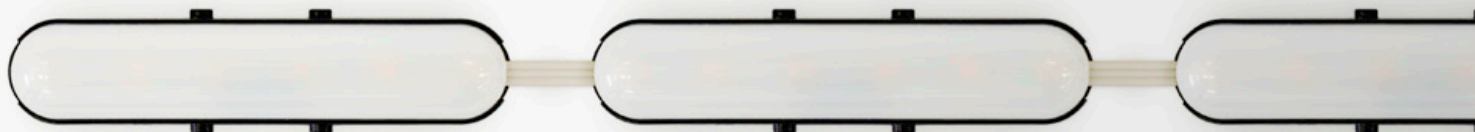




MULTO CC

LED Strip Chain Module





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.

LUMINOUS FLUX

520 lm / Metre



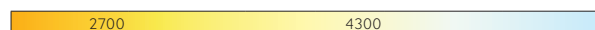
POWER

8W / Metre



COLOUR TEMPERATURE

2700K ~ 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 USEFUL OPERATING LIFE

Currently available specification from world's most reputable LED manufacturers states 50,000 hours of continuous operation at the rated current within the operating temperature range to 70% residual light output.



VARIOUS CCT & COLOUR BINNING CONSISTENCY

Product is offered in various Colour Temperatures using tighter bins.

3
YEARS

3 YEARS FULL /SOLID 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.



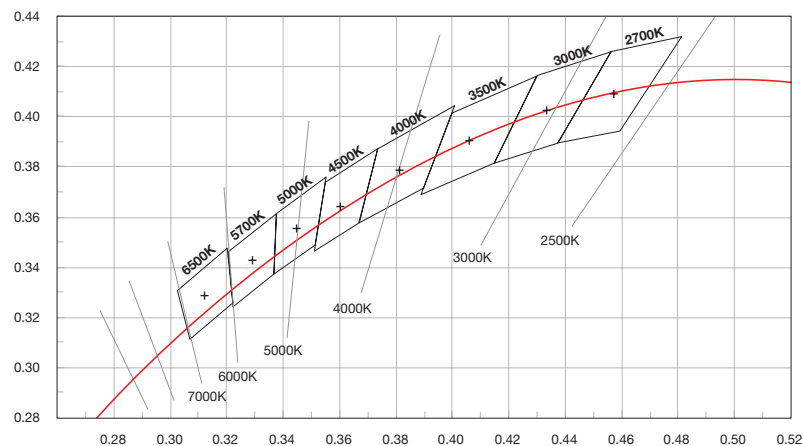
PROUDLY MADE IN AUSTRALIA

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

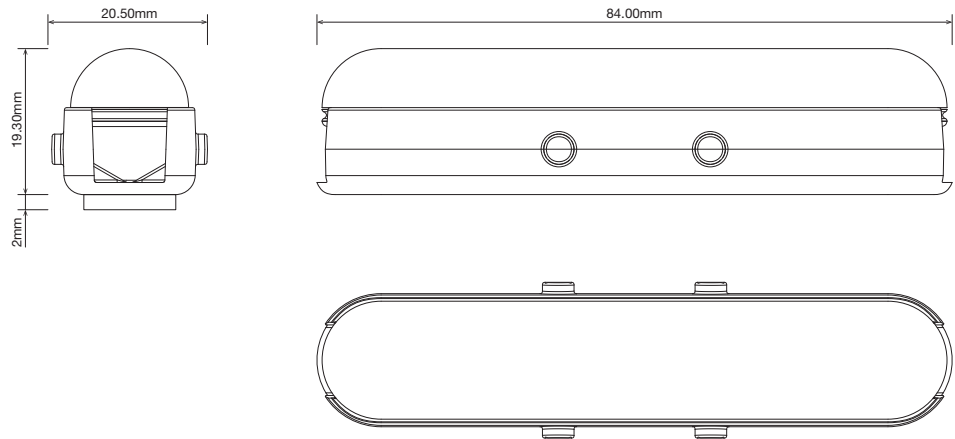
■ COLOUR BINNING



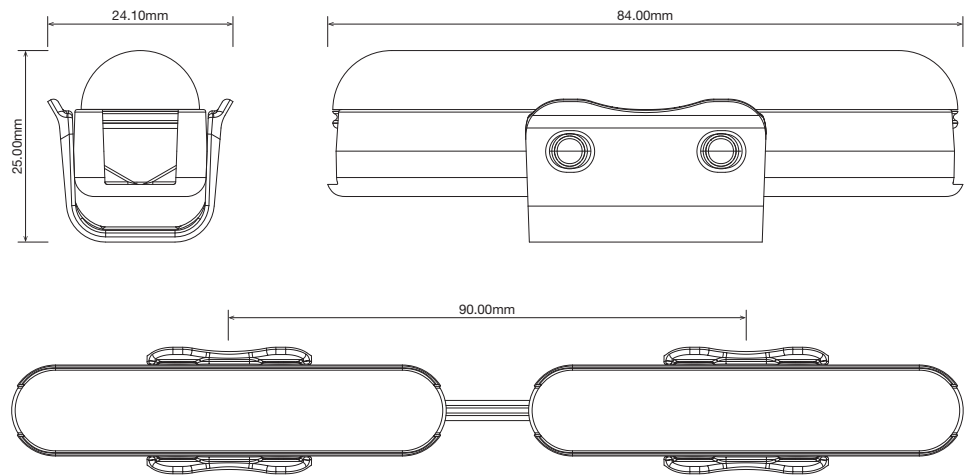
■ DIMENSIONS

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	1080mm	0.360
S13	1170mm	0.390
S14	1260mm	0.420
S15	1350mm	0.450
S16	1440mm	0.480
S17	1530mm	0.510
S18	1620mm	0.540
S19	1710mm	0.570
S20	1800mm	0.600
S21	1890mm	0.630
S22	1980mm	0.660
S23	2070mm	0.690
S24	2160mm	0.720
S25	2250mm	0.750
S26	2340mm	0.780
S27	2430mm	0.810
S28	2520mm	0.840
S29	2610mm	0.870
S30	2700mm	0.900
S31	2790mm	0.930
S32	2880mm	0.960
S33	2970mm	0.990
S34	3060mm	1.020
S35	3150mm	1.050
S36	3240mm	1.080
S37	3330mm	1.110
S38	3420mm	1.140
S39	3510mm	1.170
S40	3600mm	1.200
S41	3690mm	1.230
S42	3780mm	1.260
S43	3870mm	1.290
S44	3960mm	1.320
S45	4050mm	1.350
S46	4140mm	1.380
S47	4230mm	1.410
S48	4320mm	1.440
S49	4410mm	1.470
S50	4500mm	1.500

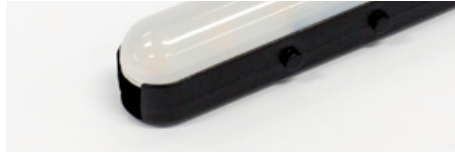
⚠ WARNING

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

- Wiring Length 250mm.
- Please consult Coolon for details on extension cables between LED fittings, drivers and PSUs.

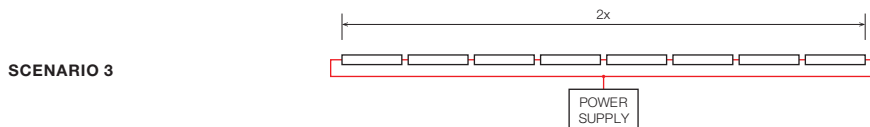
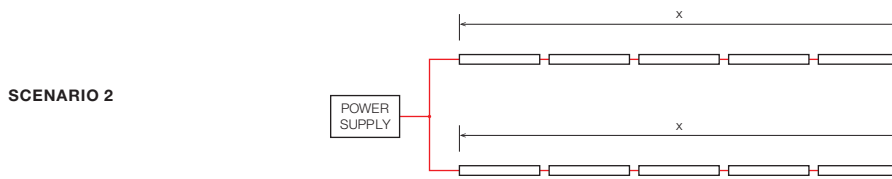
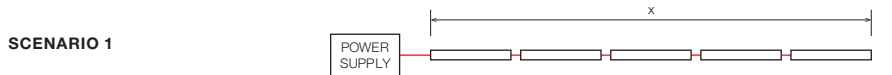
WIRING COLOUR CODE	
Red	+ VDC
Black	GND

▪ IP RATING

IP20

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

■ INSTALLATION LIMITS



MAX. CONTINUOUS CONNECTION LENGTH (X)	SUPPLY VOLTAGE	NUMBER OF MODULES
4500mm	24VDC	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 * PAGE 04

2.7K	2700K
3.0K	3000K
4.0K	4000K
4.3K	4300K

■ PRODUCT LENGTH PAGE 06

S1	90mm	S31	2790mm
S2	180mm	S32	2880mm
S3	270mm	S33	2970mm
S4	360mm	S34	3060mm
S5	450mm	S35	3150mm
S6	540mm	S36	3240mm
S7	630mm	S37	3330mm
S8	720mm	S38	3420mm
S9	810mm	S39	3510mm
S10	900mm	S40	3600mm
S11	990mm	S41	3690mm
S12	1080mm	S42	3780mm
S13	1170mm	S43	3870mm
S14	1260mm	S44	3960mm
S15	1350mm	S45	4050mm
S16	1440mm	S46	4140mm
S17	1530mm	S47	4230mm
S18	1620mm	S48	4320mm
S19	1710mm	S49	4410mm
S20	1800mm	S50	4500mm
S21	1890mm		
S22	1980mm		
S23	2070mm		
S24	2160mm		
S25	2250mm		
S26	2340mm		
S27	2430mm		
S28	2520mm		
S29	2610mm		
S30	2700mm		

■ PROFILE / DIFFUSER PAGE 07

SD	Standard Diffused
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■ WIRING CONFIGURATION PAGE 07



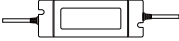

WR2OS	Wire 2 Core One Side
SMPLC	Sample Type Connector 2.5mm

■ IP RATING PAGE 07

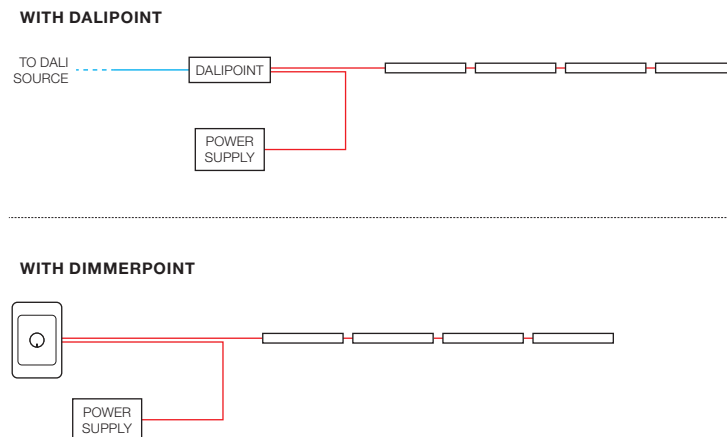
IP20	
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* Other CCT subject to availability.

▪ ACCESSORIES

	PRODUCT CODE	DESCRIPTION
MOUNTING CLIP		
	MC-CC	Black Plastic Mounting Clip for Primo / Multo CC Module
	MT-CC	Adhesive double sided mounting tape for Primo / Multo CC Module
DRIVERS		
	DRV-DALI-1X5A	Indoor DALI Point 1 channel Driver 5A
	DRV-DALI-IP1X10A	Outdoor DALI Point 1 channel Driver 10A
	DRV-DIMMERPOINT-1X10A	Rotary Wall-Mount 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-HLG40-24V	Mean Well Power Supply HLG 40W 24V IP67
	PWR-HLG60-24V	Mean Well Power Supply HLG 60W 24V IP67
	PWR-HLG100-24V	Mean Well Power Supply HLG 100W 24V IP67
	PWR-HLG150-24V	Mean Well Power Supply HLG 150W 24V IP67
	PWR-HLG185-24V	Mean Well Power Supply HLG 185W 24V IP67
	PWR-HLG240-24V	Mean Well Power Supply HLG 240W 24V IP67
	PWR-HLG320-24V	Mean Well Power Supply HLG 320W 24V IP67

▪ WIRING DIAGRAMS



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