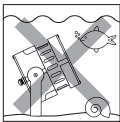



Index	2	Installation Global	4	Programming	9
Safety information	2	Installation Bolt	5	Programming table	10
Content	2	Kit assembly	6	Accessories	11
Technical	3	Accessory assembly	7	Accessory overview	11
Specifications	3	Dim Methods	8	List of symbols	12

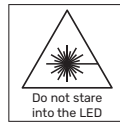
SAFETY INFORMATION



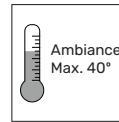
Make sure all connectors are connected properly



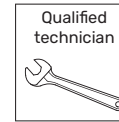
Use a source of AC power that complies to local electrical codes



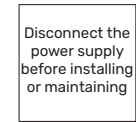
Block access below the work area when maintaining the unit



Don't modify or install genuine parts on this product

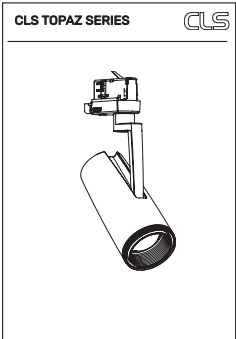
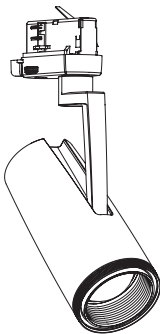



Don't install in a flammable or explosive area




Warning! Some surfaces can be hot

CONTENT







Ceiling




340°




90°




B: 200 cm




DRIVER INCLUDED




DRIVER INTERNAL




780 gr




50,000 h




9° - 58°




IP20




2700K




3000K




3500K




4000K




100 - 240 VAC




15 Watt Max.




Local Dim




Roto Dim




DMX dimmable




DALI dimmable




CASAMBI Bluetooth by Casambi




DMX Wireless DMX




5 YEAR WARRANTY




CE



A+

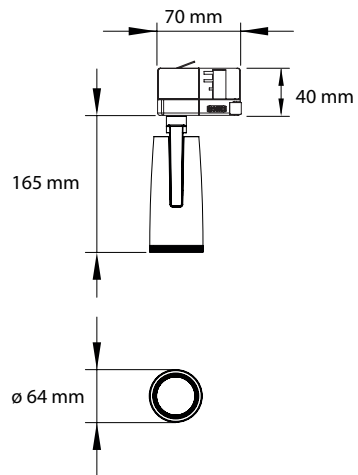


LIGHTSOURCE BY XICATO

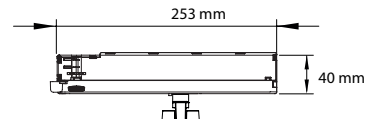


bridgeLux

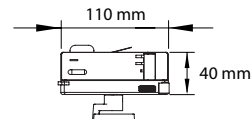
Topaz Profile



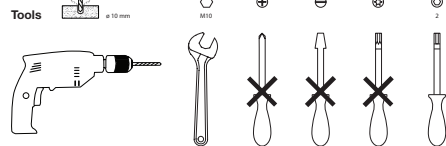
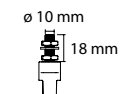
Casambi adapter



DMX adapter



Bolt Mounting



SPECIFICATIONS

LED: Bridgelux or Xicato

Available colours: CRI>90 : 2700K, 3000K, 3500K & 4000K
CRI>98 : 2700K, 3000K, 3500K & 4000K
1800K-4000K & 2700K-6500K

Tunable White: 1800K-4000K & 2700K-6500K

Zoom: 9° - 58°

Power supply: 100 ~ 240 VAC (Roto Dim, DMX, W-DMX)
200 ~ 240 VAC (Non Dim, Local Dim)
220 ~ 240 VAC (Casambi)

Power consumption: Max. 15 Watt

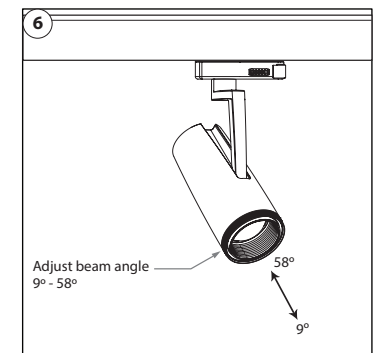
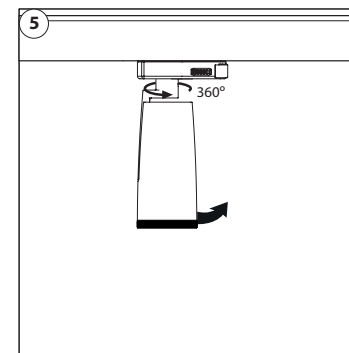
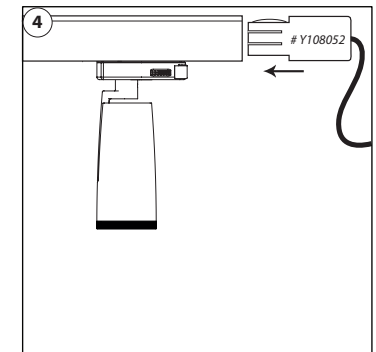
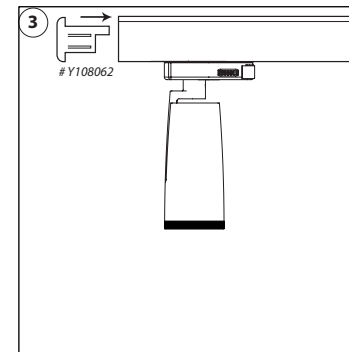
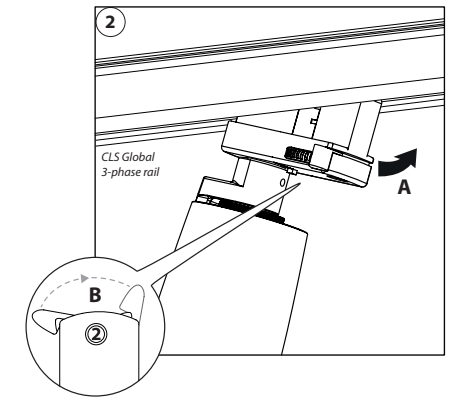
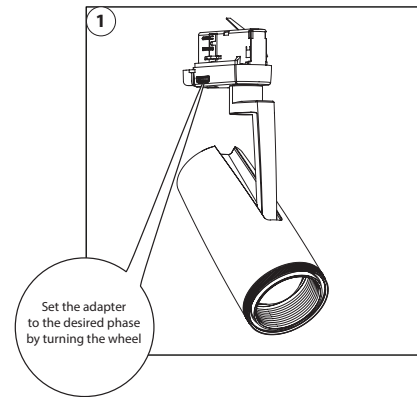
Housing: Black or white coated aluminium

Weight: 780 gr

IP value: IP20

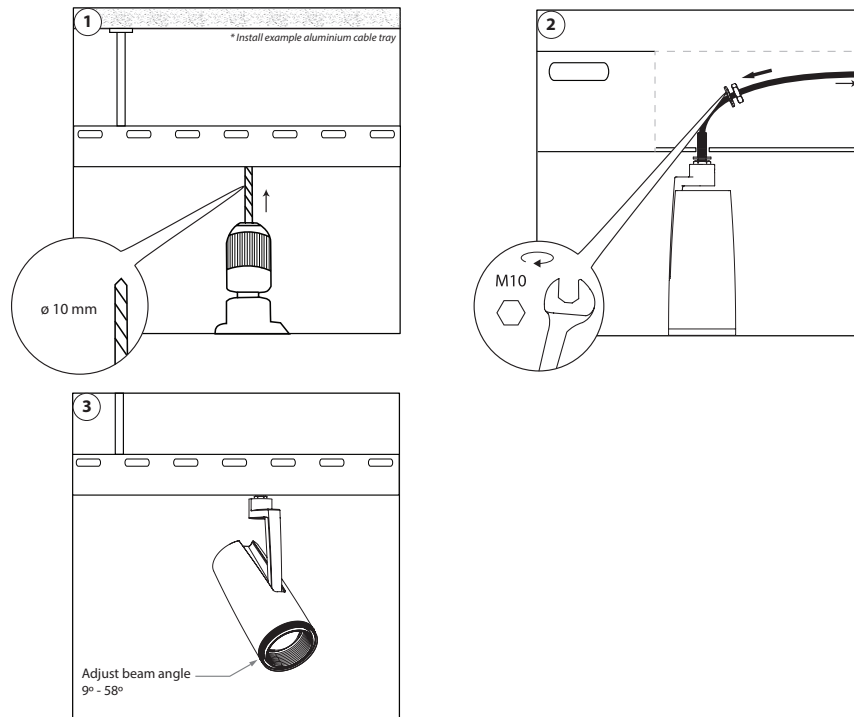
Measurements: See drawing

Ambient temperature: -10° C till +40° C

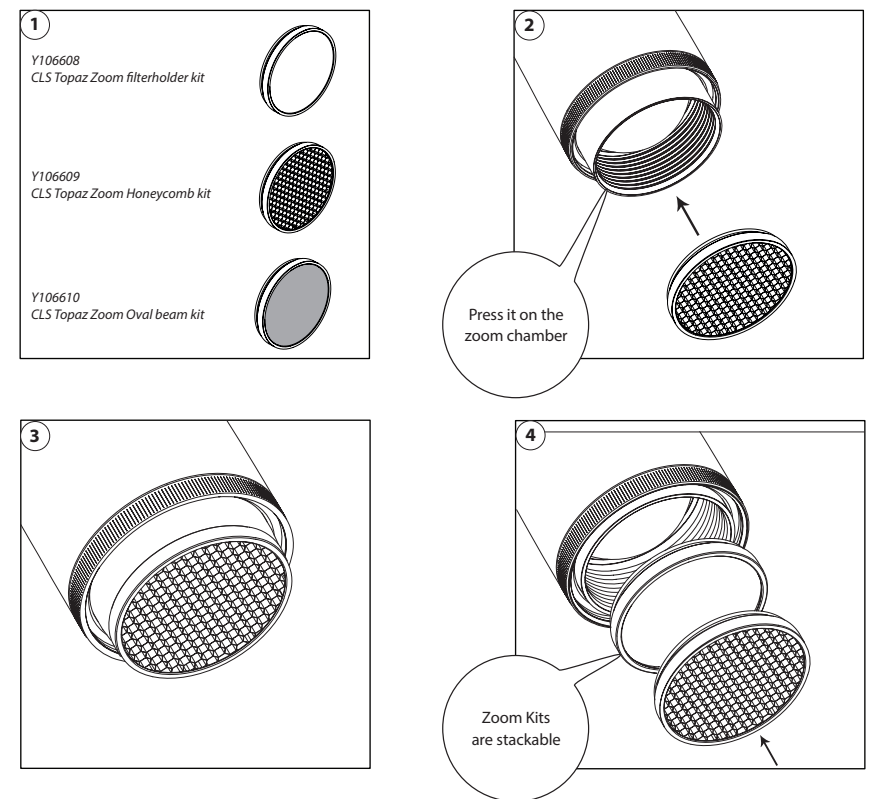
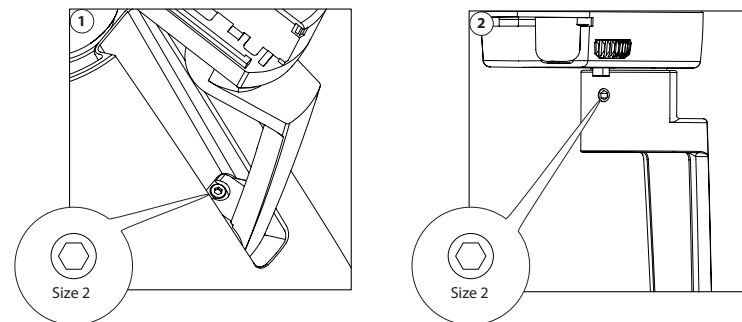


INSTALLATION ZOOM BOLT

KIT ASSEMBLY

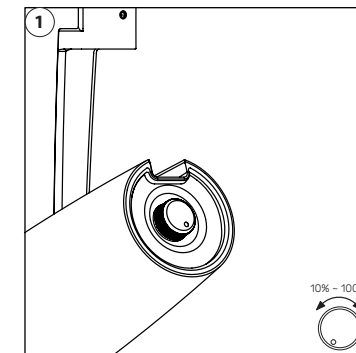
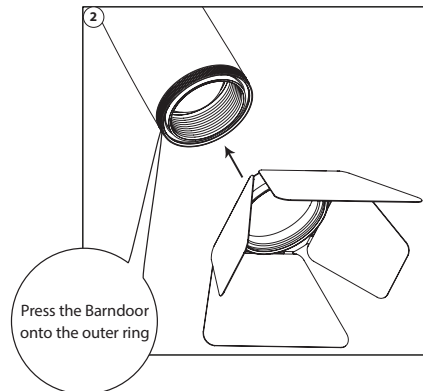
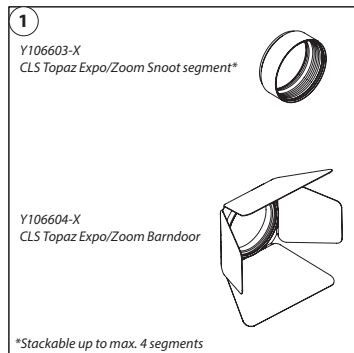


LOCK POSITION



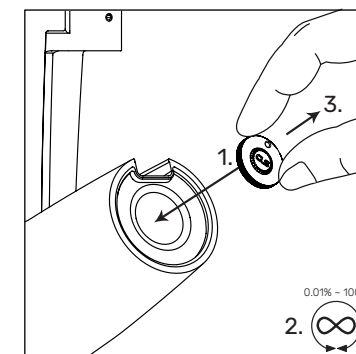
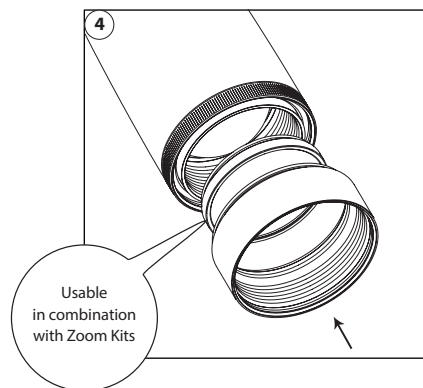
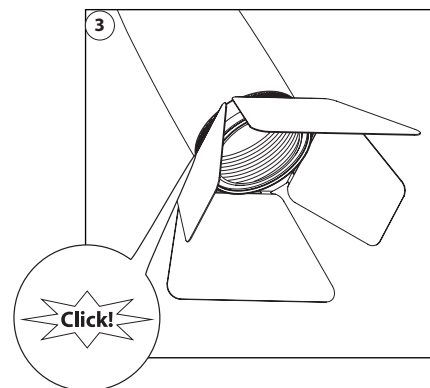
ACCESSORY ASSEMBLY

DIM METHODS



Local Dim

Local dimming through a potentiometer on the driver housing.



Roto Dim®

1. Place magnet on the back of the Topaz.

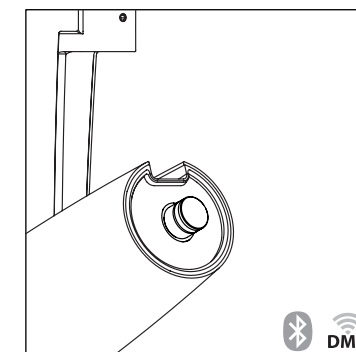
2. Turn right or left for the desired dimming value.

3. Remove the magnet from the Topaz.

After aprox. 3 seconds the LED will flash one time, confirming the dim value has been stored.

4. The magnet can also remain seated on the back of the Topaz.

After aprox. 10 seconds the LED will flash one time, confirming the dim value has been stored.



Wireless (antenna)

Control by Casambi via bluetooth or Wireless DMX

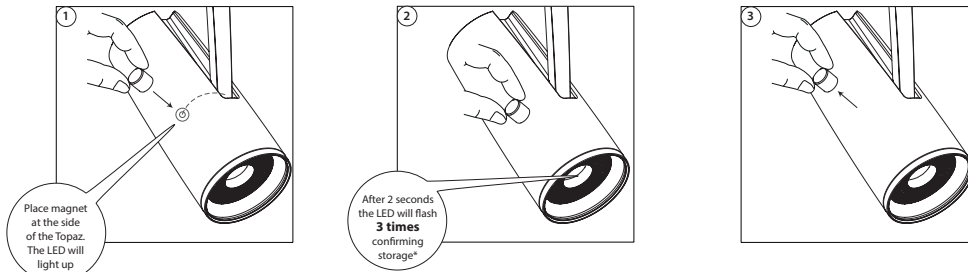
PROGRAMMING

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.

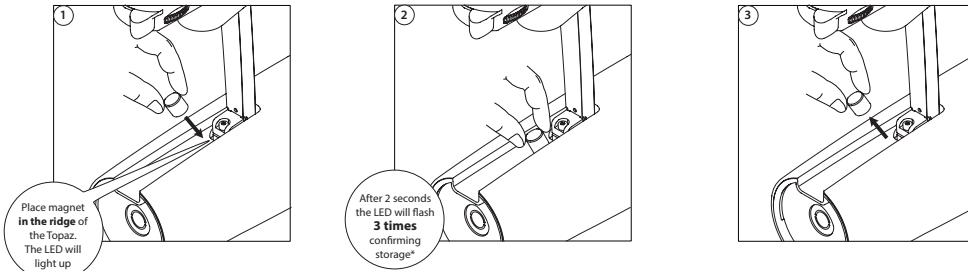
First make sure to set the DATA on the DMX controller. To program the setting into the LED fixture follow the next steps.

DMX single colour programming



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

DMX Tunable White programming



* 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.

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 1 to 255.
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
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	
		5-255	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 2	No change Disable	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.

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_controlsyste EN.pdf

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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 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
Y106603-B	CLS Topaz Expo/Zoom Snoot segment 20mm black
Y106603-W	CLS Topaz Expo/Zoom Snoot segment 20mm white
Y106604-B	CLS Topaz Expo/Zoom Barndoor black
Y106604-W	CLS Topaz Expo/Zoom Barndoor black
Y106608	CLS Topaz Zoom Filterholder kit
Y106609	CLS Topaz Zoom Honeycomb kit
Y106610	CLS Topaz Zoom Oval Beam kit
Y106018	CLS Roto Dim magnet
Y106019	CLS Roto Dlm magnet with keycard






















































































ACCESSORY OVERVIEW

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

					
	Y106604-B/W	Y106609	Y106603-B/W	Y106608	Y106610
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
			Pressure Maximum pressure on the fixture in kg/cm²						Magne 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