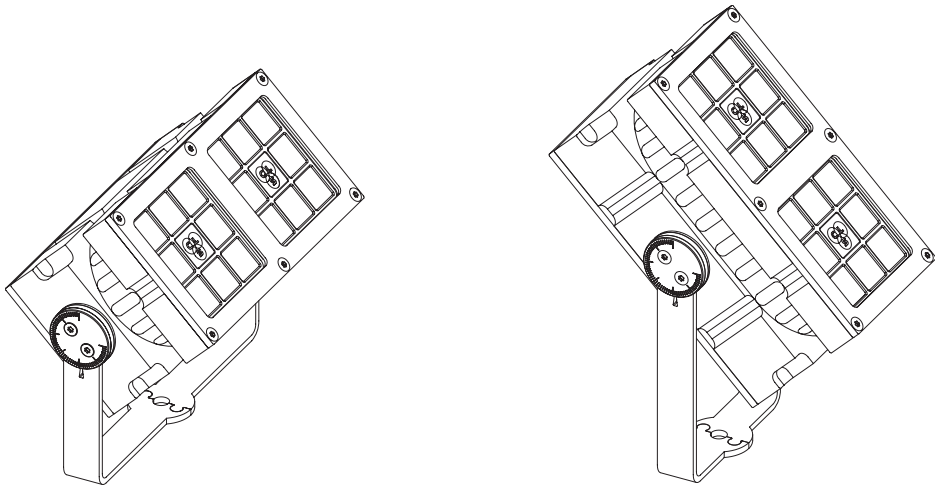
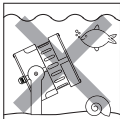





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Content	2	Programming	6
Technical	3	Wireless DMX	6
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SAFETY INFORMATION



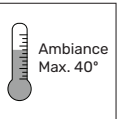
Make sure all connectors are connected properly




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



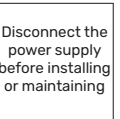
Block access below the work area when maintaining the unit



Don't modify or install genuine parts on this product

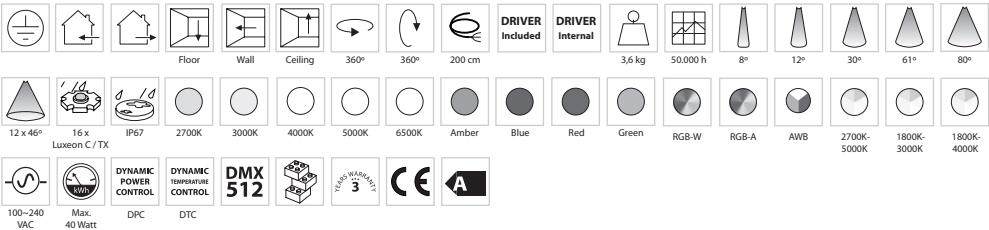


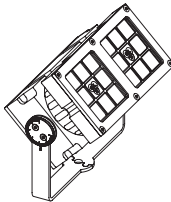
Don't install in a flammable or explosive area



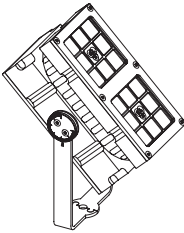
Warning! Some surfaces can be hot

CONTENT

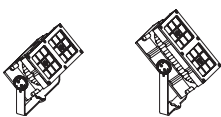




OR



+

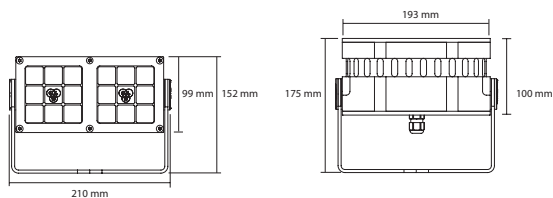


CLS REVO XL DUO DMX SERIES

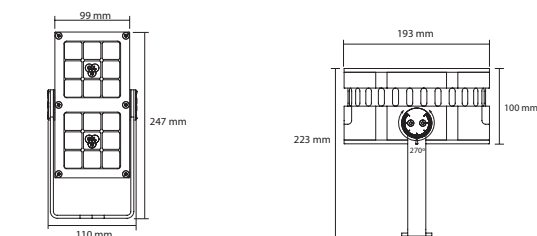
www.cls-led.com

# TECHNICAL

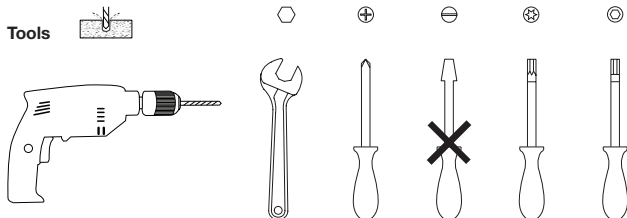
REVO XL DUO DMX (Bracket on long side)



REVO XL DUO DMX (Bracket on short side)



## Tools



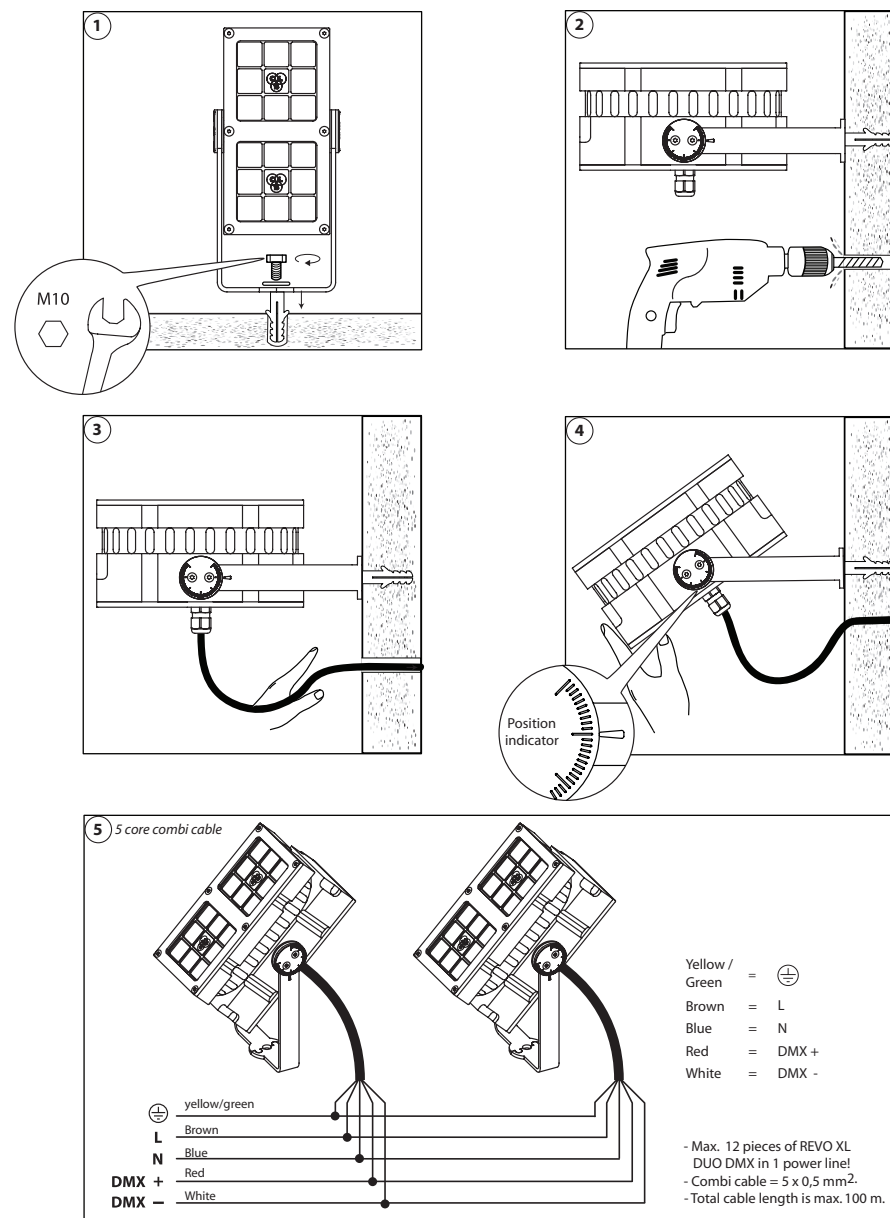
## SPECIFICATIONS

LED:	16 x High Power LED
Available colours:	2700K, 3000K, 4000K, 5000K, 6500K, amber, red, green or Royal blue
Colour changing:	RGBW, RGBA or AWB
Tunable White:	2700-5000K, 1800-3000K or 1800-4000K
Lenses:	8°, 12°, 30°, 61°, 80 or 12x46°
Power supply:	100 ~ 240 VAC
Power factor:	0,95 (230 VAC)
Power consumption:	Max. 40 Watt
Housing:	Anodised aluminum
Weight:	3,6 kg
IP value:	IP67
Cable length:	2 meters
Ambient temperature:	-30° C till +50° C

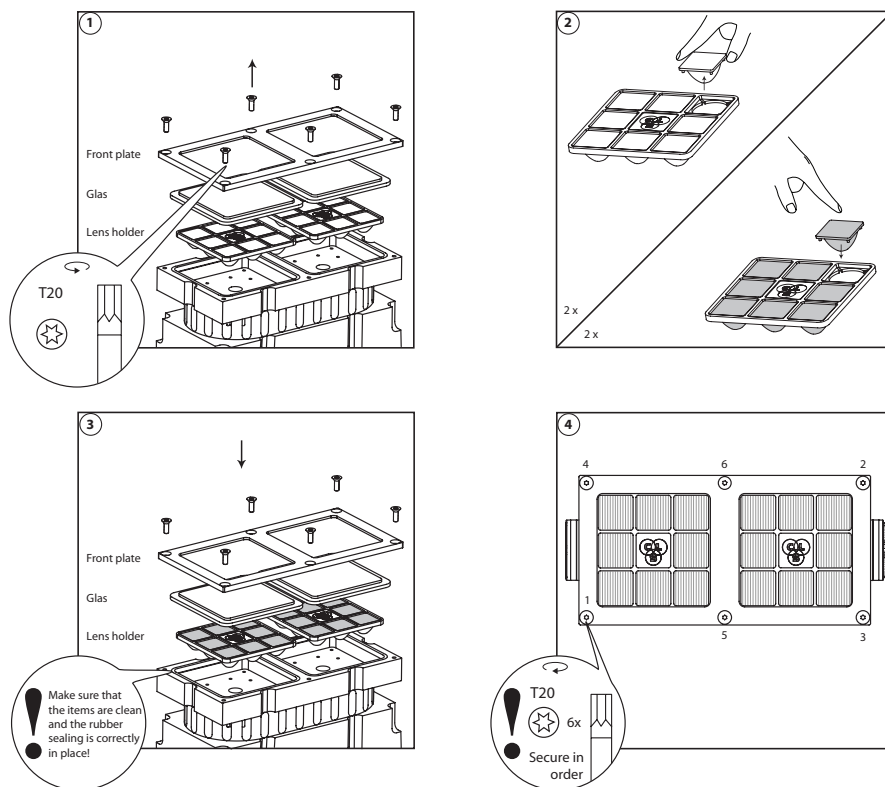
## ACCESSORIES

110415	CLS Revo lens kit superspot 8°, 8 lenses
110425	CLS Revo lens kit spot 12°, 8 lenses
110435	CLS Revo lens kit medium flood 30°, 8 lenses
110445	CLS Revo lens kit wide flood 61°, 8 lenses
110455	CLS Revo lens kit elliptical 12x46°, 8 lenses
871992	CLS mold set, straight 8-26mm
122200	CLS D-ta DMX/adresser unit
Y110795-G	CLS Revo XL snoot grey
Y110795-B	CLS Revo XL snoot black
Y110776	CLS Power/DMX combi cable outdoor (per meter)
Y110777	CLS Power/DMX combi cable outdoor 100 meters
Y106017	CLS Magnet pin (5 pcs)

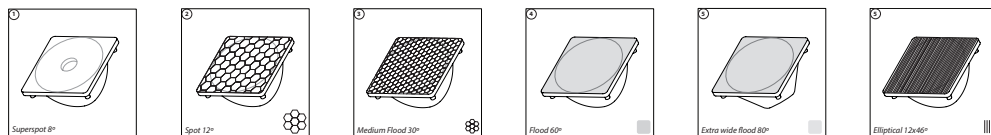
# INSTALLATION



# LENS REPLACEMENT



## LENS INDEX

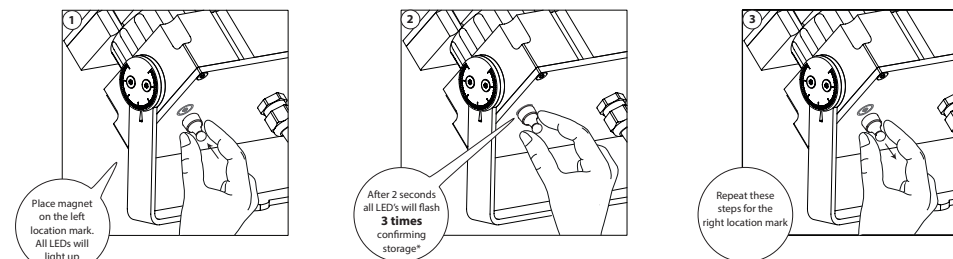


# PROGRAMMING

All settings can be configured via DMX. Settings can be configured at once or separately. When one or a couple settings needs to be changed just leave all other setting values zero. This keeps those settings unchanged. Please check the table for more information.

Always use a DMX controller with digital interface. If not available, you can purchase the CLS D-ta DMX addresser unit (#122200).

First make sure to set the DATA on the DMX controller. To program the setting into the LED fixture follow the next steps.



\* If all LEDs flash **10 times**, something went wrong. Please try again. If the problem continues to occur, please contact your local sales distributor.

## WIRELESS DMX

See the Manual of Wireless Solutions. The Manual can be found on our CLS website, in the Downloads section. Or use the link below  
<https://www.cls-led.com/wp-content/uploads/cls-files/W-DMX-manual.pdf>

### Unlink procedure

When the fixture does not receive a DMX signal (DMX controller off), place the magnet on the bottom of the fixture for 5 seconds. Slow flash indicates that the fixture is unlinked.

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# PROGRAMMING TABLE

PROGRAMMING TABLE				
DMX	Function	Data	Parameters	Description
CH1	Set address 001 to 255	0 1...255	0 = no change * DMX address = 1...255	Use this DMX channel to set address from 001 to 255. The configured DMX address is called "n"
CH2	Set address 256 to 508	0 1...255	no change DMX address = 256...508	Use this DMX channel to set address from 256 to 508. The configured DMX address is called "n"
CH3	Static behavior	0 1 2 3	no change last DMX value * output off load static values	If no DMX is present the fixture will respond like set in this function.
CH4	Soft dim	0 1 2 3-250	no change off * dynamic fixed interpolation delay	When dynamic softdim is activated an extra DMX channel behind the colours and/or Master controls the soft dim reaction. If fixed no extra DMX channel is used.
CH5	Master control	0 1 2 3	no change no master used * master is first channel master is last channel	If master is first channel is selected the channel will be DMX channel "n". If master is last channel is selected the channel will be "n-x" ("x" is calculated in the output patch).
CH6	Output 1 patch	0 1 2 3 4	no change DMX channel n DMX channel n+1 DMX channel n+2 DMX channel n+3	Each output channel can be patched to respond to the desired DMX channel. This enables the user to mix up the colours according to the controller that is used.
CH7	Output 2 patch	0 1 2 3 4	no change DMX channel n DMX channel n+1 DMX channel n+2 DMX channel n+3	<b>Example: all outputs are patched as 1</b> All outputs will be controlled by DMX channel "n". If master is used total DMX channels will be 2 otherwise it uses 1 channel ("x" = 1).
CH8	Output 3 patch	0 1 2 3 4	no change DMX channel n DMX channel n+1 DMX channel n+2 DMX channel n+3	<b>Example: output 1&amp;2 are patched as 1 and 3&amp;4 are patched as 2</b> Output 1&2 will be controlled by DMX channel "n". Output 3&4 will be controlled by DMX channel "n+1".
CH9	Output 4 patch	0 1 2 3 4	no change DMX channel n DMX channel n+1 DMX channel n+2 DMX channel n+3	If master is used total DMX channels will be 3 otherwise it uses 2 channels ("x" = 2).
CH10	Static output 1	0 1 2...255	no change output off intensity 2...255 *(255)	Each output channel can be set to a static intensity.
CH11	Static output 2	0 1 2...255	no change output off intensity 2...255 *(255)	If no DMX is present and Static behavior is set to "load static values". The outputs will be set to the configured intensity values.
CH12	Static output 3	0 1 2...255	no change output off intensity 2...255 *(255)	
CH13	Static output 4	0 1 2...255	no change output off intensity 2...255 *(255)	
CH14	Load default settings	0 1	no change load Factory settings	This function resets all settings to the Factory setting.
CH15	Input Resolution setting	0 1 2	no change 8 bit * 16 bit	In 16 bit mode 2 channels are used per colour. First channel is rough channel, second channel fine. 16 bit mode is only available in DRIVE mode 2.
CH16	Drive mode setting	0 1 2 3 4 5	no change compatible with version < 2020 PWM frequency 0.7kHz * PWM frequency 1.4kHz PWM frequency 2.8kHz PWM frequency 5.6kHz	You can set the frequency of the PWM for best compatibility with Camera Systems. However, the highest resolution of the dimming curve will be at the lowest frequency. Option 1 can be used to be compatible with older installation and new fixtures.

\* Default setting

	<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/cm <sup>2</sup>		<b>Magne 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>Lightsources</b> Equipped with a CLS, Bridgelux or a Xicato LED module