	+50° / -50°, rotate 360° (placed in ceiling unit)
Measurements:	ø 60 x 25 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 electr. 1-10V for MT35/MTD44 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
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
874302	CLS DD UNI DALI dim 200-240V, 300-1050mA driver
875014	CLS CD UNI driver, 230 V, Casambi Bluetooth, 300-700mA driver
911367	CLS LDC SmartConnect block LDC to SmartConnect system

2024 CLS-LED BV. All rights reserved.
Information subject to change without notice.
CLS-LED BV and all affiliated companies
disclaim liability for injury, damage direct or
indirect loss, consequential or economic loss
or any other loss occasioned by the use of,
inability to use or reliance on the information
contained in this manual. No part of this
manual may be reproduced, in any form or
by any means, without permission in writing
from CLS-LED BV. Other legal information can
be found in our General conditions, found on
the back of your CLS-LED BV invoice, inside
the CLS catalogue or on our website www.cls-led.com/General-Terms.pdf

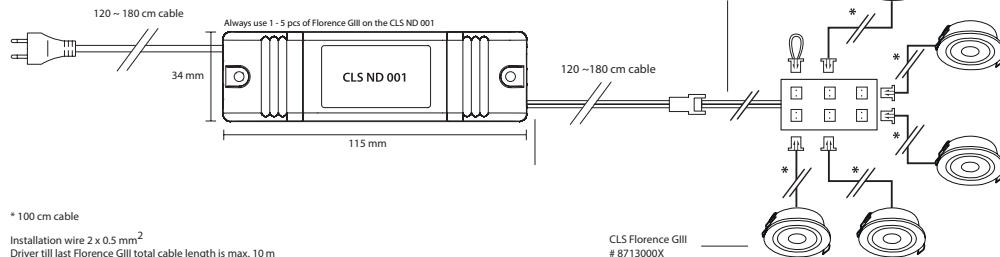
CLS

www.cls-led.com

www.cls-led.com



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

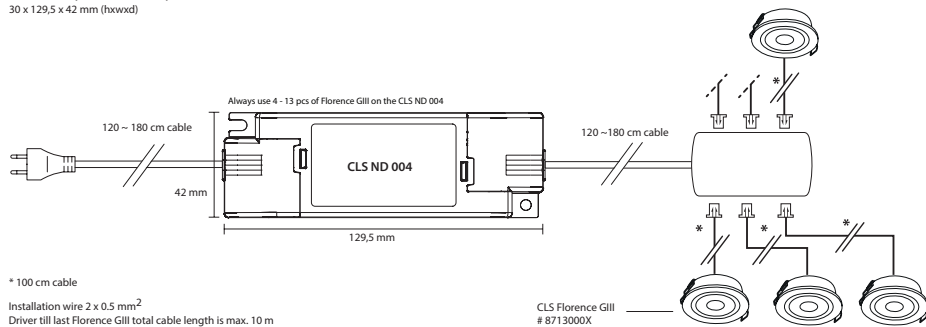


* 100 cm cable

Installation wire 2 x 0.5 mm²

Driver till last Florence Gill total cable length is max. 10 m

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

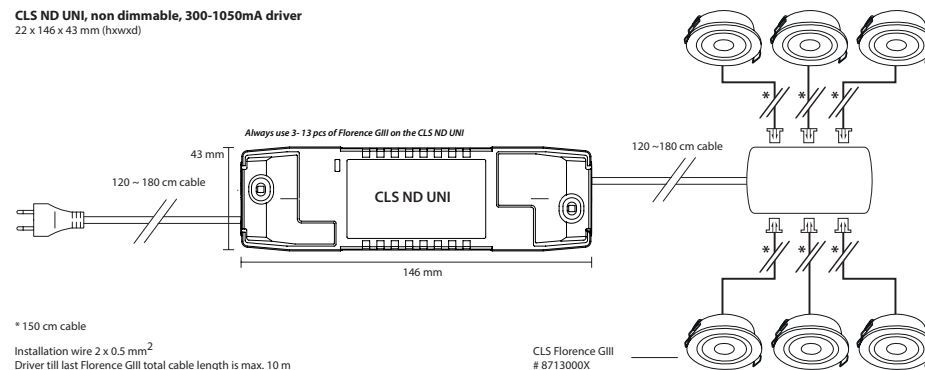


* 100 cm cable
Installation wire 2 x 0.5 mm²
Driver till last Florence GIII total cable length is max. 10 m



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 Florence Gill total cable length is max. 10 m

WIRING DIAGRAM MAINS DIM DRIVERS

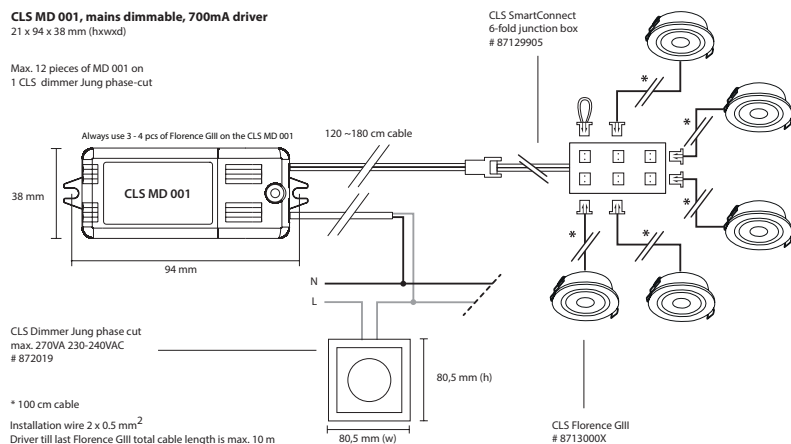


Always switch off mains power of the driver before connecting any fixtures!

CLS MD 001, mains dimmable, 700mA driver

21 x 94 x 38 mm (h x w x d)

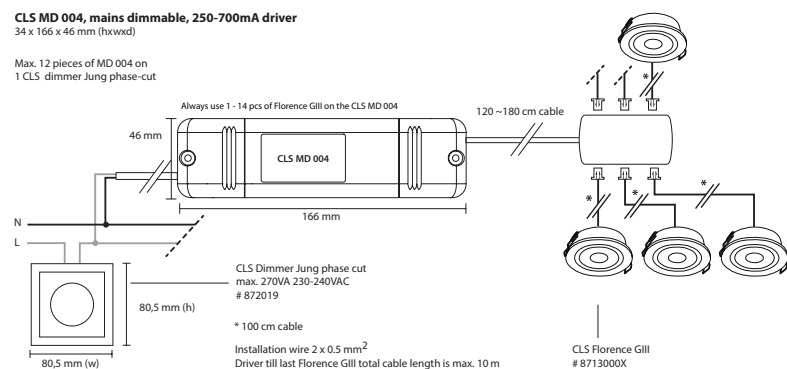
Max. 12 pieces of MD 001 on
1 CLS dimmer Jung phase-cut



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



WIRING DIAGRAM 1-10V DIM DRIVERS

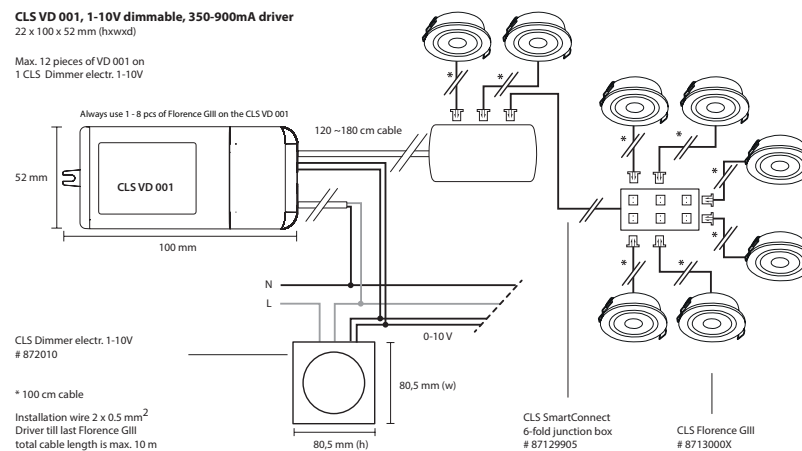


Always switch off mains power of the driver before connecting any fixtures!

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

22 x 100 x 52 mm (h x w x d)

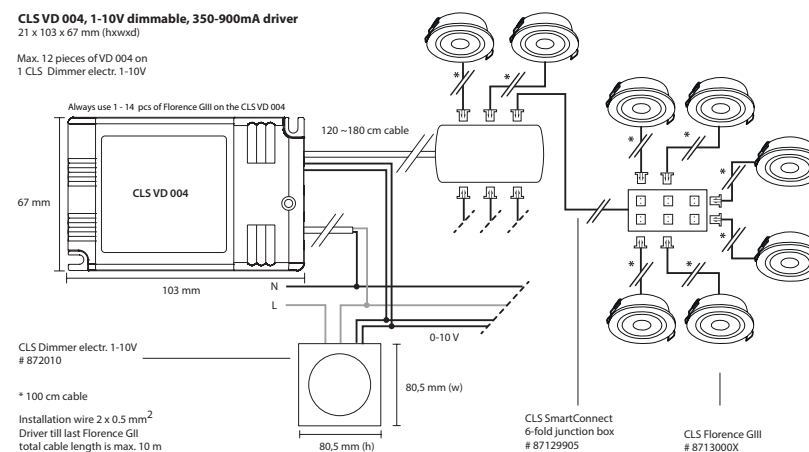
Max. 12 pieces of VD 001 on
1 CLS Dimmer electr. 1-10V



CLS 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

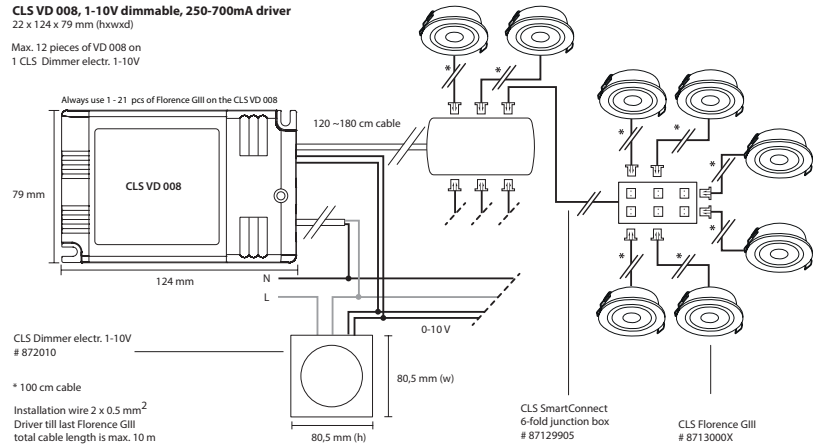


WIRING DIAGRAM DALI DIM DRIVERS



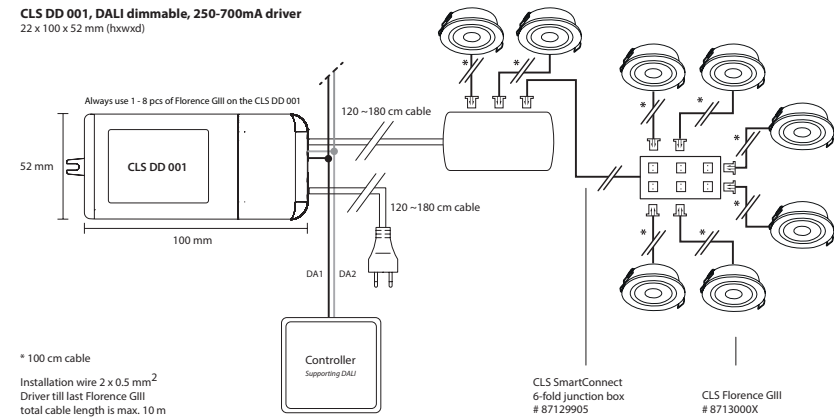
Always switch off mains power of the driver before connecting any fixtures!

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



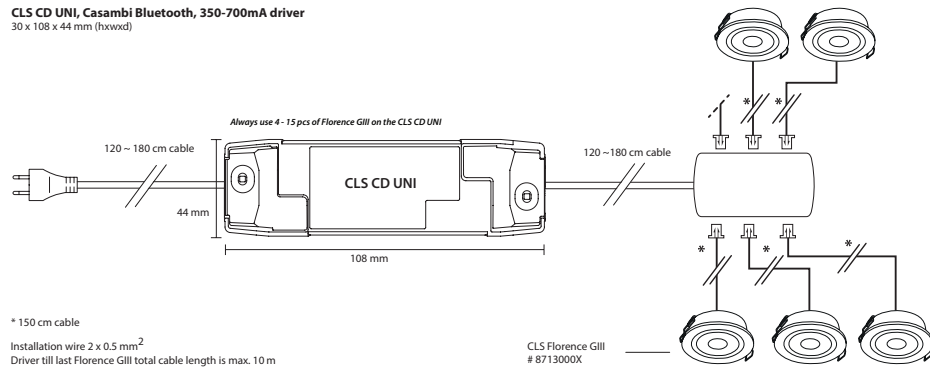
Always switch off mains power of the driver before connecting any fixtures!

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

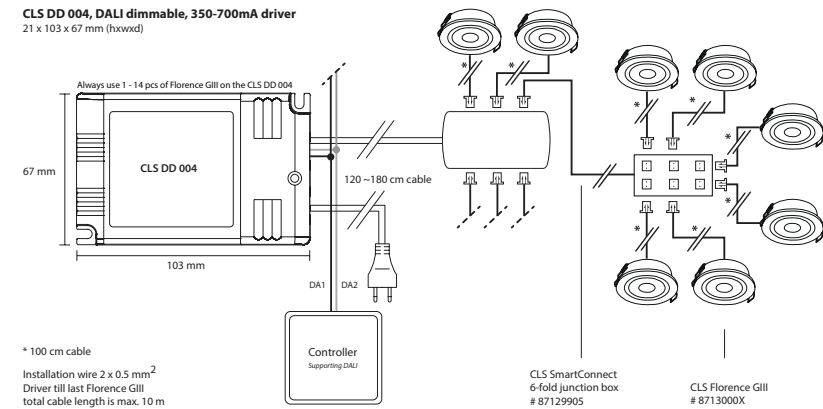


WIRING DIAGRAM CASAMBI BLUETOOTH CONTROL

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)

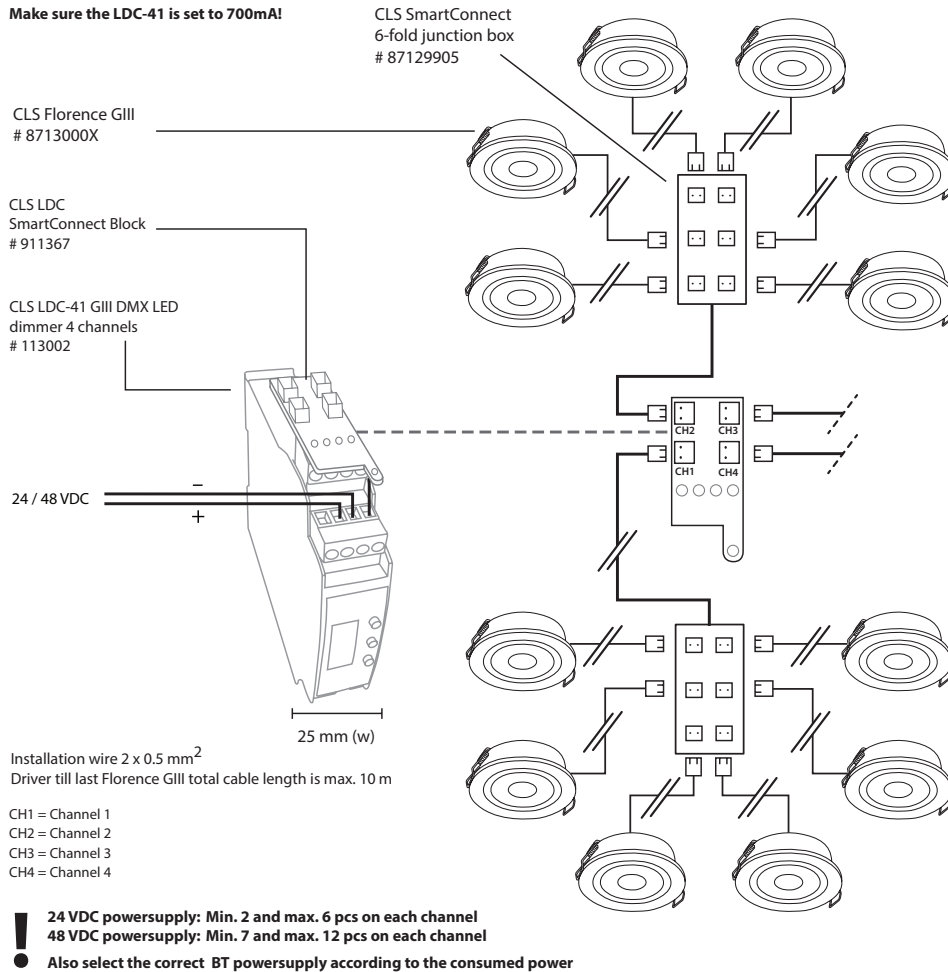


WIRING DIAGRAM LDC-41 GIII DIMMER

LIST OF SYMBOLS



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



	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		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		Magnet 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, AWW or Tunable White		Lightsource Equipped with a CLS, Bridgelux or a Xicato LED module