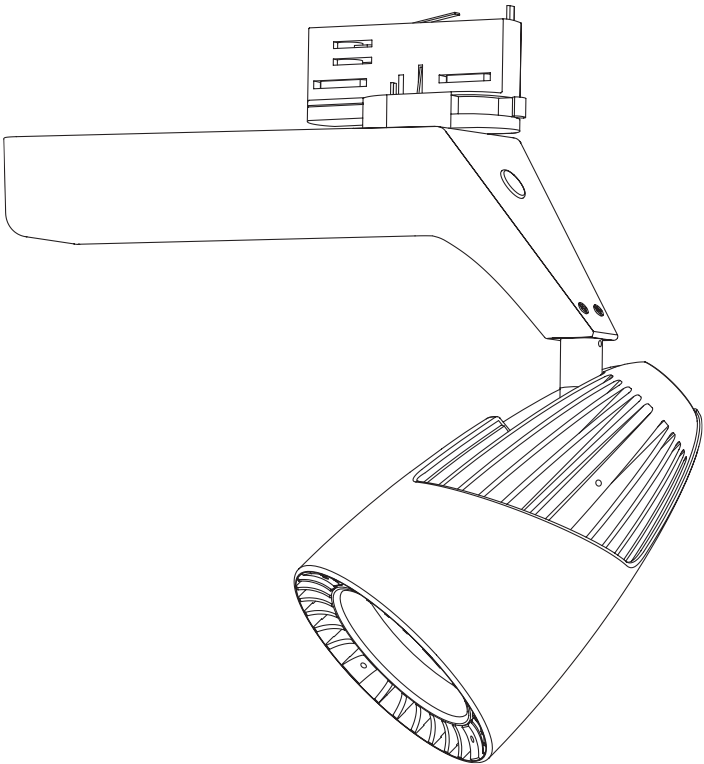


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Technical	3	Factory settings table	6	List of symbols	10



SAFETY INFORMATION

Do not stare into the LED

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

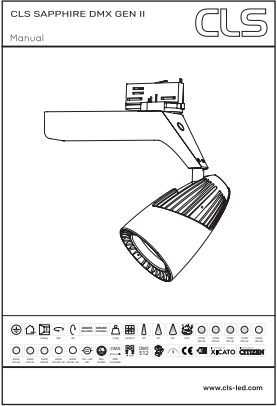
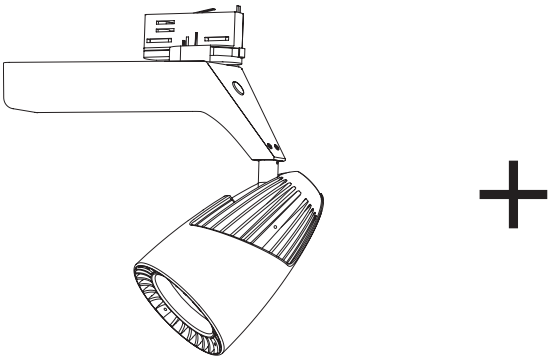
Block access below the work area when maintaining the unit

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

350°

90°

DRIVER INCLUDED

DRIVER INTERNAL

1.5 kg

50,000 h

18°

30°

54°

IP20

2700K CRI>80

2700K CRI>90

2700K CRI>96

2700K CRI>98

3000K CRI>80

3000K CRI>90

3000K CRI>96

4000K CRI>98

4000K CRI>80 / 90

4000K CRI>96 / 98

100 ~ 240 VAC

Max. 30 Watt

DMX dimmable

DMX 512 dimmable

1 ~ 100%

DMX 512

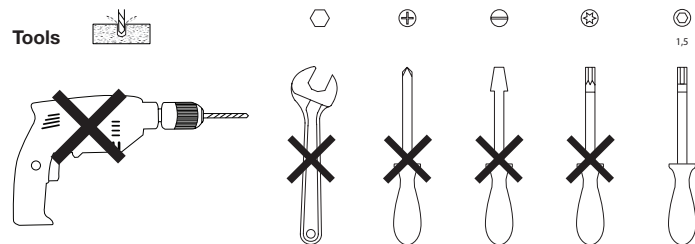
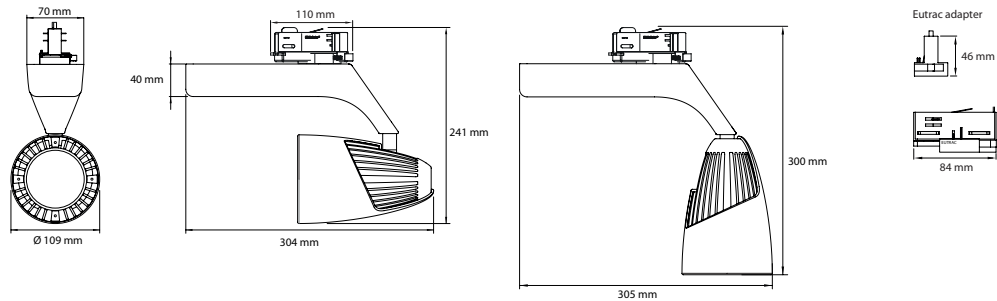
3 year warranty

CE

A+

LIGHTSOURCE BY XICATO

LIGHTSOURCE BY CITIZEN

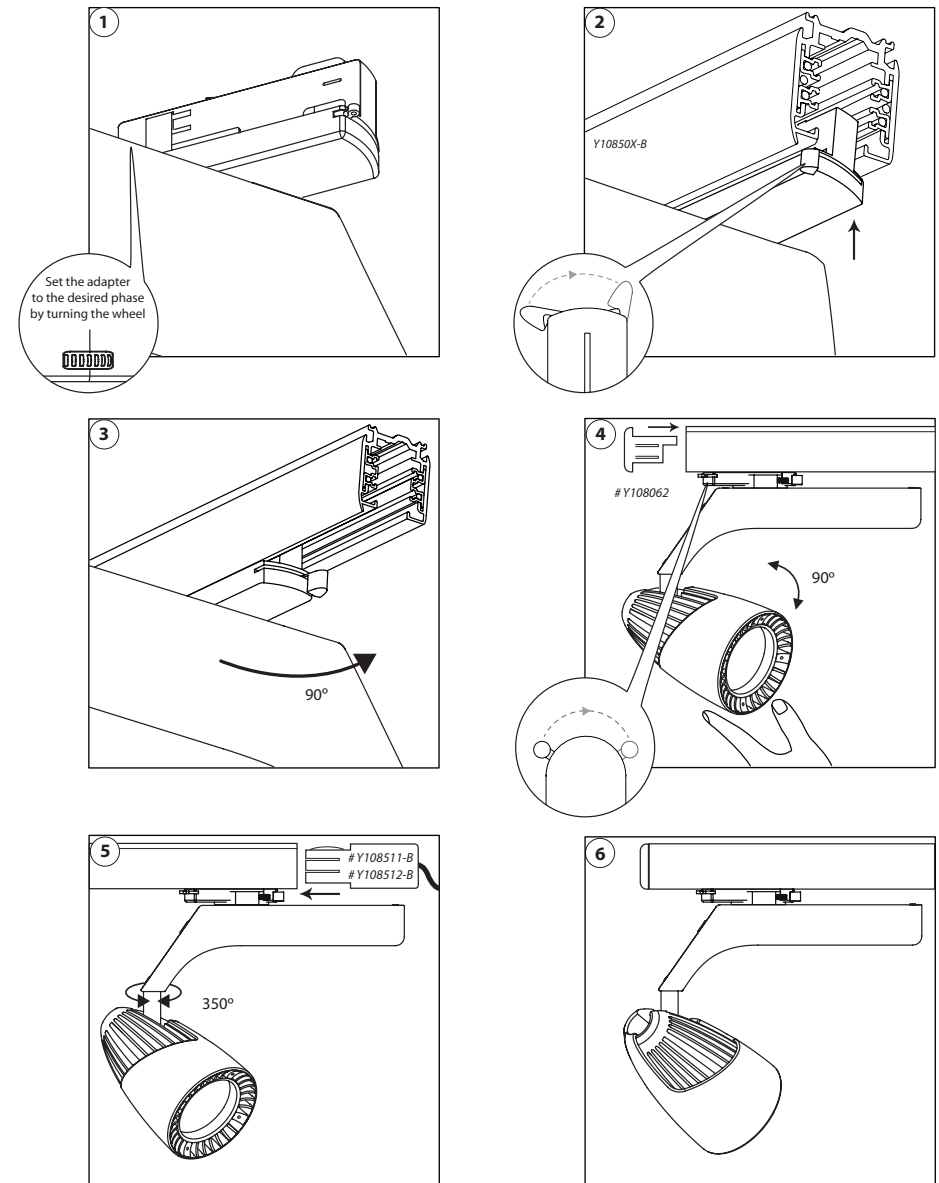


SPECIFICATIONS

LED: Xicato Artist or Citizen
 Available colours: CRI>80: 2700K, 3000K & 4000K
 CRI>90: 2700K, 3000K & 4000K
 CRI>96: 2700K, 3000K & 4000K
 CRI>98: 2700K, 3000K & 4000K
 Beam angle: 18°, 30° & 54°
 Power supply: 100 – 240 VAC
 Power factor: > 0,91
 Power consumption: Max. 30 Watt
 Housing: Anodised aluminum and PC
 Weight: 1,5 kg
 IP value: IP20
 Measurements: 300 x 305 x ø 109 mm (h x w x d)
 Ambient temperature: -10° C till +40° C

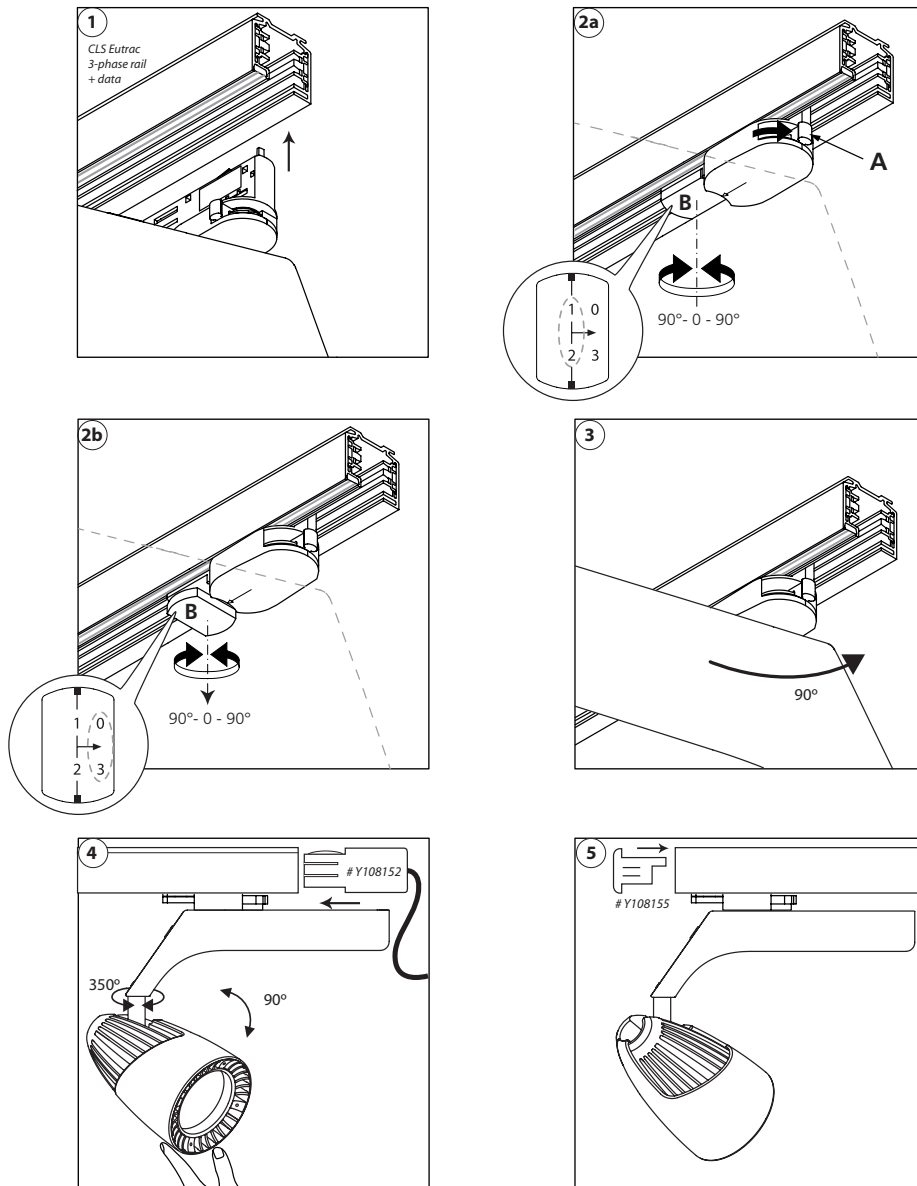
ACCESSORIES

Y108001 CLS Lenina reflector Spot
 Y108002 CLS Lenina reflector Medium
 Y108003 CLS Lenina reflector Flood
 Y108501-B CLS 3-phase rail + data 1 meter black
 Y108502-B CLS 3-phase rail + data 2 meter black
 Y108503-B CLS 3-phase rail + data 3 meter black
 Y108504-B CLS 3-phase rail + data 4 meter black
 Y108511-B CLS 3-phase rail + data end feed right, black
 Y108512-B CLS 3-phase rail + data end feed left, black
 Y108513-B CLS 3-phase rail + data middle feed black
 Y110938 CLS 3-phase rail + data end cap black
 Y108515-B CLS 3-phase rail + data L-coupler inner black
 Y108516-B CLS 3-phase rail + data L-coupler outer black
 Y108599-** CLS 3-phase rail + data other colours on request



INSTALLATION

WITH EUTRAC ADAPTER

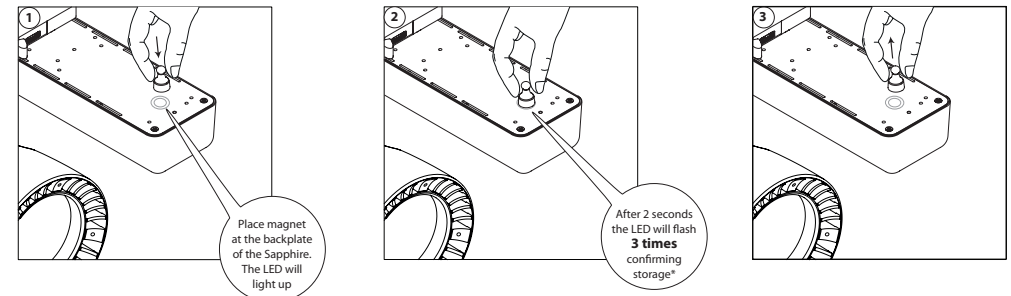


PROGRAMMING

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

FACTORY SETTING TABLE

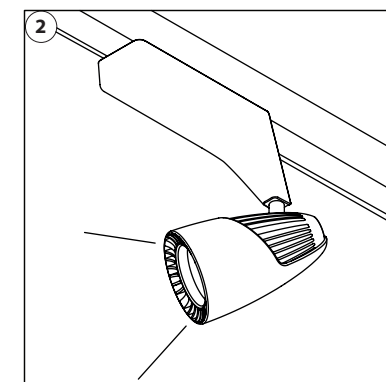
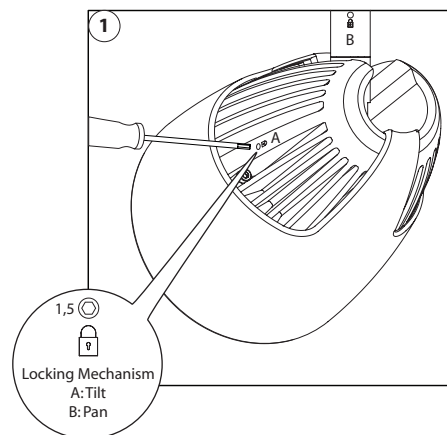
FACTORY SETTING TABLE													
Row #	Fixture type	Address	Static behavior	Soft dim	Master control	Output 1 patch	Output 2 patch	Output 3 patch	Output 4 patch	Static output 1	Static output 2	Static output 3	Static output 4
1	RGBW	1	1	Off	Off	1 (R)	2 (G)	3 (B)	4 (W)	255	255	255	255
2	RGBA	1	1	Off	Off	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

! Max. 20 pieces of Sapphire DMX can be connected in a group.
! Max. 20 pieces of Sapphire DMX per DMX line on a rail.

PROGRAMMING TABLE

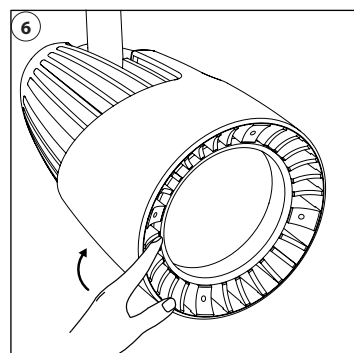
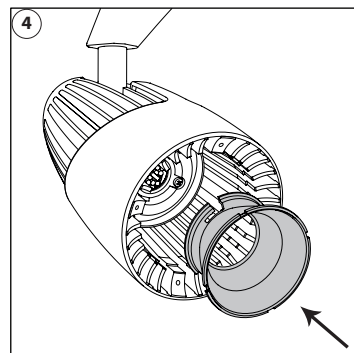
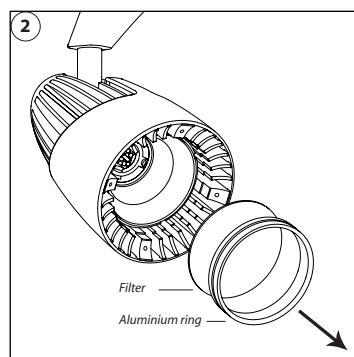
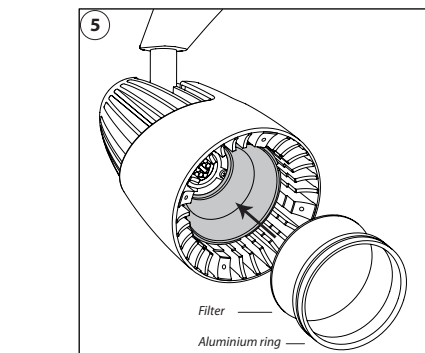
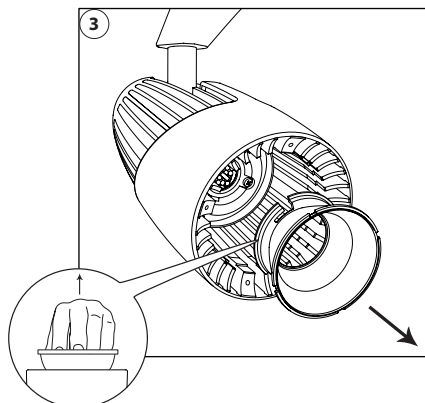
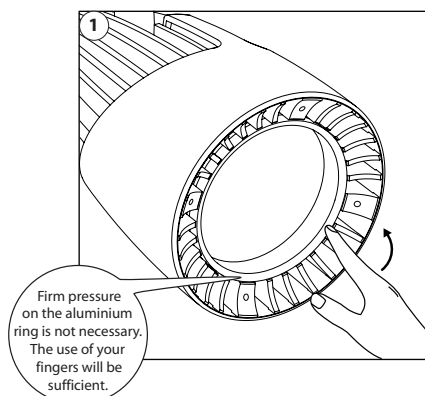
LOCK FUNCTION

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	Example: all outputs are patched as 1 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	Example: output 1&2 are patched as 1 and 3&4 are patched as 2 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.	



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REFLECTOR REPLACEMENT



LIST OF SYMBOLS

	Protection class One, two or three		Retail & Food LED modules Clothing, furniture, kitchens, jewellery, shoes, bread, meat, fish & 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		Bluetooth controlled By Casambi
	Weight In grams/kilograms		Magno dimming Accurate dimming from 100 - 1% by using a magnet
	Pressure Maximum pressure on the fixture in kg/cm ²		Dynamic Control Dynamic Power Control or Dynamic Temperature Control
	Lifespan Of the light source in hours		DMX input Fixture works on DMX512 protocol
	Lenses Available lenses, indicated in degrees		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, Citizen or a Xicato LED module