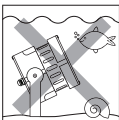



Index	2	Lens replacement	5
Safety information	2	Lens index	5
Content	2	Programming	6
Technical	3	Factory settings table	6
Specifications	3	Programming table	7
Installation	4	List of symbols	8


SAFETY INFORMATION



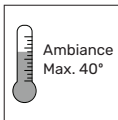
Make sure all connectors are connected properly




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



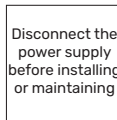
Block access below the work area when maintaining the unit



Don't modify or install genuine parts on this product

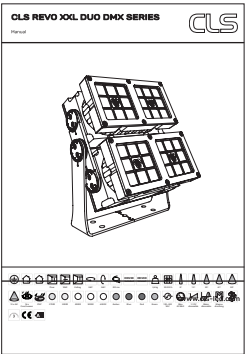
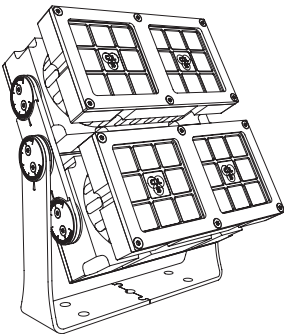




















Don't install in a flammable or explosive area











Warning! Some surfaces can be hot

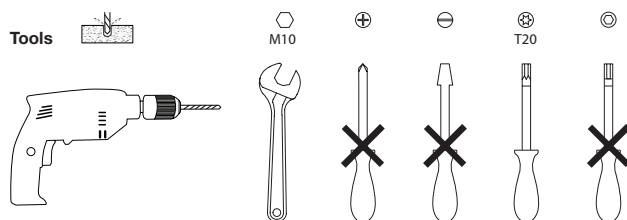
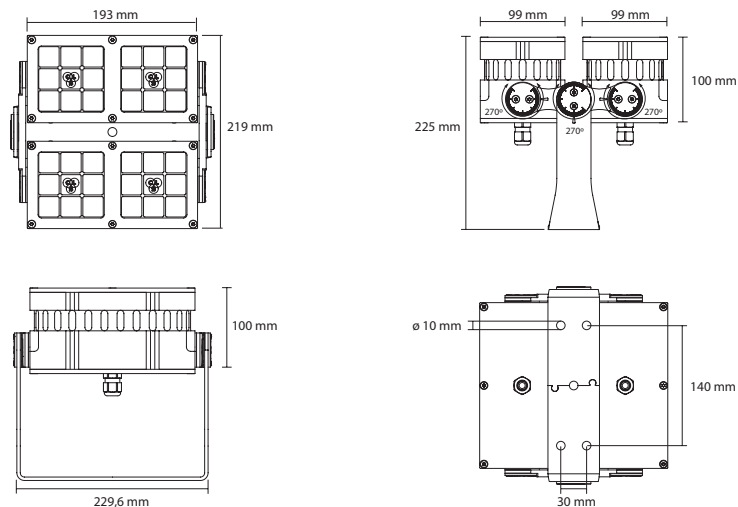
CONTENT







# TECHNICAL



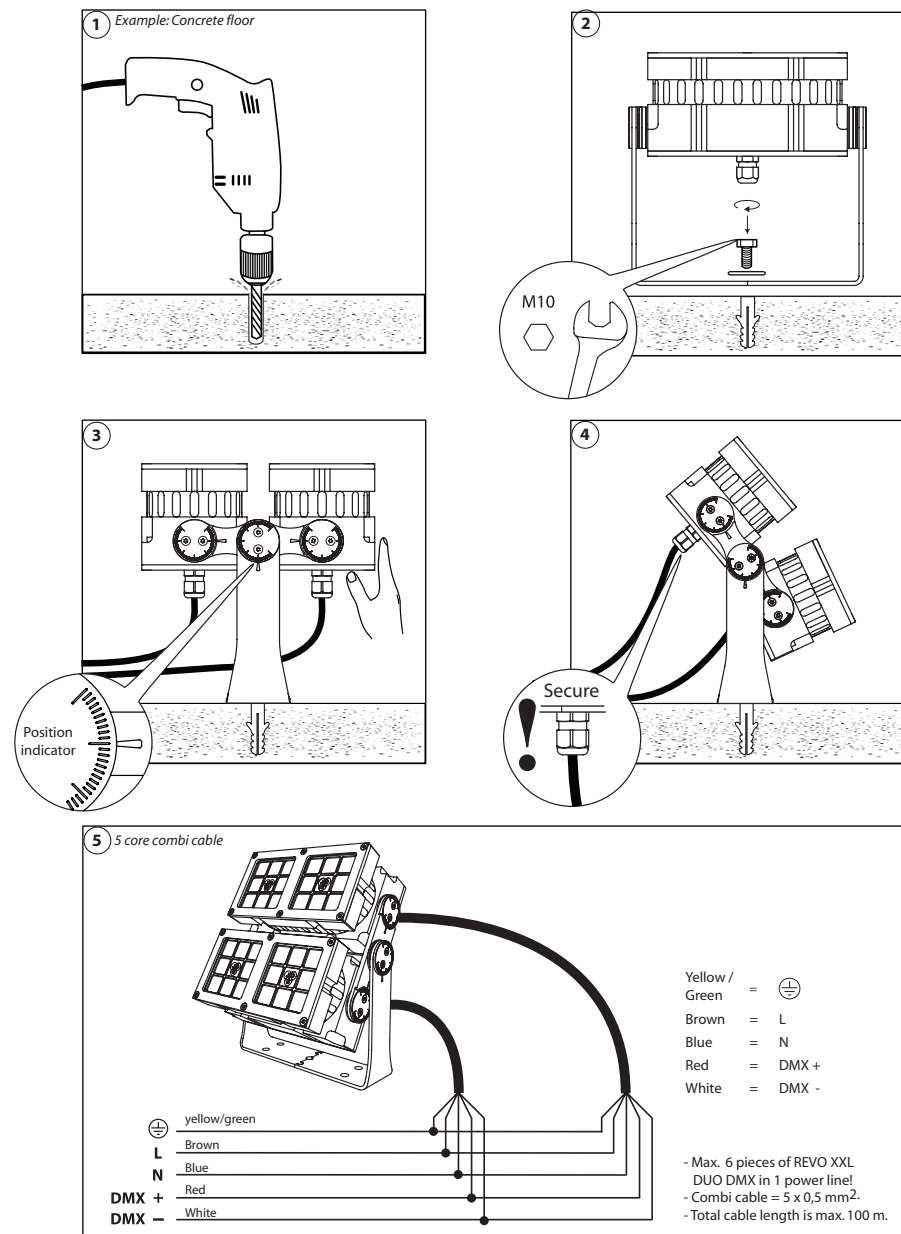
## SPECIFICATIONS

LED: 32 x Luxeon C / TX  
 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 and 12x46°  
 Power supply: 100 ~ 240 VAC  
 Power factor: > 0,99 (115VAC), > 0,95 (230 VAC)  
 Power consumption: Max. 80 Watt  
 Housing: Anodised aluminum  
 Weight: 5,75 kg  
 IP value: IP67  
 Cable length: 2 meters  
 Ambient temperature: -30° C till +50° C

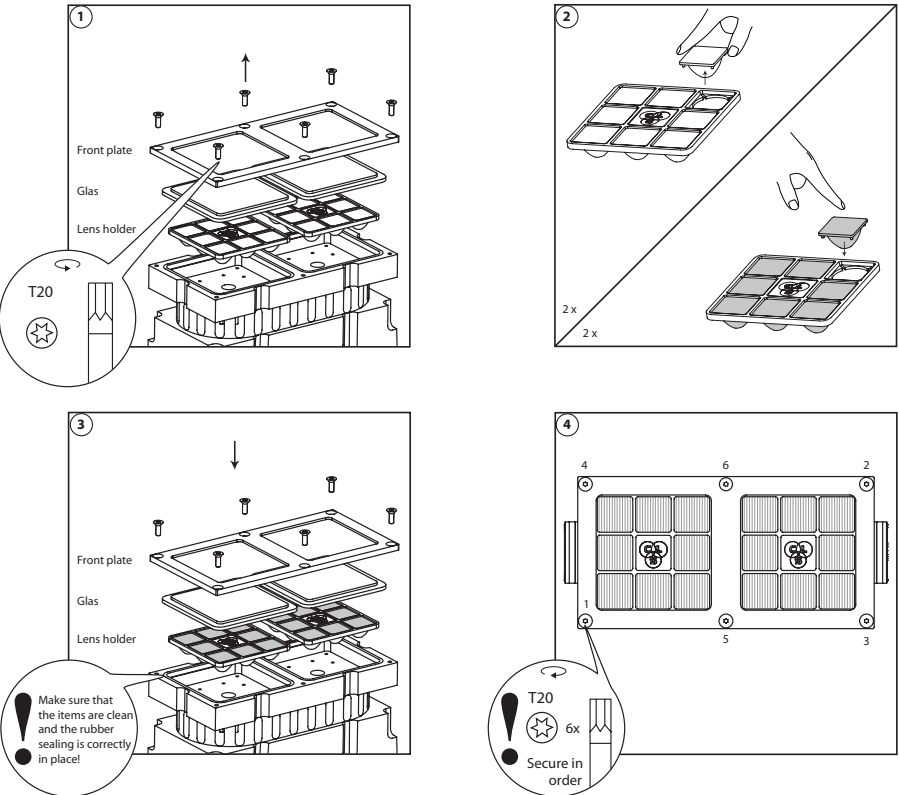
## ACCESSORIES

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  
 871995 CLS mold set Paguro grey  
 122200 CLS D-ta DMX/addresser 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  
 Y106016 CLS Magnet pin (4 pcs)

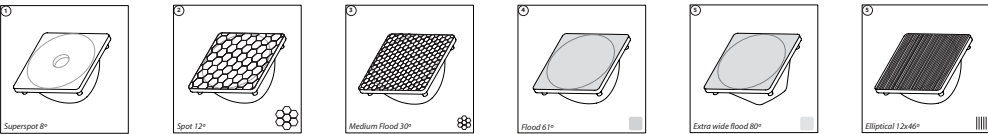
# INSTALLATION



# LENS REPLACEMENT



## LENS INDEX

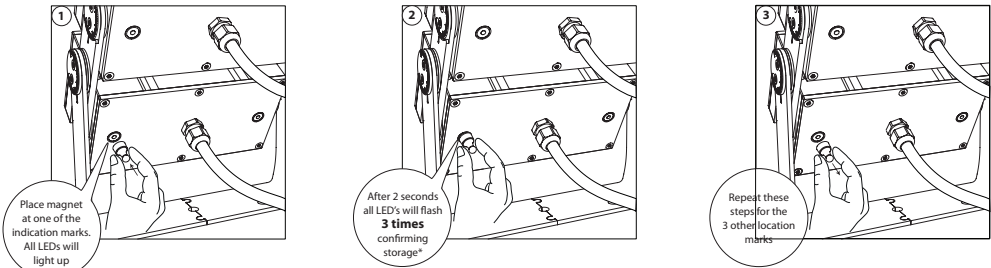


# PROGRAMMING

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 LED's flash 10 times, something went wrong. Please try again. If the problem continues to occur, please contact your local sales distributor.

## FACTORY SETTING TABLE

FACTORY SETTING TABLE													
Row #	Fixture type	Address	Static behavior	Soft dim	Master control	Output 1 patch	Output 2 patch	Output 3 patch	Output 4 patch	Static output 1	Static output 2	Static output 3	Static output 4
1	RGBW	1	1	Off	Off	1 (R)	2 (G)	3 (B)	4 (W)	255	255	255	255
2	RGBA	1	1	Off	Off	1 (R)	2 (G)	3 (B)	4 (A)	255	255	255	255
3	AWB	1	1	Off	Off	3 (B)	2 (W)	1 (A)	2 (W)	255	255	255	255
4	1800-3000K	1	1	Off	Off	1 (18)	2 (30)	1(18)	2(30)	255	255	255	255
5	1800-4000K	1	1	Off	Off	1 (18)	2 (40)	1(18)	2(40)	255	255	255	255
6	2700-5000K	1	1	Off	Off	1 (27)	2 (50)	1(27)	2(50)	255	255	255	255
7	Single colour	1	1	Off	Off	1	1	1	1	255	255	255	255

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# PROGRAMMING TABLE

PROGRAMMING TABLE				
DMX	Function	Data	Parameters	Description
CH1	Set address 001 to 255	0	0 = no change	Use this DMX channel to set address from 001 to 255. The configured DMX address is called "n"
		1...255	DMX address = 1...255	
CH2	Set address 256 to 508	0	no change	Use this DMX channel to set address from 256 to 508. The configured DMX address is called "n"
		1...255	DMX address = 256...508	
CH3	Static behavior	0	no change	If no DMX is present the fixture will respond like set in this function.
		1	last DMX value	
		2	output off	
		3	load static values	
CH4	Soft dim	0	no change	Soft dim will interpolate between the DMX values. This function makes the dim curve smoother
		1	off	
		2	on	
CH5	Master control	0	no change	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).
		1	no master used	
		2	master is first channel	
		3	master is last channel	
CH6	Output 1 patch	0	no change	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.
		1	DMX channel n	
		2	DMX channel n+1	
		3	DMX channel n+2	
		4	DMX channel n+3	
CH7	Output 2 patch	0	no change	<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).
		1	DMX channel n	
		2	DMX channel n+1	
		3	DMX channel n+2	
		4	DMX channel n+3	
CH8	Output 3 patch	0	no change	<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". If master is used total DMX channels will be 3 otherwise it uses 2 channels ("x" = 2).
		1	DMX channel n	
		2	DMX channel n+1	
		3	DMX channel n+2	
		4	DMX channel n+3	
CH9	Output 4 patch	0	no change	
		1	DMX channel n	
		2	DMX channel n+1	
		3	DMX channel n+2	
		4	DMX channel n+3	
CH10	Static output 1	0	no change	Each output channel can be set to a static intensity.
		1	output off	
		2...255	intensity 2...255	
CH11	Static output 2	0	no change	If no DMX is present and Static behavior is set to "load static values". The outputs will be set to the configured intensity values.
		1	output off	
		2...255	intensity 2...255	
CH12	Static output 3	0	no change	
		1	output off	
		2...255	intensity 2...255	
CH13	Static output 4	0	no change	
		1	output off	
		2...255	intensity 2...255	
CH14	Load default settings	0	no change	This function resets all settings to the Factory setting. Check Factory setting table.
		X	Load Factory settings. X is row number factory setting table.	

# 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 & 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>Bluetooth controlled</b> By Casambi
	<b>Weight</b> In grams/kilograms		<b>Magno dimming</b> Accurate dimming from 100 - 1% by using a magnet
	<b>Pressure</b> Maximum pressure on the fixture in kg/cm²		<b>Dynamic Control</b> Dynamic Power Control or Dynamic Temperature Control
	<b>Lifespan</b> Of the light source in hours		<b>DMX input</b> Fixture works on DMX512 protocol
	<b>Lenses</b> Available lenses, indicated in degrees		<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