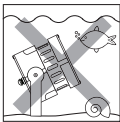



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Technical	3	Accessory assembly	7	List of symbols	11
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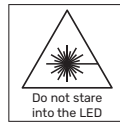
SAFETY INFORMATION



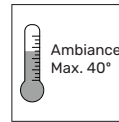
Do not touch the LED surface



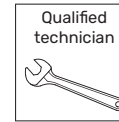
Do not stare into the LED



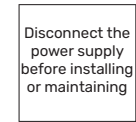
Do not stare into the LED



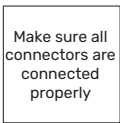
Ambiance
Max. 40°



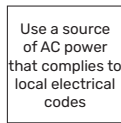
Qualified technician



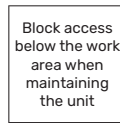
Disconnect the power supply before installing or maintaining



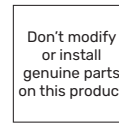
Make sure all connectors are connected properly




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



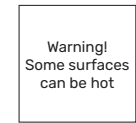
Block access below the work area when maintaining the unit



Don't modify or install genuine parts on this product

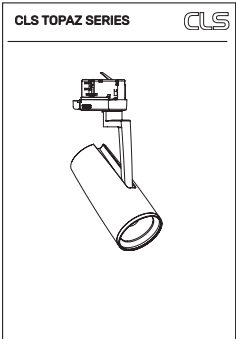
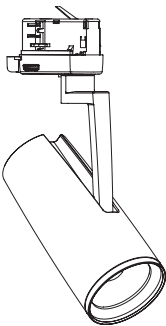



Don't install in a flammable or explosive area




Warning!
Some surfaces can be hot

CONTENT







Ceiling




360°




90°




B: 200 cm




DRIVER INCLUDED




DRIVER INTERNAL




780 gr




50.000 h




19°




25°




35°




55°




IP20




RGBA




RGBW 3000K




RGBW 4000K




100 - 240 VAC




15 Watt Max.




CLS DYNAMIC COLOUR CHIP




DMX 512




CAS MBI Bluetooth by Casambi




DMX Wireless DMX



5 YEAR WARRANTY

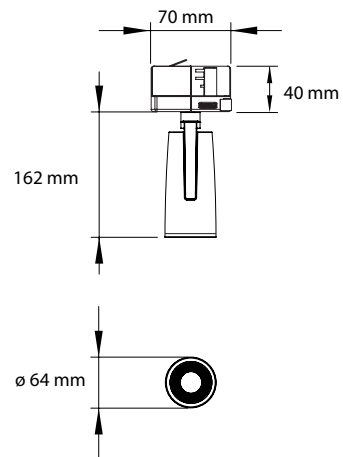


CE

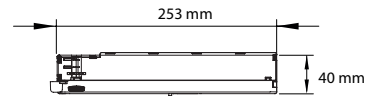


A+

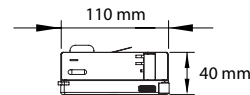
Topaz ColourFlow



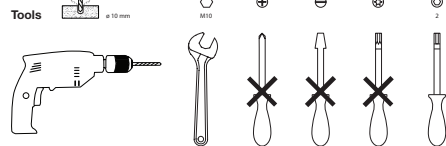
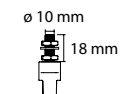
Casambi adapter



DMX adapter



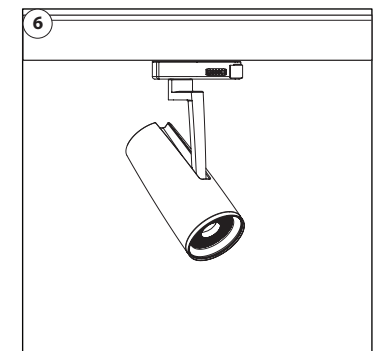
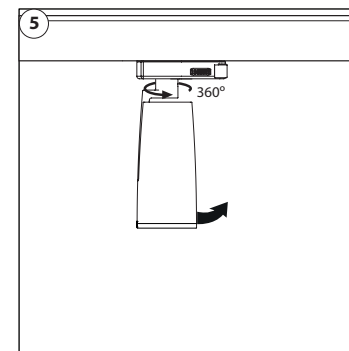
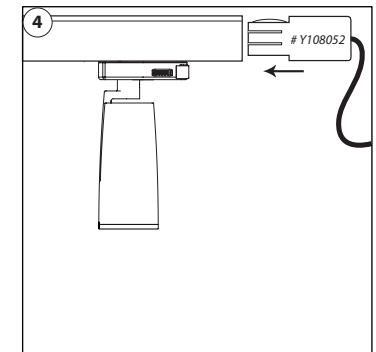
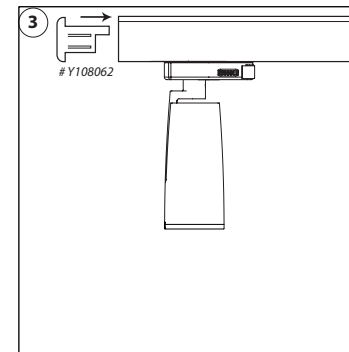
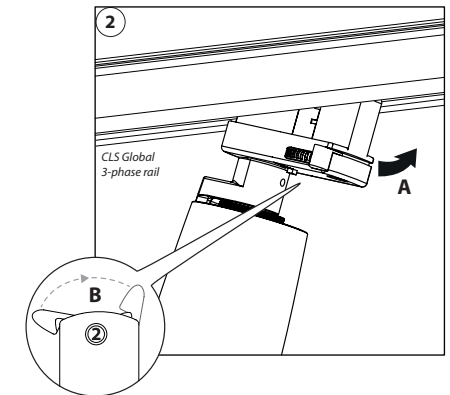
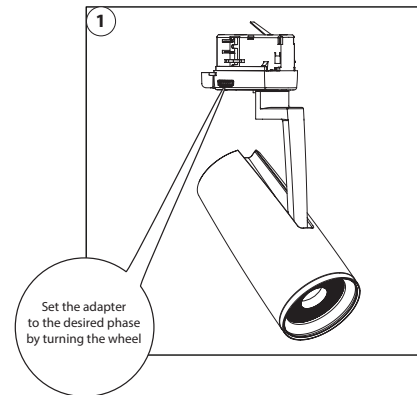
Bolt Mounting



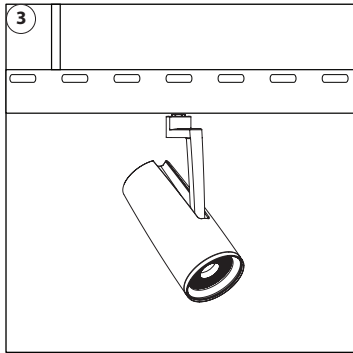
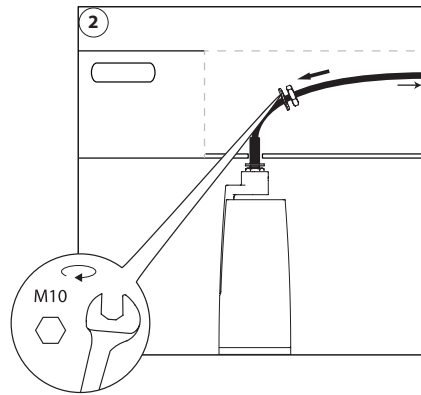
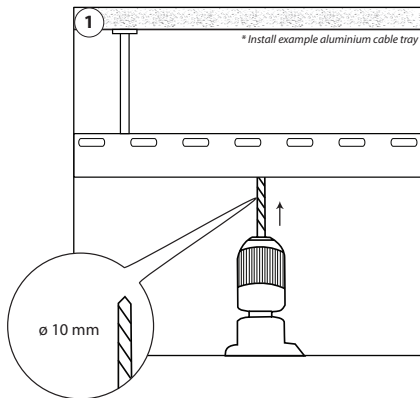
SPECIFICATIONS

LED: CLS Dynamic Colour Chip
 Available colours: RGBA, RGBW (w: 3000K) & RGBW (w: 4000K)
 Optics: 19°, 25°, 35° or 55°
 Power supply: 100 ~ 240 VAC
 Power consumption: Max. 15 Watt

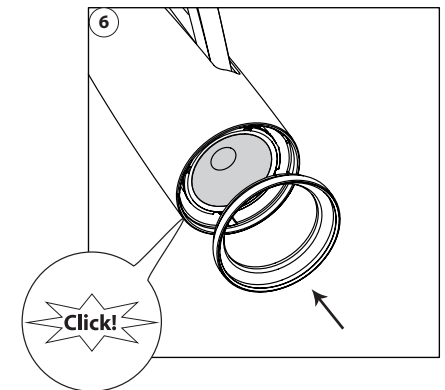
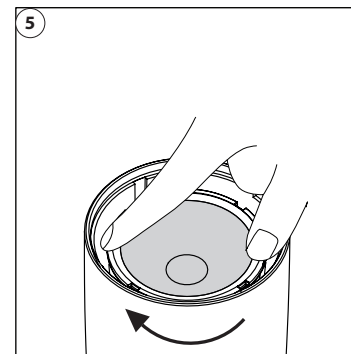
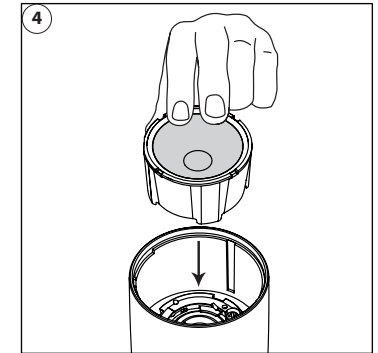
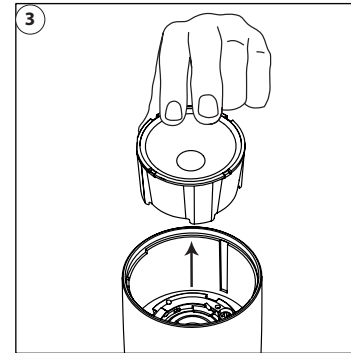
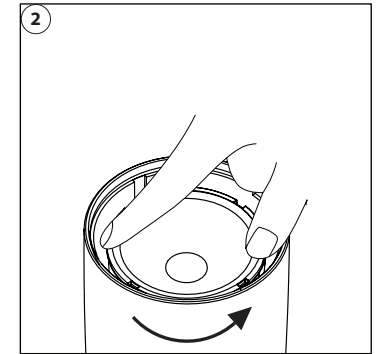
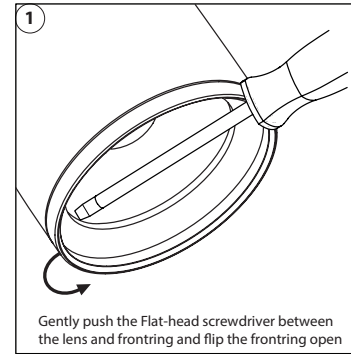
Housing: Black or white coated aluminium
 Weight: 780 gr
 IP value: IP20
 Measurements: See drawing
 Ambient temperature: -10° C till +40° C



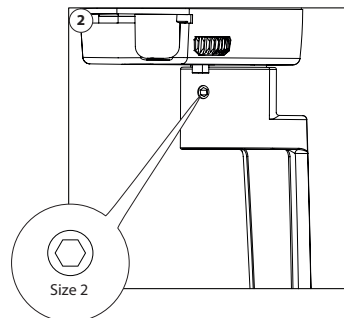
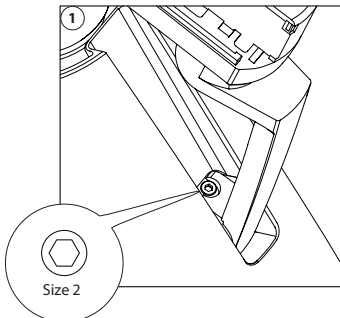
INSTALLATION BOLT



LENS CHANGE

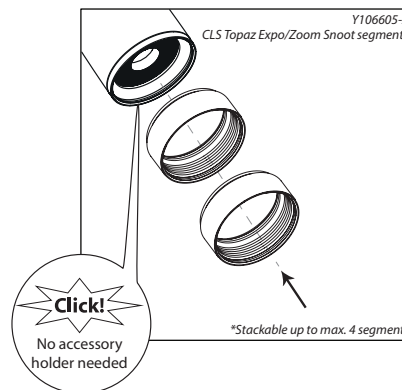
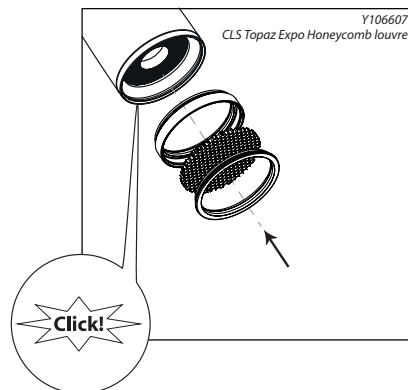
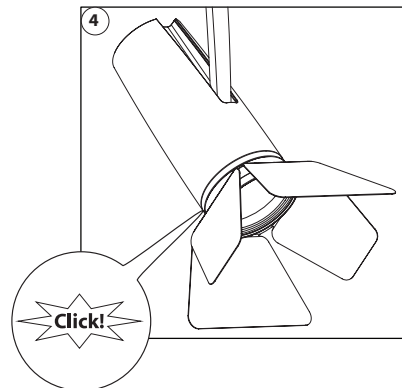
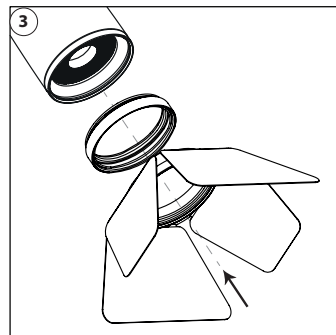
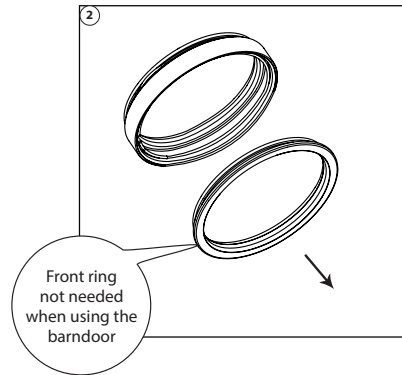
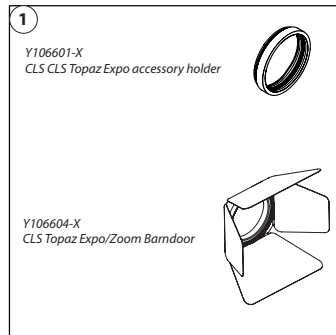


LOCK POSITION



ACCESSORY ASSEMBLY

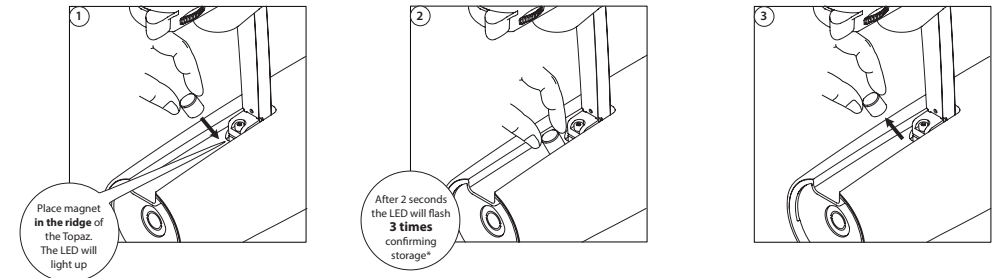
PROGRAMMING



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 universal DMX controller with digital interface.

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



* If the LEDs flashes 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.

BLUETOOTH BY CASAMBI

For Casambi controlled fixtures, see the manual of Casambi. 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-products/CLS_CASAMBI/MANUAL/Manual_Casambi_controlsistem_EN.pdf

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 1 to 255.
		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
		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	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. Value x delay is x*0.1 seconds, varying from 0.1-25.5 seconds.
		1	Off	
		2	Standard	
		3	Dynamic delay	
		4-255	Fixed delay	
CH10	Static output	0	No change	Each output channel can be set to a static intensity. 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	
CH14	Load default settings	0	No change	This function resets all settings to the Factory setting.
		1	Load Factory settings.	
CH17	DMX control	0	No change	The intensity control of the output via DMX can be disabled. To enable it again use RDM or power cycle with magnet in place. Wait until flash sequence and remove the magnet.
		2	Disable	

ACCESSORIES

ACCESSORIES

Y110855	CLS 3-phase multi adapter grey XTSA 68
Y110865	CLS 3-phase multi adapter white XTSA 68
Y110875	CLS 3-phase multi adapter black XTSA 68
Y110880	CLS T-connector grey for 3-phaserail, ground left
Y110881	CLS T-connector black for 3-phaserail, ground left
Y110882	CLS T-connector white for 3-phaserail, ground left
Y110925	CLS Global 3-phase rail 1mtr aluminum XTS 4100
Y110926	CLS Global 3-phase rail 2 metre aluminum XTS 4200
Y110927	CLS Global 3-phase rail 2mtr black XTS 4200
Y110928	CLS Global 3-phase rail 3mtr aluminum XTS 4300
Y110929	CLS Global 3-phase rail 4mtr aluminum XTS 4100
Y110930	CLS Global 3-phase rail 3mtr white XTS 4300
Y110931	CLS Global 3-phase rail 3mtr black XTS 4300
Y110932	CLS Global 3-phase rail 4mtr black XTS 4400











Y110935	CLS end piece for 3-phase rail grey XTS 41
Y110938	CLS end piece for 3-phase rail black XTS 41
Y110939	CLS end piece for 3-phase rail white XTS 41-3
Y110945	CLS connection box for 3-phase rail, grey XTS 11
Y110946	CLS connection box for 3-phase rail, grey XTS 12
Y110950	CLS connection box for 3-phase rail black XTS 11
Y110954	CLS L-connector grey for 3-faserail, ground left

Y110954	CLS L-connector grey for 3-faserail, ground left
Y110955	CLS L-connector grey for 3-faserail, ground right
Y110960	CLS connect piece gray (connect rail-rail) XTS
Y110961	CLS connect piece white (connect rail-rail) XTS21
Y110962	CLS connect piece black (connect rail-rail) XTS
Y110965	CLS hanging bracke for 3-phase rail, grey SKB16
Y110966	CLS hanging set, grey SKB12 with 1.5 mtr steel
Y110970	CLS bending tool XTSV 12
Y110980	CLS round mountingdisk GA70 grey
Y110985	CLS round mountingdisk GA70 white
Y110990	CLS round mountingdisk GA70 black

Y106601-B	CLS Topaz Expo/CF accessory holder black
Y106601-W	CLS Topaz Expo/CF accessory holder white
Y106603-B	CLS Topaz Expo/CF/Zoom Snoot segment 20mm black
Y106603-W	CLS Topaz Expo/CF/Zoom Snoot segment 20mm white
Y106604-B	CLS Topaz Expo/CF/Zoom Barndoor black
Y106604-W	CLS Topaz Expo/CF/Zoom Barndoor black
Y106605	CLS Topaz Expo/CF filterholder
Y106606	CLS Topaz Expo/CF Oval beam shaper set

ACCESSORY OVERVIEW

If you want the accessories shown in the left column, you need to combine the articles marked with the ✓*

						
	Y106601-B/W	Y106604-B/W	Y106607	Y106603-B/W	Y106605	Y106606
 Barndoor		✓				
 Honeycomb	✓		✓			
 Snoot				✓		
 Filter set	✓				✓	
 Oval Beam set	✓				✓	✓

*All accessories can be combined together

LIST OF SYMBOLS

	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		Colour Available colours: Amber, blue, red or green
	Application area Floor, wall or ceiling		White colour temperature In different Kelvin values: Cold white, neutral white, warm white or extra warm white
	Swivel Fixture is horizontally rotatable, indicated in degrees		Curve Minimal bending curve in centimeters
	Swivel Fixture is vertically rotatable, indicated in degrees		Cutting length Indicated by the cutting marks
	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 Casambi & Local Dim
	Pressure Maximum pressure on the fixture in kg/cm²		Magno 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, AWB or Tunable White		Lightsource Equipped with a CLS, Bridgelux or a Xicato LED module

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