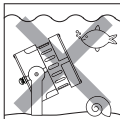



Index	2	Luxo 3 ceiling units	4
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SAFETY INFORMATION



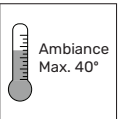
Make sure all connectors are connected properly




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



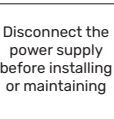
Block access below the work area when maintaining the unit



Don't modify or install genuine parts on this product

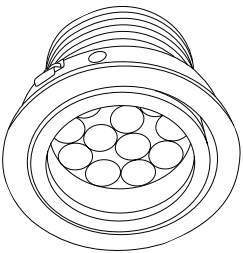


Don't install in a flammable or explosive area

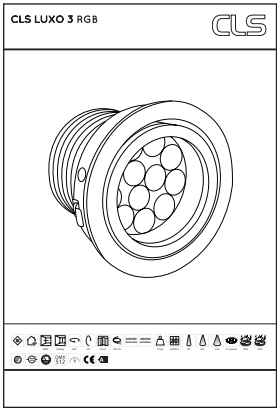


Warning! Some surfaces can be hot

CONTENT



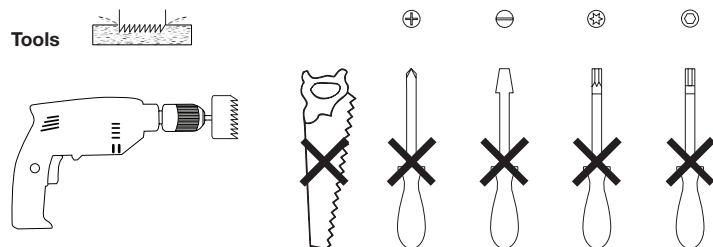
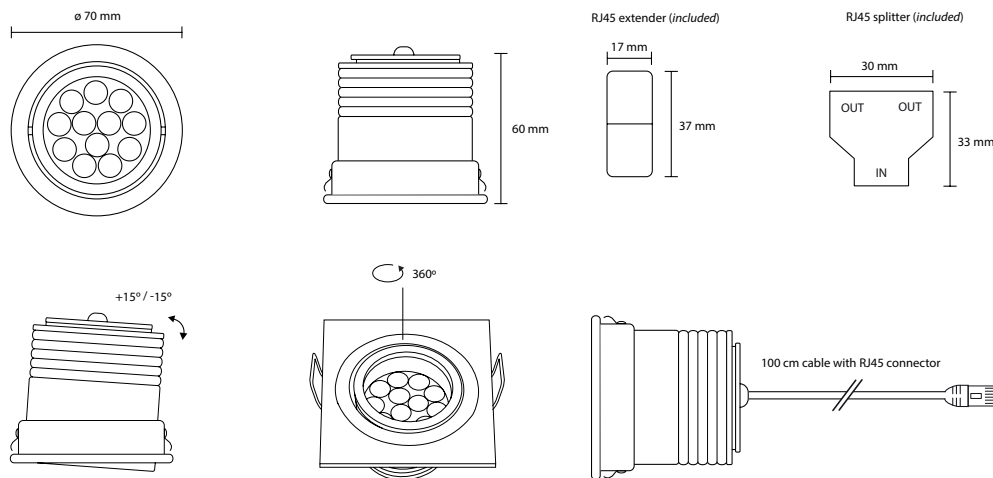
RJ45 splitter  
RJ45 extender







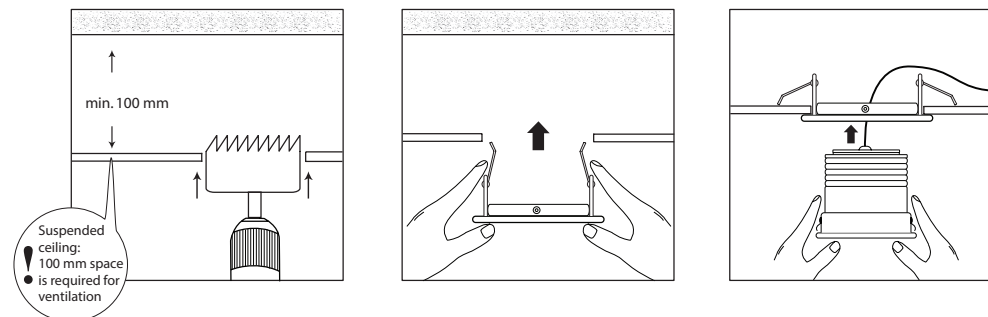
# TECHNICAL



## SPECIFICATIONS

LED:	3 x Luxeon Rebel
Available colours:	RGB
Lenses:	40°, 60° and 120°
Power supply:	Max. 700mA
Power consumption:	Max. 7 Watt
Housing:	Massive Aluminum CNC or black coated
Weight:	172 gr
IP value:	IP40
	IP52 (with diffusion glass)
Cable length:	1 meter
Swivel angle:	+30° / -30°, rotate 360°
Measurements:	$\varnothing 70 \times 60$ mm (exh)
Ambient temperature:	-10° C till +40° C

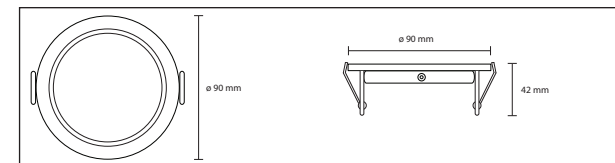
# INSTALLATION



## LUXO 3 CEILING UNITS

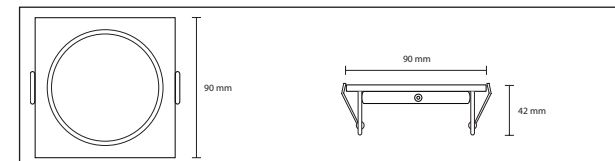
### Luxo 3 ceiling unit round 1 hole

Item nr: Y111311  
Y111411 (black coated)  
Measurements:  $\varnothing 90 \times 42$  mm (exh)  
Cut-out size:  $\varnothing 82$  mm (exh)  
Housing: Aluminum brushed



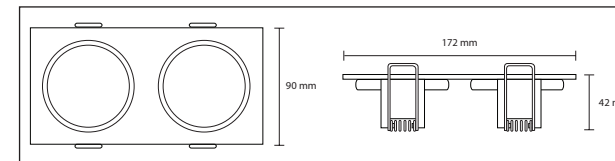
### Luxo 3 ceiling unit square 1 hole

Item nr: Y111321  
Measurements: 42 x 90 x 90 mm (hxwxh)  
Cut-out size:  $\varnothing 82$  mm (exh)  
Housing: Aluminum brushed



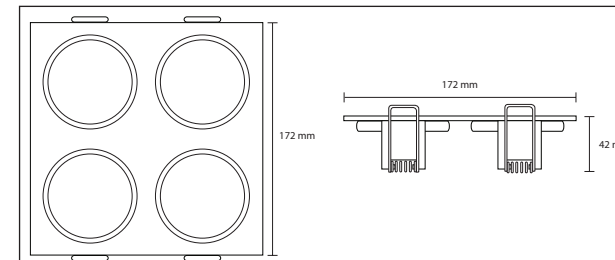
### Luxo 3 ceiling unit rectangular 2 holes

Item nr: Y111332  
Measurements: 42 x 172 x 90 mm (hxwxh)  
Cut-out size: 164 x 82 mm (wxd)  
Housing: Aluminum brushed



### Luxo 3 ceiling unit square 4 holes

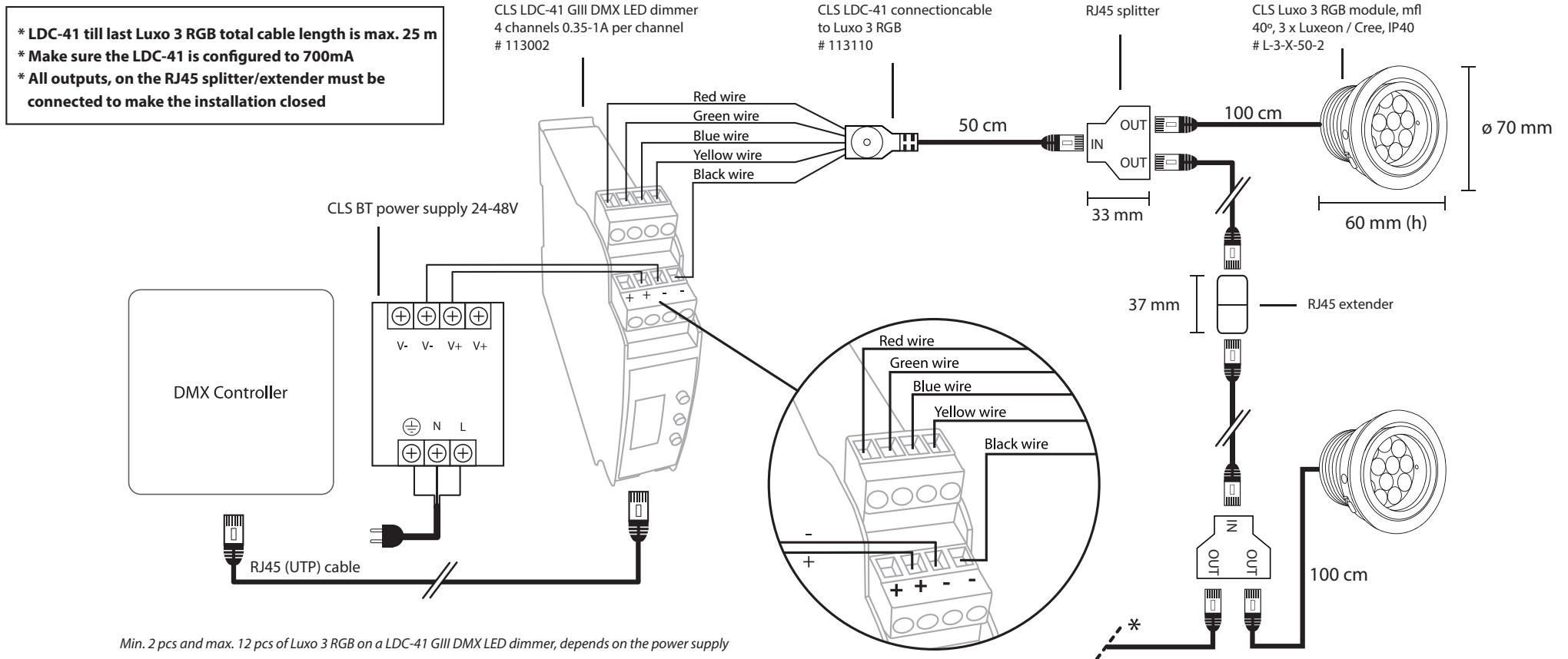
Item nr: Y111324  
Measurements: 42 x 172 x 172 mm (hxwxh)  
Cut-out size: 164 x 164 mm (wxd)  
Housing: Aluminum brushed



# WIRING DIAGRAM LDC-41 GII DMX LED DIMMER

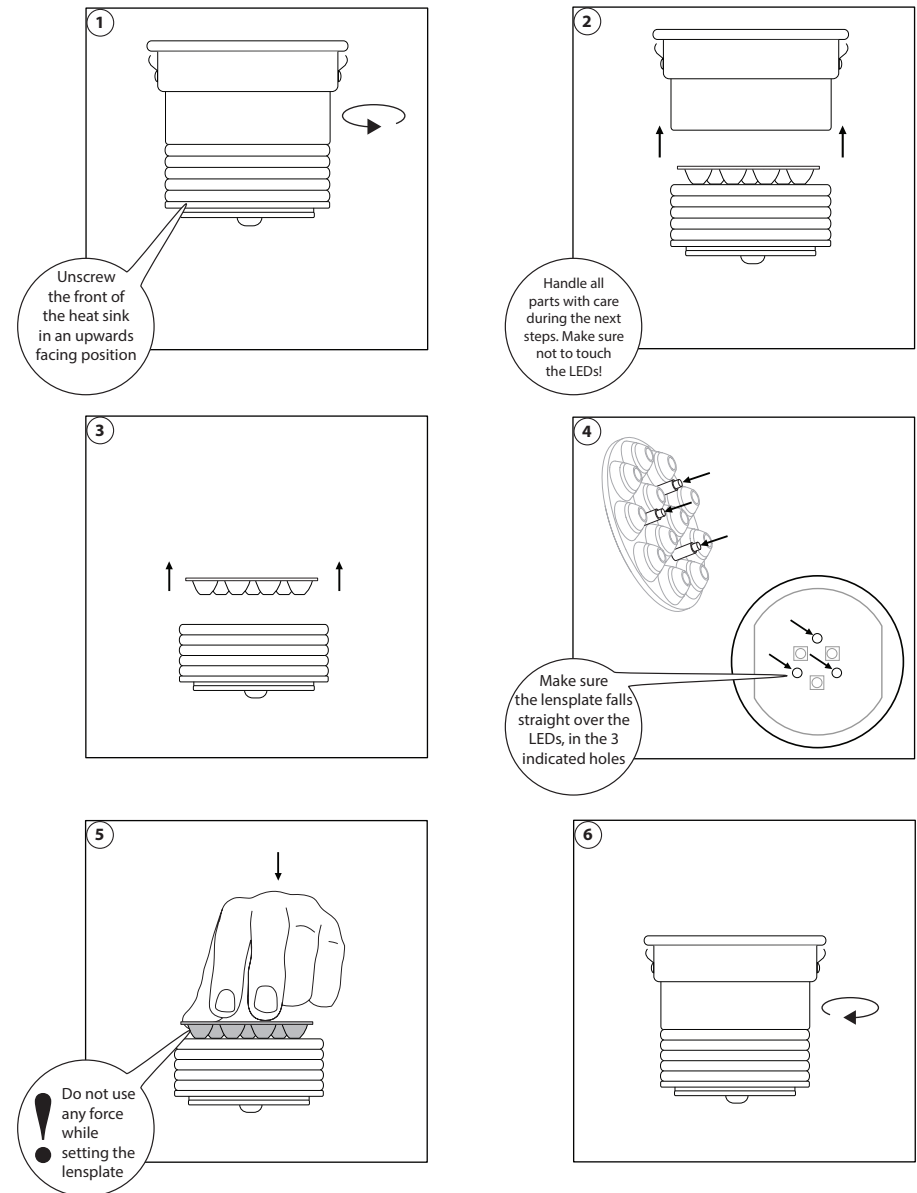
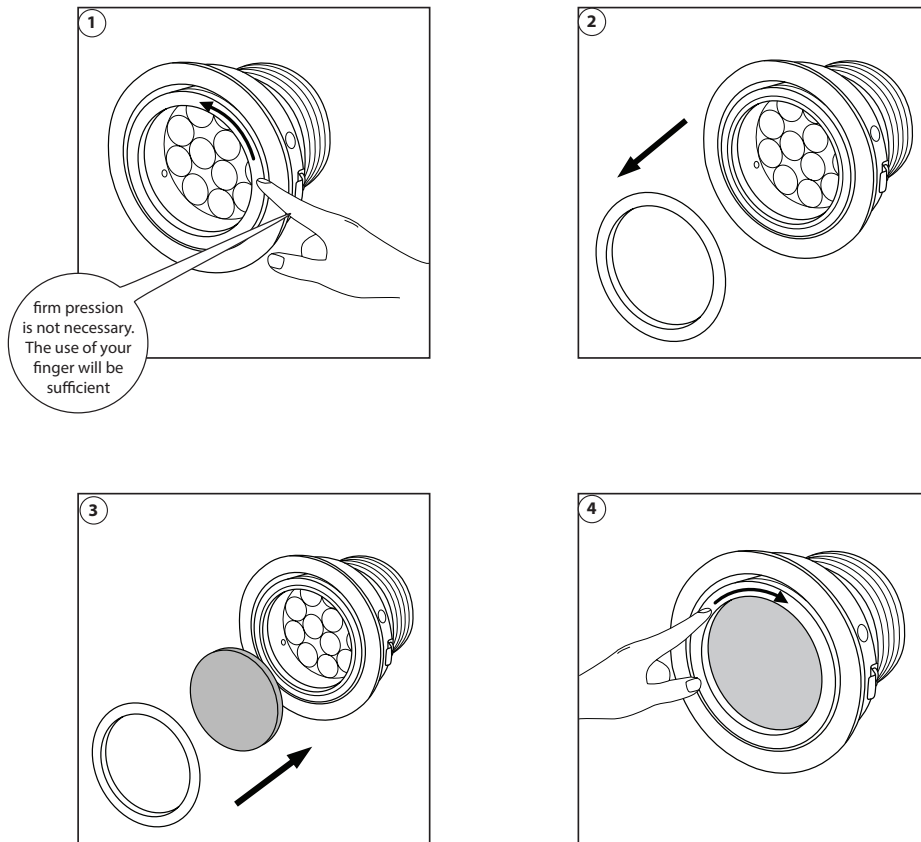
Overview current controlled drivers										
Fixture	Max. Current	Number *	LDC-41	LDC-41	LDC-41	LDC-41	LDC-41	LDC-41	LDC-41	LDC-41
		Dimmable	✓	✓	✓	✓	✓	✓	✓	✓
		External power supply	BT20.24	BT45.24	BT75.24	BT120.24	BT240.24	BT75.48	BT120.48	BT240.48
Luxo 3 RGB	700mA	Total	-	-	-	-	-	-	-	-
		Minimum	2	2	2	2	2	7	7	7
		Maximum	2	5	6	6	6	9	12	12

\* The number of fixtures is divided in 3 categories, total = total amount of fixtures on the driver, minimum = minimum amount of fixtures per channel, maximum = maximum amount of fixtures per channel.



## DIFFUSION GLASS

## LENSPLATE REPLACEMENT



# ACCESSORIES

## ACCESSORIES

113001	CLS LDC-41 GII DMX LED dimmer 4 channels 0.35-1A per channel
113110	CLS LDC-41 connection cable to Luxo 3 RGB
706995	CLS BT20.24 LED power supply 24VDC 20VA 85-264VAC
707011	CLS BT45.24 LED power supply 24VDC 45VA 85-264VAC
707012	CLS BT75.24 LED power supply 24VDC 75VA 85-264VAC
707013	CLS BT120.24 LED power supply 24VDC 120VA 85-264VAC
707014	CLS BT240.24 LED power supply 24VDC 240VA 85-264VAC
707018	CLS BT75.48 LED power supply 48VDC 75VA 85-264VAC
707019	CLS BT120.48 LED power supply 48VDC 120VA 85-264VAC
707020	CLS BT240.48 LED power supply 48VDC 240VA 85-264VAC
706661	CAT5 network cable AWG24 50cm with 2xRJ45 connectors, grey
706667	CLS CAT5 network cable with 2 x RJ45 connectors grey 2mtr
706668	CLS CAT5 network cable with 2 x RJ45 connectors grey 5mtr
706669	CLS CAT5 network cable with 2 x RJ45 connectors grey 10mtr
706672	CLS CAT5 network cable with 2 x RJ45 connectors grey 20mtr
Y111060	CLS multilens flood 60° for Luxo
Y111099	CLS Soft diffusion filter for Luxo 3
Y111311	CLS Luxo 3 round ceiling unit alu-brushed 1 hole
Y111321	CLS Luxo 3 square ceiling unit alu-brushed 1 hole
Y111324	CLS Luxo 3 square ceiling unit alu-brushed 4 holes
Y111332	CLS Luxo 3 rectangular ceiling unit alu-brushed 2 hole
Y111411	CLS Luxo 3 round ceiling unit black 1 hole

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# LIST OF SYMBOLS

	<b>Protection class</b> One, two or three		<b>Retail &amp; Food LED modules</b> Clothing, furniture, kitchens, jewellery, shoes, bread, meat, fish and vegetables & fruit.
	<b>Application area</b> Indoor or outdoor		<b>Colour</b> Available colours: Amber, blue, red or green
	<b>Application area</b> Floor, wall or ceiling		<b>White colour temperature</b> In different Kelvin values: Cold white, neutral white, warm white or extra warm white
	<b>Swivel</b> Fixture is horizontally rotatable, indicated in degrees		<b>Curve</b> Minimal bending curve in centimeters
	<b>Swivel</b> Fixture is vertically rotatable, indicated in degrees		<b>Cutting length</b> Indicated by the cutting marks
	<b>Multiple connection</b> Daisychain connectivity		<b>LED pitch</b> Pitch between the LEDs in millimeters
	<b>Installation depth</b> In centimeters		<b>Power supply</b> In VDC, VAC or milliAmpere
	<b>Installation size</b> In centimeters		<b>Power consumption</b> In VA or Watt
	<b>Cable length</b> Maximum cable attached to the fixture in centimeters		<b>Dimmable</b> 1-10 Volt, Phase, individual, DMX dimmable or DALI
	<b>Driver</b> Inclusive or exclusive internal or external		<b>PWM dimming</b> Traditional PWM dimming, DMX analog or DMX Hybrid dim
	<b>Weight</b> In grams/kilograms		<b>Bluetooth controlled</b> By Casambi
	<b>Pressure</b> Maximum pressure on the fixture in kg/cm²		<b>Magno dimming</b> Accurate dimming from 100 - 1% by using a magnet
	<b>Lifespan</b> Of the light source in hours		<b>Dynamic Control</b> Dynamic Power Control or Dynamic Temperature Control
	<b>Lenses</b> Available lenses, indicated in degrees		<b>DMX input</b> Fixture works on DMX512 protocol or Wireless DMX
	<b>Performance Zoom</b> Adjustable beam angle		<b>Combined product</b> Compose your own fixture
	<b>LEDs</b> Kind of LED used in the fixture		<b>Warranty</b> 3 or 5 years warranty on the product
	<b>Plug &amp; play</b> Easy connection using the SmartConnect system		<b>Conformité Européenne</b> CE marking for free marketability of industrial goods within the EU
	<b>IP value</b> Ingress Protection classifies the degrees of protection provided against the intrusion of the product		<b>Energy label</b>
	<b>Colour changing</b> RGB, RGB-W, RGB-A, AWB or Tunable White		<b>Lightsource</b> Equipped with a CLS, Citizen or a Xicato LED module