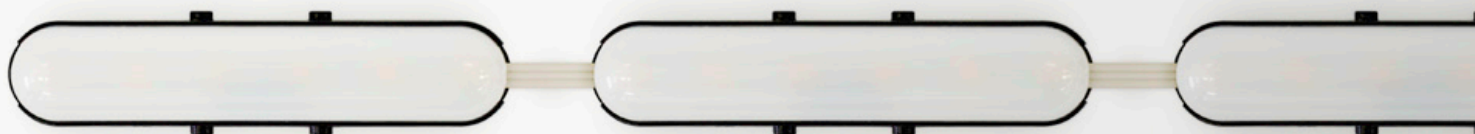


MULTO CC

LED STRIP CHAIN MODULE STR-MULTO CC





Hosting the power of its linear sibling, the Multo CC can twist and turn around any corner. This flexibility makes the Multo CC LED strip the ultimate architectural lighting solution by adapting to spaces where curved and straight lines interact.

The products versatility makes it suitable for numerous applications where customised shaping on-site can be seamlessly integrated into the design.

POWER

LUMINOUS FLUX

8W

8W / metre



SD • 520 lm / metre

COLOUR TEMPERATURE

2700K

3000K

4000K

4300K



CURVE RIGID STRIPS WITH EASE

The Multo CC is a rigid chain module that has flexible connection in between modules, enabling use in curved coves and pelmets.



SIMPLIFIED INSTALLATION

The strip arrives pre-connected to suit the length required on site. Simply take out of the box and connect it to power.

L70

LONG OPERATING LIFE

Coolon products use world's most reputable LED manufacturers and the latest available standard to adequately report luminaire lumen maintenance.

We strive to drive LEDs under their nominal current and use state of the art heat dissipation methods, leading to durable electronics.



VARIOUS CCT & COLOUR BINNING CONSISTENCY

Product is offered in various Colour Temperatures using tighter bins.

5 YEARS

5 YEARS WARRANTY

Coolon Luminaires are covered by a solid comprehensive manufacturer's warranty that covers a range of possible defects and performance parameters throughout the duration of the warranty period.



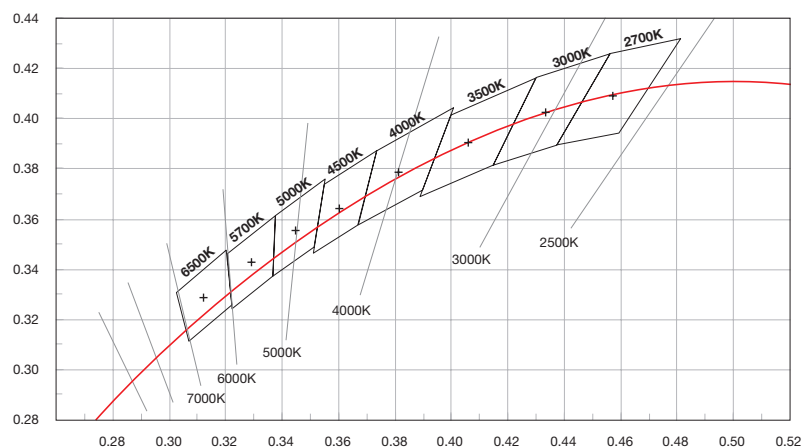
PROUDLY MADE IN AUSTRALIA

Our products are designed and manufactured in Australia. Engineered to perfection, using only the highest quality components and highly skilled labour, each luminaire is assembled and thoroughly tested to ensure that it exceeds the highest standards.

■ TECHNICAL SPECIFICATIONS

Product Code	STR-MULTO CC
Description	LED Strip Chain Module
Segment Length (S)	90mm
Segment Width	20.50mm or 24.10mm with Mounting Clip
LED Pitch	14.00mm
LEDs Per Segment	2x6
Operating Voltage	24VDC
Typical Power Consumption per Segment	0.72W per 90mm Segment
Typical Power Consumption per Metre	8W per metre
Typical Current	30mA per 90mm Segment
Colour Rendering Index (CRI)	80+
Max Continuous Connection Length	4.5 Metres or 50 Segments
Dimmable	Through DRV-DALIPOINT-1X5A or DRV-DIMMERPOINT-1X10A (sold separately)
Effective Beam Angle	120°
External Heatsink Required	No
Ambient Operating Temp	Ta -40°C to 50°C
Average Lumen Maintenance @Ta 25°C	70% @ 50,000 Hours
IP Rating	IP20

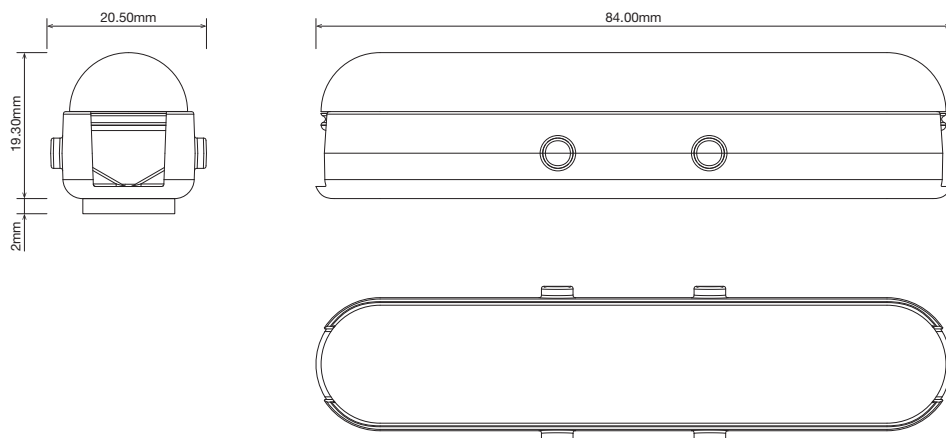
■ COLOUR BINNING



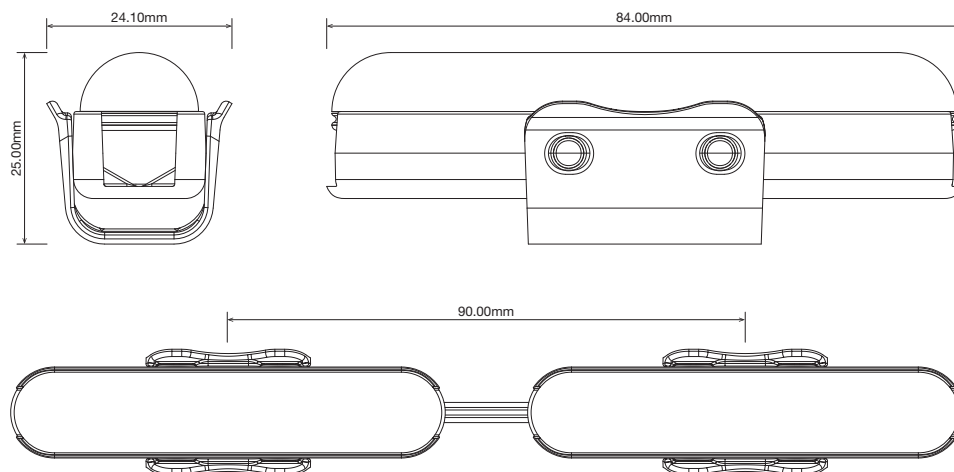
■ DIMENSIONS

For final strip lengths please refer to the "Product Length" table.

MULTO CC WITH MOUNTING TAPE



MULTO CC WITH MOUNTING CLIP



■ PRODUCT LENGTH

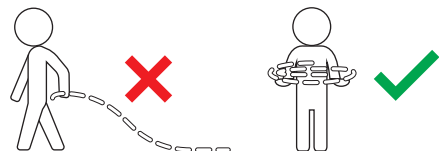
POWERED BY 24VDC

PCB SEGMENT	FINAL LENGTH	AMP / M @ 24V
S1	90mm	0.030
S2	180mm	0.060
S3	270mm	0.090
S4	360mm	0.120
S5	450mm	0.150
S6	540mm	0.180
S7	630mm	0.210
S8	720mm	0.240
S9	810mm	0.270
S10	900mm	0.300
S11	990mm	0.330
S12	1,080mm	0.360
S13	1,170mm	0.390
S14	1,260mm	0.420
S15	1,350mm	0.450
S16	1,440mm	0.480
S17	1,530mm	0.510
S18	1,620mm	0.540
S19	1,710mm	0.570
S20	1,800mm	0.600
S21	1,890mm	0.630
S22	1,980mm	0.660
S23	2,070mm	0.690
S24	2,160mm	0.720
S25	2,250mm	0.750
S26	2,340mm	0.780
S27	2,430mm	0.810
S28	2,520mm	0.840
S29	2,610mm	0.870
S30	2,700mm	0.900
S31	2,790mm	0.930
S32	2,880mm	0.960
S33	2,970mm	0.990
S34	3,060mm	1.020
S35	3,150mm	1.050
S36	3,240mm	1.080
S37	3,330mm	1.110
S38	3,420mm	1.140
S39	3,510mm	1.170
S40	3,600mm	1.200
S41	3,690mm	1.230
S42	3,780mm	1.260
S43	3,870mm	1.290
S44	3,960mm	1.320
S45	4,050mm	1.350
S46	4,140mm	1.380
S47	4,230mm	1.410
S48	4,320mm	1.440
S49	4,410mm	1.470
S50	4,500mm	1.500

WARNING

PLEASE HANDLE LONG LED STRIPS WITH CARE.

When handling LED Strips, please ensure that they are all supported and not dragged from one end.



■ DIFFUSER

SD - Standard Diffused



■ WIRING CONFIGURATION

CONNECTOR TYPE	DRAWING	MALE	FEMALE
WR2OS Wire 2 Core One Side			
SMPLC Sample Type Connector 2.5mm			

- Wiring Length 250mm.

- Please consult Coolon for details on extension cable between LED fittings, drivers and power supplies.

WIRING COLOUR CODE	
Red	+ VDC
Black	GND

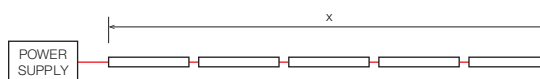
■ IP RATING

IP20

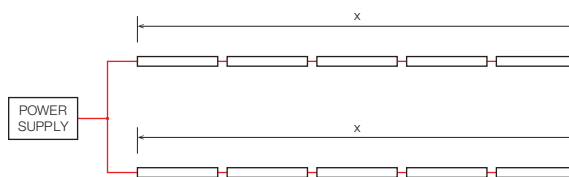
Protected against solid
objects greater than 12mm.
No Protection against liquids.

■ INSTALLATION LIMITS

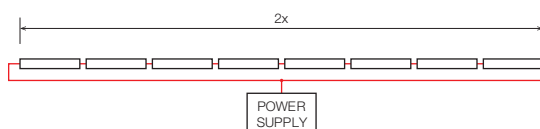
SCENARIO 1



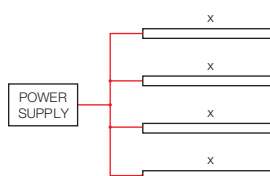
SCENARIO 2



SCENARIO 3



SCENARIO 4



MAX. CONTINUOUS
CONNECTION LENGTH (X)

4,500mm

SUPPLY VOLTAGE

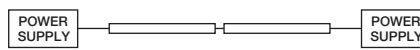
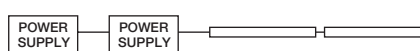
24VDC

NUMBER OF MODULES

50

⚠ WARNING

Avoid connecting multiple power supplies into a single circuit, unless they are specifically designed to do so.



ORDERING EXAMPLE

STR - MULTO CC - 3.0K - S1 - SD - WR2OS - IP20



■ COLOUR TEMPERATURE ¹ PAGE 04

2.7K 2700K

3.0K 3000K

4.0K 4000K

4.3K 4300K

■ PRODUCT LENGTH PAGE 06

S1 90mm S31 2,790mm

S2 180mm S32 2,880mm

S3 270mm S33 2,970mm

S4 360mm S34 3,060mm

S5 450mm S35 3,150mm

S6 540mm S36 3,240mm

S7 630mm S37 3,330mm

S8 720mm S38 3,420mm

S9 810mm S39 3,510mm

S10 900mm S40 3,600mm

S11 990mm S41 3,690mm

S12 1,080mm S42 3,780mm

S13 1,170mm S43 3,870mm

S14 1,260mm S44 3,960mm

S15 1,350mm S45 4,050mm

S16 1,440mm S46 4,140mm

S17 1,530mm S47 4,230mm

S18 1,620mm S48 4,320mm

S19 1,710mm S49 4,410mm

S20 1,800mm S50 4,500mm

S21 1,890mm

S22 1,980mm

S23 2,070mm

S24 2,160mm

S25 2,250mm

S26 2,340mm

S27 2,430mm

S28 2,520mm

S29 2,610mm

S30 2,700mm

■ PROFILE / DIFFUSER PAGE 07

SD Standard Diffused

■ WIRING CONFIGURATION PAGE 07

WR2OS Wire 2 Core One Side



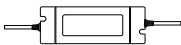


SMPLC Sample Type Connector 2.5mm

■ IP RATING PAGE 07

IP20

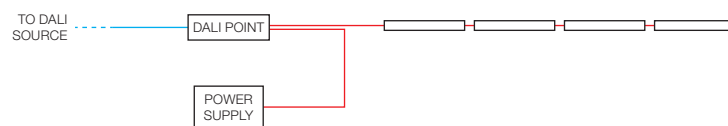
¹ Other CCT subject to availability.

■ ACCESSORIES

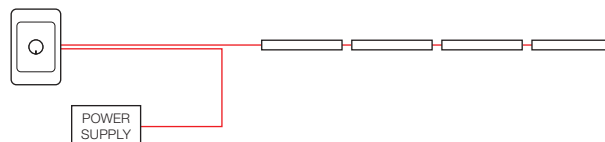
	PRODUCT CODE	DESCRIPTION
MOUNTING CLIP ¹		
	MC-STR-CC	Black Plastic Mounting Clip
	MT-CC	Adhesive double sided mounting tape
¹ One MC-STR-CC or MT-CC required per segment		
DRIVER		
	DRV-DALIPOINT-1X5A	DALI 5 Amps 1 Channel LED Driver
	DRV-DALIPOINT-IP1X10A	DALI 10 Amps 1 Channel Outdoor LED Driver
	DRV-DIMMERPOINT-1X10A	Rotary Wall-Mount LED Driver
	DRV-RDM-P4	DMX / RDM 4 Channel LED Driver
	DRV-RDM-IP-P4	Outdoor DMX / RDM 4 Channel LED Driver
POWER SUPPLY FOR INDOOR USE		
	PWR-PLN20-24V	Mean Well Power Supply PLN 20W 24V IP64 + Flex & Plug
	PWR-PLN30-24V	Mean Well Power Supply PLN 30W 24V IP64 + Flex & Plug
	PWR-PLN60-24V	Mean Well Power Supply PLN 60W 24V IP64 + Flex & Plug
	PWR-PLN100-24V	Mean Well Power Supply PLN 100W 24V IP64 + Flex & Plug
POWER SUPPLY FOR OUTDOOR USE (IP67)		
	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
CABLE EXTENSIONS		
	CBLEXT-STR-WR2-IP40-3M	3m Cable Extension for Strips 1x Red, 1x Black, 0.75mm ² wire
	CBLEXT-STR-WR2-IP40-5M	5m Cable Extension for Strips 1x Red, 1x Black, 0.75mm ² wire

■ WIRING DIAGRAMS

WITH DALI POINT



WITH DIMMER POINT



* Please consult Coolon for details on extension cables between LED fittings, drivers and PSUs.