SR Contour Light

CONT V TRELATI XQ MONOCHROMATIC SERIES

INDOOR OUTDOOR

SUMMARY

bending	min. bend radius	dimension	max length	cutting pitch
VERTICAL	12cm	24mm / 17mm	10m	100mm
IP	**power**	**beam**	**color**	**CRI**
IP44 / IP67	24W/m / 15.2W/m	150°		Ra 80+ / Ra 90+

DRIVERS

ON OFF | 1–10V | DALI | DMX

ELECTRICAL

Supply voltage: DC24.0V±1.0V

Power range and supply current:

CONT V TRELATI IXQ	Power	Current
	24W/m	1000mA/m
	15.2W/m	630mA/m

ESD protection: contact 4kV, air 8kV

MECHANICAL

Minimum bending radius: 12cm
Maximum length: 10m
Cutting pitch: 100mm
IP: IP44/IP67

LIFETIME, WARRANTY & COMPLIANCE

Warranty: 2 years*
Lifetime: 50,000 hours, L70/B50@ta 65°C
Compliance:

- EN 62031, EN 62471, EN 60598-1, EN 60598-2-1
- EN 55015, EN 61547
- AS/NZS 60598.1, AS/NZS 60598.2.1

* For 5-year warranty, please consult your local sales.

FEATURES

- Excellent thermal dissipation encapsulated with high performance grade silicone material that can be used and installed at an extreme harsh environment with temperature up to 65°C
- Designed to be UV and corrosion resistant; meet UL 94 V-0 standard
- One of the smallest bend radius, 12cm, available in market to meet various design requirements
- Beautifully crafted with tri-directional illumination while residing in the mounting profile
- Identical width between Contour body, feed-in connector and profile for seamless mounting and installation
- High uniformity with no dark spot even at the terminals
- SR® LEDShield technology†
- Lifetime: 50,000 hours

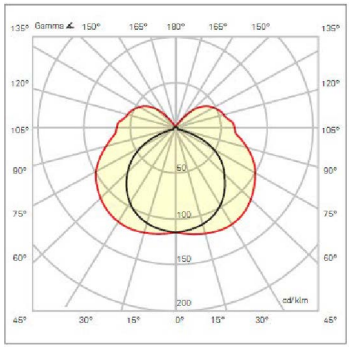
LIGHT OUTPUT

CCT: 2200K, 2400K, 2700K, 3000K, 4000K, 5000K
CCT: Ra 80+, Ra 90+

Luminaire lumen output:

CCT	822	824	827	830	840	850
lm/m	1570	1570	1800	1850	1900	1900
CCT	922	924	927	930	940	950
lm/m	1270	1270	1500	1500	1570	1570
CCT	RED, 622.5nm		YELLOW, 590nm	GREEN, 525nm		BLUE, 467.5nm
lm/m	480		460	910		330

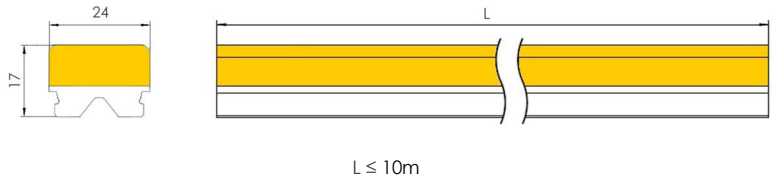
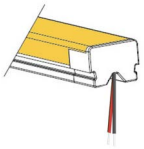
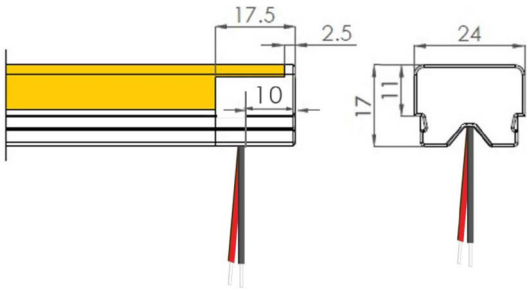
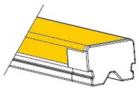
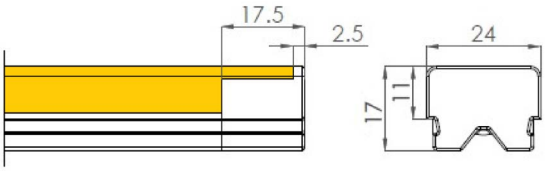
Beam angle: 150°



† SR® LEDShield technology: innovative mechanism protecting segment black out from single LED damage due to inappropriate external force applied during installation and handling.

INDOOR OUTDOOR

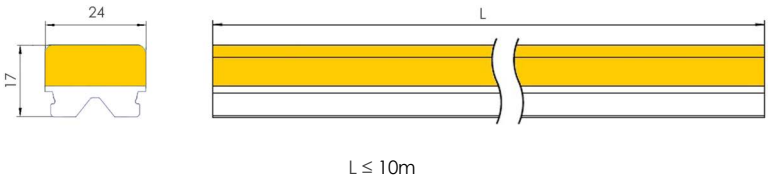
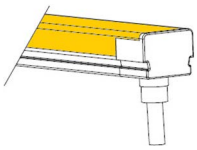
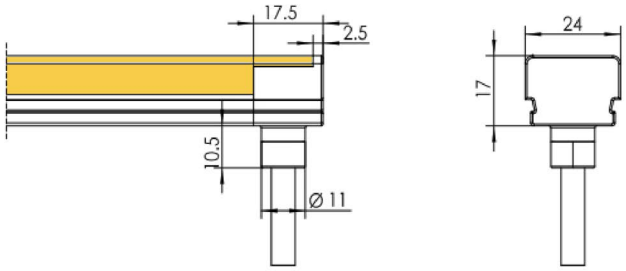
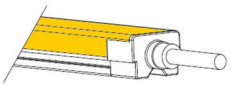
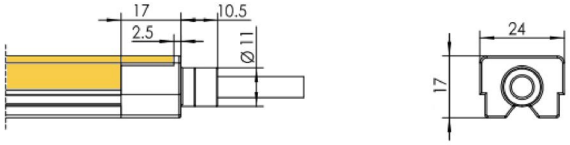
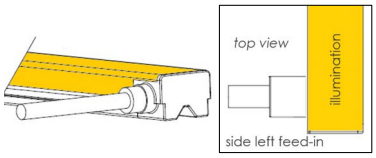
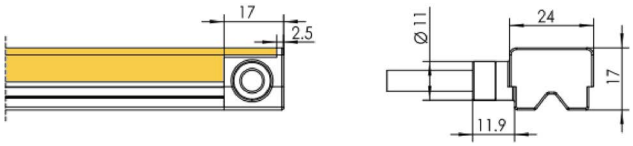
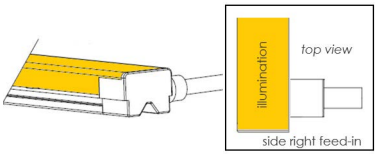
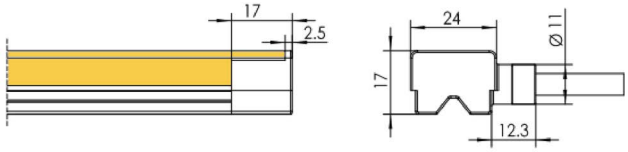
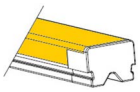
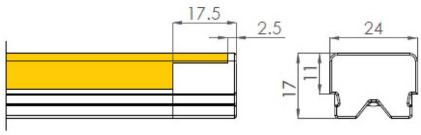
DIMENSIONS - INDOOR

CONT V TRELATI IRS Body	 L ≤ 10m
Wire Bottom Feed-in 	
Injection End Cap 	

Additional length added to body length L is 5mm with any one feed-in (added 2.5mm) and end cap (added 2.5mm).

INDOOR OUTDOOR

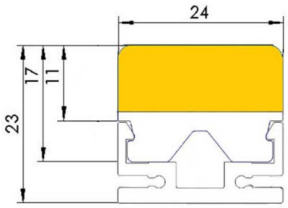
DIMENSIONS - OUTDOOR

CONT V TRELATI OXQ Body	
Injection Bottom Feed-in (JB) 	
Injection End Feed-in (JE) 	
Injection Side Left Feed-in (JSL) 	
Injection Side Right Feed-in (JSR) 	
Injection End Cap 	

Additional length added to body length L is 5mm with any one feed-in (added 2.5mm) and end cap (added 2.5mm).

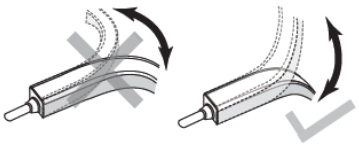
INDOOR OUTDOOR

MOUNTING ACCESSORIES

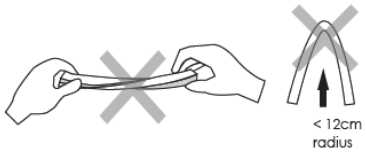
50mm Aluminum Clip CONT V TRELATI XQ AL CLIP	
1005mm Aluminum Profile CONT V TRELATI XQ AL PROFILE JBE CONT V TRELATI XQ AL PROFILE JSL CONT V TRELATI XQ AL PROFILE JSR	

CAUTIONS

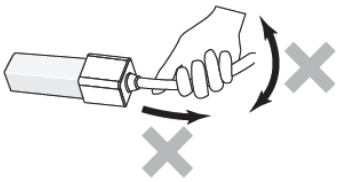
- Ensure mains power is switched OFF before carrying out installation, maintenance or replacement operations.
- The Contour Light should be installed by qualified electrical personnel and complying with local codes.
- The power supply should be sized appropriately to adequately power the load with the correct voltage and power ratings; it is generally recommended to have at least 10% power buffer.
- Lightning / Surge protection should be used if not already built into the power supply.
- **DO NOT CUT** the light strip or warranty will be voided.



DO NOT BEND the fixture in the wrong direction. If bent horizontally, the fixture can be damaged.



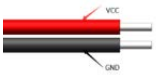
DO NOT TWIST the fixture or **BEND** at less than 12cm radius.



DO NOT STRESS OR PULL HARD on the lead-in cables, nor handle it using the feed-in cables.

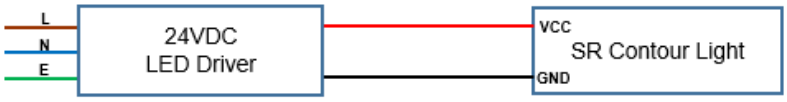
INDOOR OUTDOOR

WIRING

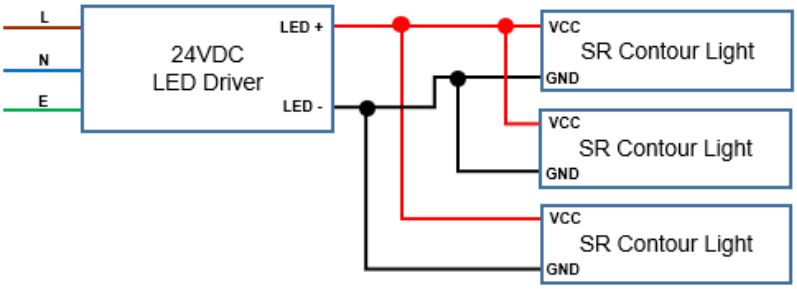
Indoor	Outdoor
 wire size AWG 18	TPE cable wire size AWG 16

CONNECTION

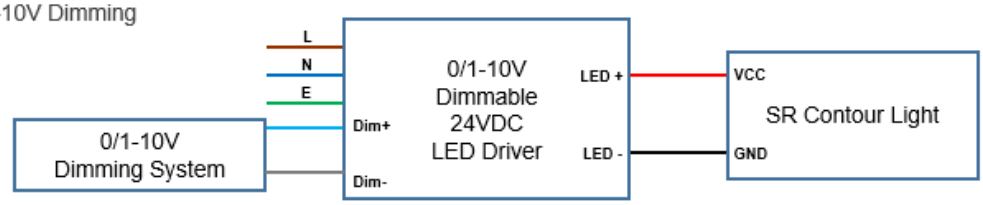
On/Off



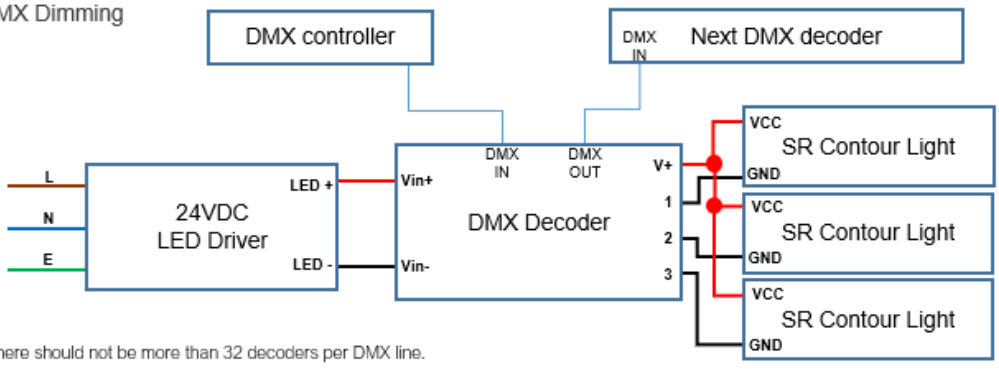
On/Off (multiple strips connected in parallel)



0/1-10V Dimming

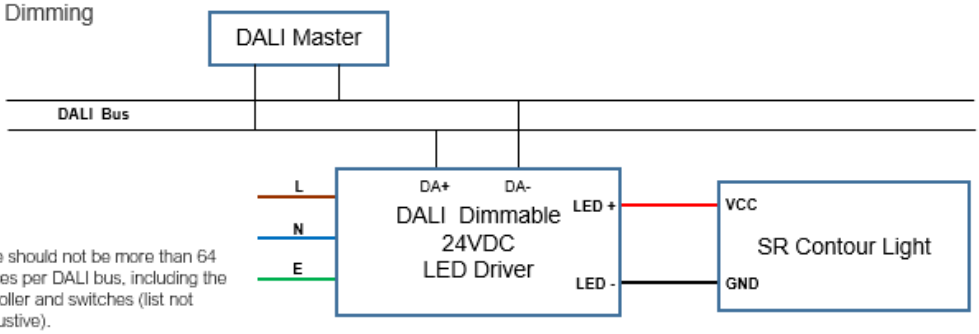


DMX Dimming



There should not be more than 32 decoders per DMX line.

DALI Dimming



There should not be more than 64 devices per DALI bus, including the controller and switches (list not exhaustive).

SR Contour Light
CONT V TRELATI I/OXQ SERIES

INDOOR OUTDOOR

ORDERING INFORMATION

SR Contour Light	Model	Feed-in Cable Direction †	Color	Length
CONT V TRELATI	IXQ24	WB	822 824 827 830 840 850 922 924 927 930 940 950 GREEN BLUE	xM (x = length in meters, max 10m)
	IXQ15		RED YELLOW	
	OXQ24	JB JE JSR JSL	822 824 827 830 840 850 922 924 927 930 940 950 GREEN BLUE	
	OXQ15		RED YELLOW	

†Note:

Feed-in Cable Direction	Description
WB	bottom feeder
JB	bottom feeder
JE	end feeder
JSL	side left feeder
JSR	side right feeder

Example:

CONT V TRELATI IXQ24 WB 930 10M refers to SR Contour Light CONT V TRELATI IXQ24 Indoor Series, CRI Ra 90+, CCT 3000K, wire bottom feed-in, 10meters in length.

CONT V TRELATI OXQ24 JB 830 10M refers to SR Contour Light CONT V TRELATI OXQ24 Outdoor Series, CRI Ra 80+, CCT 3000K, injection bottom feed-in, 10meters in length.

Accessory Part Number	Description
CONT V TRELATI XQ AL CLIP	aluminum clip, 50mm
CONT V TRELATI XQ AL PROFILE JBE	aluminum profile for bottom end feed-in, 1005mm
CONT V TRELATI XQ AL PROFILE JSL	aluminum profile for side left feed-in, 1005mm
CONT V TRELATI XQ AL PROFILE JSR	aluminum profile for side right feed-in, 1005mm

LED Driver Part Number	Description
SAV-060N024X02HQA	60W 24V Constant Voltage LED Driver
SAV-096N024X400Q	96W 24V Constant Voltage LED Driver
SAV-150N024X625Q	150W 24V Constant Voltage LED Driver

* System design will vary depending on actual project configuration. Please consult your local sales support for detailed strip length calculations, connecting cable type and length calculations

Disclaimer: Data might vary due to equipment tolerance. Manufacturer reserves the right to make changes to information published in this document, including without limitation specifications and product descriptions, at any time and without notice.

LUXCONEX

LUXCONEX PTE LTD
41 JALAN PEMIMPIN DRIVE, KONG BENG INDUSTRIAL BUILDING, #03-01A, SINGAPORE 577186
T. +65 6996 3314 E. contact@luxconex.com W. www.luxconex.com