



ADURO CL

LED STRIP CHAIN MODULE STR-ADURO CL



DESIGN
AWARD
2024



2022
WINNER
LIGHTING
DESIGN
AWARDS



Aduro CL is a revolutionary semi-rigid chain LED light that allows full flexibility around curved spaces.

Inspired by the possibilities of organic architecture and equipped with unprecedented flexibility, individually adjustable modules, a wide range of optics and various CCTs, Aduro CL brings tailored lighting solutions and full creative control over curved spaces.



CURVE RIGID STRIPS WITH EASE



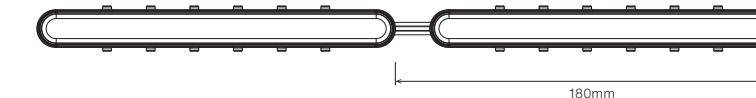
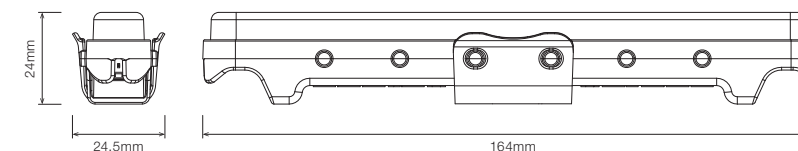
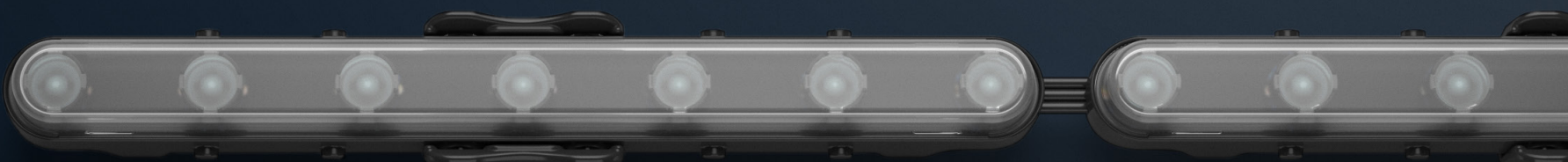
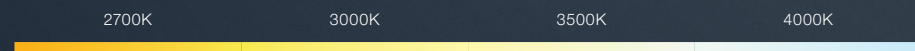
MAGNETIC BALL CLIP

POWER

7W
7.0W / metre

14W
14.0W / metre

COLOUR TEMPERATURE



■ **TECHNICAL SPECIFICATIONS**

	7W VERSION	14W VERSION
Product Code	STR-ADURO CL	
Description	Aduro CL Beam Control LED Strip	
Segment Length (S)	180mm	
LED Pitch	24.5mm	
LEDs Per Segment	7	
Operating Voltage	24VDC	
Typical Power Consumption per Segment	1.27W per 180mm Segment	2.54W per 180mm Segment
Typical Power Consumption per Metre	7W per metre	14W per metre
Typical Current	53mA per 180mm Segment	106mA per 180mm Segment
Colour Rendering Index (CRI)	90+	
Dimmable	Through CTR-A2PWM 0-10V, CTR-DALILOGIC or CTR-DIMMERLOGIC (sold separately)	
Effective Beam Angle	Varies with optics (30° – 110°)	
External Heatsink Required	No	
Ambient Operating Temp	Ta -10°C to 50°C	
Thermal Operating	Yes (Active Thermal Management)	
Reported Lumen Maintenance TM21-11 (@ Ts = 85°C, If = 700mA)	L70 (17K) > 103,000 hours L90 (17K) > 103,000 hours	
	Aduro CL max. operating values (@ Ts = 50°C, If = 106mA)	
IP Rating	IP20	
Approvals	CE, CB, RCM	
Luminous Flux per Metre (lm/M)	2700K 509 lm/Metre 3000K 586 lm/Metre 3500K 622 lm/Metre 4000K 657 lm/Metre	1,017 lm/Metre 1,172 lm/Metre 1,243 lm/Metre 1,315 lm/Metre

- Specified values measured using O4018D optics
- Specific lumen output and IES files available on request

■ **ACCESSORIES**

MOUNTING CLIP

MC-STR-CC-BLK	Black Plastic Mounting Clip
MC-STR-CC-WHT	White Plastic Mounting Clip
MT-CC	Adhesive double sided mounting tape
MC-STR-MBC-BLK	Magnetic Ball Clip Black
MC-STR-MBC-WHT	Magnetic Ball Clip White

† One MC-STR-CC / MT-CC / MC-STR-MBC required per segment

ACCESSORIES

ACC-ADUROCL-AGSB	Anti Glare Shield Black
------------------	-------------------------

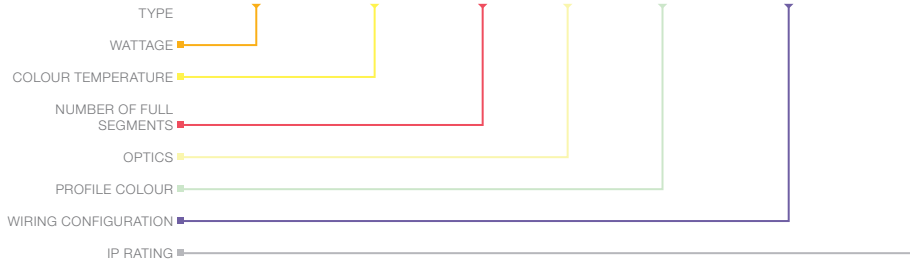
CONTROLLER

CTR-A2PWM 0-10V	Analogue to PWM converter for 0 – 10V dimming signal
CTR-DIMMERLOGIC	Coolon Universal Wall Dimmer with 0 – 10V and PWM Logic Output
CTR-DALI-LOGIC	Indoor DALI Point 1 channel Driver with PWM Logic Output

POWER SUPPLY

PWR-HLG-60H-24AU	Mean Well Power Supply HLG 60W 24V IP67
PWR-HLG-150H-24AU	Mean Well Power Supply HLG 150W 24V IP67
PWR-HLG-240H-24AU	Mean Well Power Supply HLG 240W 24V IP67
PWR-HLG-320H-24AU	Mean Well Power Supply HLG 320W 24V IP67

STR - ADURO CL - 14W - 3.0KCRI - S1 - 50D - BLK - WR2.1OS - IP20



For detailed product specifications, simply point your phone camera at the QR code



■ WATTAGE

7W	7W per metre
14W	14W per metre

■ COLOUR TEMPERATURE

2.7KCRI	2700K CRI 90
3.0KCRI	3000K CRI 90
3.5KCRI	3500K CRI 90
4.0KCRI	4000K CRI 90

■ PRODUCT LENGTH

S1	180mm	S17	3,060mm
S2	360mm	S18	3,240mm
S3	540mm	S19	3,420mm
S4	720mm	S20	3,600mm
S5	900mm	S21	3,780mm
S6	1,080mm	S22	3,960mm
S7	1,260mm	S23	4,140mm
S8	1,440mm	S24	4,320mm
S9	1,620mm	S25	4,500mm
S10	1,800mm	S26	4,680mm
S11	1,980mm	S27	4,860mm
S12	2,160mm	S28	5,040mm
S13	2,340mm	S29	5,220mm
S14	2,520mm	S30	5,400mm
S15	2,700mm	S31	5,580mm
S16	2,880mm		

■ OPTICS

20D	20° Beam
30D	30° Beam
50D	50° Beam
80D	80° Beam
O4018D	Oval 40° x 18° Beam

■ PROFILE COLOUR

BLK	Black (Standard)
WHT	White

■ WIRING CONFIGURATION

WR2.1OS	Wire 2+1 Core One Side
SMP LC.1	Sample Type Connector 2.5mm

■ IP RATING

IP20	Indoor Use
------	------------

12 – 14 Austral Place, Hallam VIC 3803, Australia

PHONE

1300 287 533
+613 8681 3633

EMAIL

archsales@coolon.com.au

WEBSITE

www.coolon.com.au

23.11.a

All documentation is subject to change without notice. Refer to our website for the latest information.


LED LIGHTING

JOIN US



Search: Coolon LED Lighting