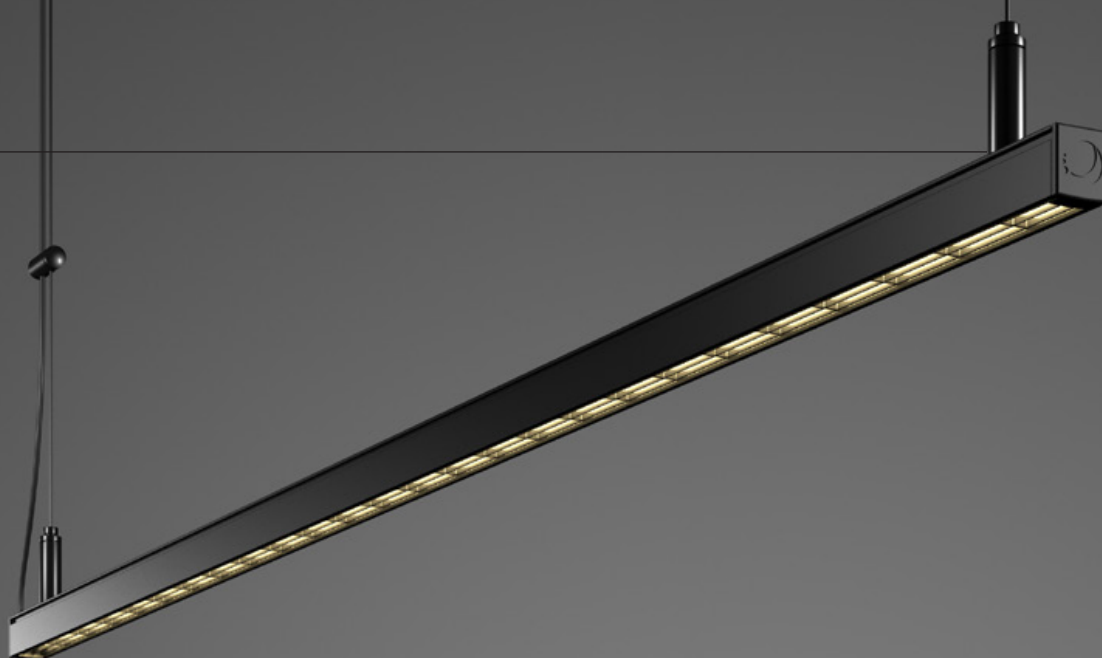




FORMA

LED STRIP STR-FORMA





The Forma LED strip is where value and performance go hand-in-hand. The Forma range offers the best bang for your buck on projects where the key consideration is efficacy, lumen output and value.

Available in three wattages (11W, 16W and 33W), the Forma range offers a completely uniform glowing diffuser where no dots or scalloping is visible along the length of the luminaire or the illuminated surface.

POWER

LUMINOUS FLUX

11W

11.2W / metre



16W

16.8W / metre



33W

33.6W / metre

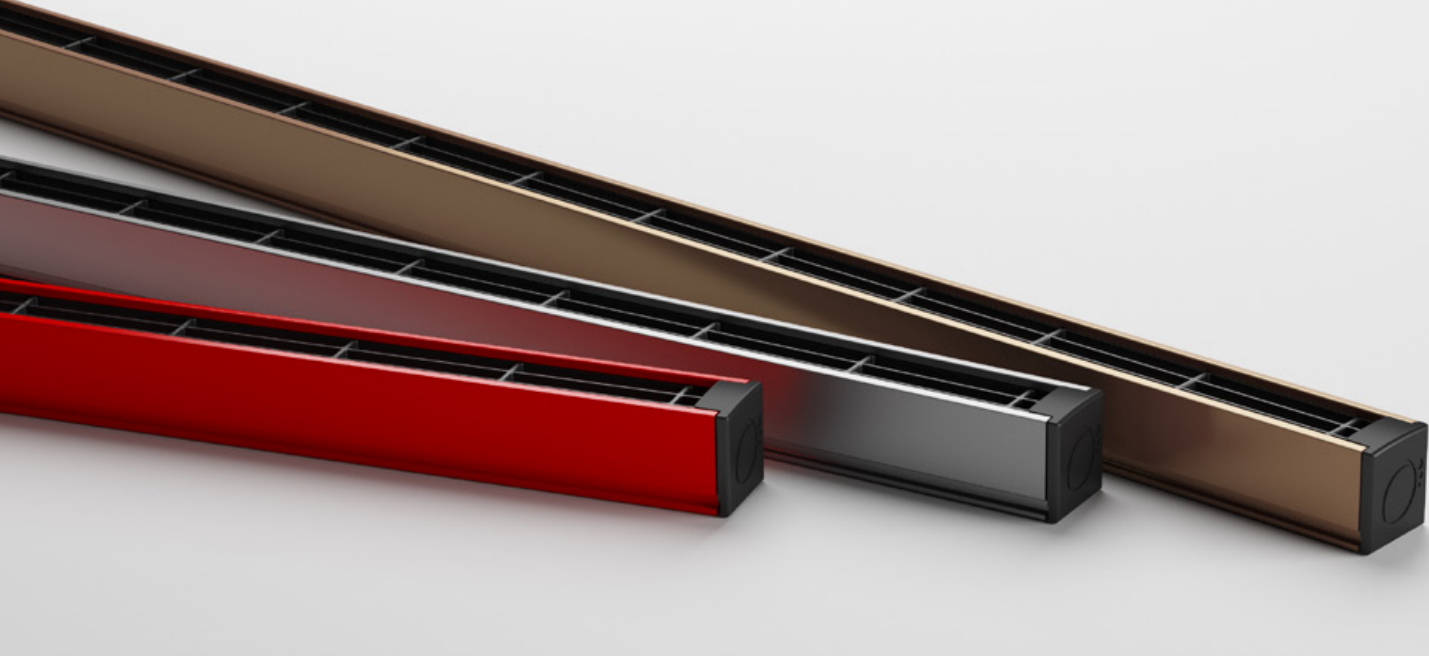


COLOUR TEMPERATURE

2700K

3000K

4000K



HIGHLY VERSATILE LENGTH OPTIONS

Highly versatile length options allows the user to achieve much more accurate and adaptable lengths. The Forma is able to achieve any desired length within a 37.5mm increment.



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 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.



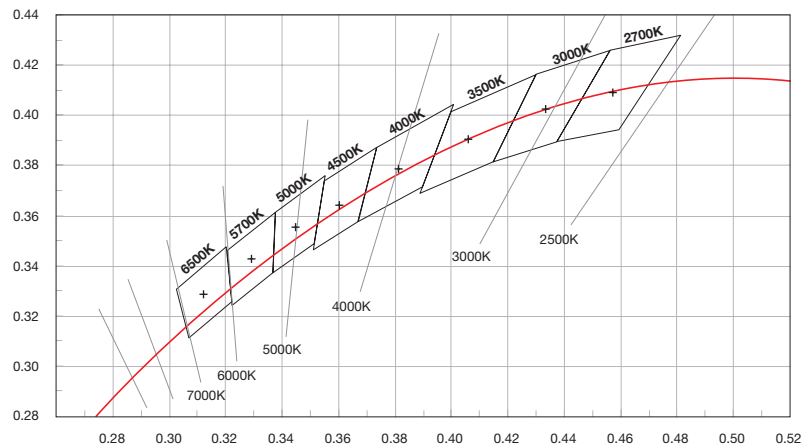
PROUDLY MADE IN AUSTRALIA

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

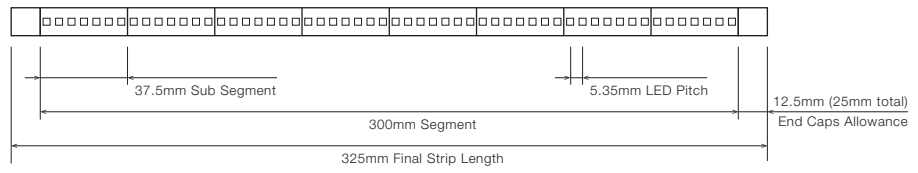
	11W VERSION	16W VERSION	33W VERSION
Part Number	STR-FORMA		
Description	Forma Low Power LED Strip		
Segment Length (S)	300mm		
Sub-Segment Length (A)	37.5mm		
Number of Sub-Segments	8		
Segment Width	10.50mm		
LED Pitch	5.35mm		
LEDs Per Segment	56		
LEDs Per Sub Segment	7		
Operating Voltage	42VDC		
Typical Power Consumption per Segment	3.3W	5W	10W
Typical Power Consumption per Metre	11.2W/Metre	16.8W/Metre	33.6W/Metre
Colour Rendering Index (CRI)	80 (Standard) up to 90		
Dimmable	Through DRV-DALIPOINT-1X5A, DRV-DALIPOINT-1X10A-IP 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	IP40		
Max Continuous Connection Length	Please refer to installation limitations		

■ COLOUR BINNING (WHITE)

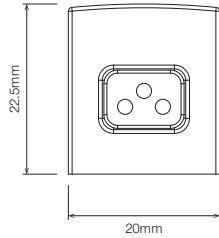


■ DIMENSIONS

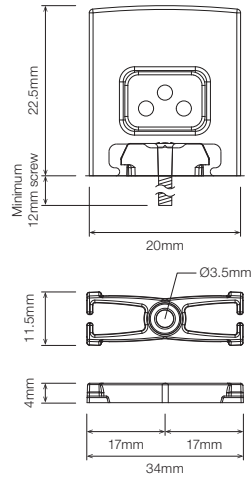
For final strip lengths please refer to the "Product Length" table.



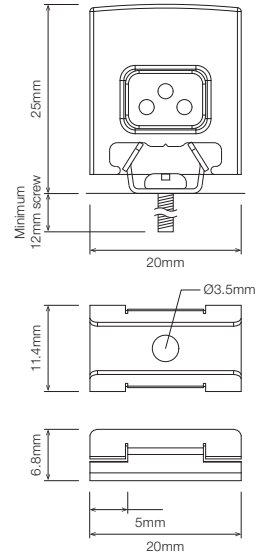
STANDARD PROFILE



WITH MOUNTING X-CLIP



WITH MOUNTING C-CLIP



▪ PRODUCT LENGTH

FULL SEGMENTS	SUB SEGMENTS	EXACT STRIP LENGTH	END CAP ALLOWANCE	FINAL LENGTH
1	0	300mm	add 25mm	325 mm
1	1	337.5mm	add 25mm	362.5mm
1	2	375mm	add 25mm	400mm
1	3	412.5mm	add 25mm	437.5mm
1	4	450mm	add 25mm	475mm
1	5	487.5mm	add 25mm	512.5mm
1	6	525mm	add 25mm	550mm
1	7	562.5mm	add 25mm	587.5mm
2	0	600mm	add 25mm	625mm
2	1	637.5mm	add 25mm	662.5mm
2	2	675mm	add 25mm	700mm
2	3	712.5mm	add 25mm	737.5mm
2	4	750mm	add 25mm	775mm
2	5	787.5mm	add 25mm	812.5mm
2	6	825mm	add 25mm	850mm
2	7	862.5mm	add 25mm	887.5mm
3	0	900mm	add 25mm	925mm
3	1	937.5mm	add 25mm	962.5mm
3	2	975mm	add 25mm	1,000mm
3	3	1,012.5mm	add 25mm	1,037.5mm
3	4	1,050mm	add 25mm	1,075mm
3	5	1,087.5mm	add 25mm	1,112.5mm
3	6	1,125mm	add 25mm	1,150mm
3	7	1,162.5mm	add 25mm	1,187.5mm
4	0	1,200mm	add 25mm	1,225mm
4	1	1,237.5mm	add 25mm	1,262.5mm
4	2	1,275mm	add 25mm	1,300mm
4	3	1,312.5mm	add 25mm	1,337.5mm
4	4	1,350mm	add 25mm	1,375mm
4	5	1,387.5mm	add 25mm	1,412.5mm
4	6	1,425mm	add 25mm	1,450mm
4	7	1,462.5mm	add 25mm	1,487.5mm
5	0	1,500mm	add 25mm	1,525mm
5	1	1,537.5mm	add 25mm	1,562.5mm
5	2	1,575mm	add 25mm	1,600mm
5	3	1,612.5mm	add 25mm	1,637.5mm
5	4	1,650mm	add 25mm	1,675mm
5	5	1,687.5mm	add 25mm	1,712.5mm
5	6	1,725mm	add 25mm	1,750mm
5	7	1,762.5mm	add 25mm	1,787.5mm
6	0	1,800mm	add 25mm	1,825mm

➤ Continued on next page

⚠ WARNING

Do not bend LED strip when removing from mounting clips.

Gently twist LED Strip to remove from mounting clips.

⚠ WARNING

PLEASE HANDLE LONG LED STRIPS WITH CARE.

LED Strips must not be bent.

When handling LED Strips, please ensure that they are kept straight.

■ **PRODUCT LENGTH**
(CONTINUED)

FULL SEGMENTS	SUB SEGMENTS	EXACT STRIP LENGTH	END CAP ALLOWANCE	FINAL LENGTH
6	1	1,837.5mm	add 25mm	1,862.5mm
6	2	1,875mm	add 25mm	1,900mm
6	3	1,912.5mm	add 25mm	1,937.5mm
6	4	1,950mm	add 25mm	1,975mm
6	5	1,987.5mm	add 25mm	2,012.5mm
6	6	2,025mm	add 25mm	2,050mm
6	7	2,062.5mm	add 25mm	2,087.5mm
7	0	2,100mm	add 25mm	2,125mm
7	1	2,137.5mm	add 25mm	2,162.5mm
7	2	2,175mm	add 25mm	2,200mm
7	3	2,212.5mm	add 25mm	2,237.5mm
7	4	2,250mm	add 25mm	2,275mm
7	5	2,287.5mm	add 25mm	2,312.5mm
7	6	2,325mm	add 25mm	2,350mm
7	7	2,362.5mm	add 25mm	2,387.5mm
8	0	2,400mm	add 25mm	2,425mm
8	1	2,437.5mm	add 25mm	2,462.5mm
8	2	2,475mm	add 25mm	2,500mm
8	3	2,512.5mm	add 25mm	2,537.5mm
8	4	2,550mm	add 25mm	2,575mm
8	5	2,587.5mm	add 25mm	2,612.5mm
8	6	2,625mm	add 25mm	2,650mm
8	7	2,662.5mm	add 25mm	2,687.5mm
9	0	2,700mm	add 25mm	2,725mm
9	1	2,737.5mm	add 25mm	2,762.5mm
9	2	2,775mm	add 25mm	2,800mm
9	3	2,812.5mm	add 25mm	2,837.5mm
9	4	2,850mm	add 25mm	2,875mm
9	5	2,887.5mm	add 25mm	2,912.5mm
9	6	2,925mm	add 25mm	2,950mm
9	7	2,962.5mm	add 25mm	2,987.5mm

Confirm Interstate Courier Compliance

Custom Length subject to availability

⚠ WARNING

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Gently twist LED Strip to remove from mounting clips.

⚠ WARNING

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PROFILE COLOUR

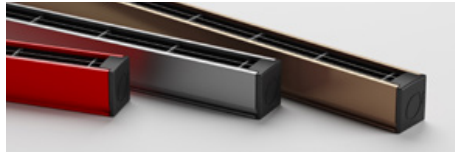
WHT - White (Standard)



BLK - Black



CST - Custom Colour *



WIRING CONFIGURATION

CONNECTOR TYPE	DRAWING	FEMALE	MALE
WR2OS Wire 2 Core One Side			
WR2BS Wire 2 Core Both Sides			
OC2MO Outdoor Connector 2pin Male Only			
OC2MF Outdoor Connector 2pin Male + Female			
SMPLC Sample Type Connector 2.5mm			

Standard Wiring Length 100mm.

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

WIRING COLOUR CODE	
Red	+ VDC
Black	GND

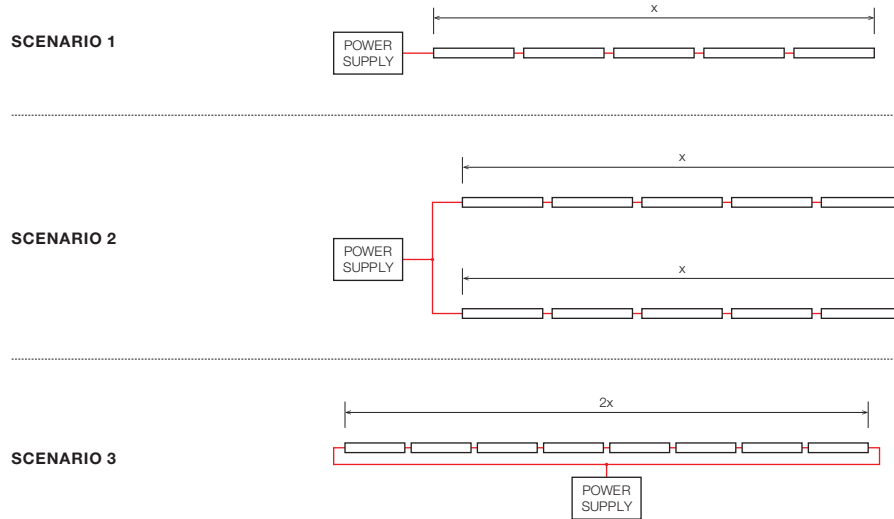
IP RATING

IP40

Protected against solid objects greater than 1mm. No protection against liquids.

* Custom colours available on request.

■ INSTALLATION LIMITS



11W VERSION

MAX. CONTINUOUS CONNECTION LENGTH (X)	CONNECTOR TYPE
20,000 mm	With standard 2 core (WR2OS / WR2BS)
9,000 mm	With upgraded outdoor 2 pin connectors (OC2MO / OC2MF)

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

16W VERSION

MAX. CONTINUOUS CONNECTION LENGTH (X)	CONNECTOR TYPE
14,000 mm	With standard 2 core (WR2OS / WR2BS)
6,000 mm	With upgraded outdoor 2 pin connectors (OC2MO / OC2MF)

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

33W VERSION

MAX. CONTINUOUS CONNECTION LENGTH (X)	CONNECTOR TYPE
7,000 mm	With standard 2 core (WR2OS / WR2BS)
3,000 mm	With upgraded outdoor 2 pin connectors (OC2MO / OC2MF)

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

⚠ WARNING

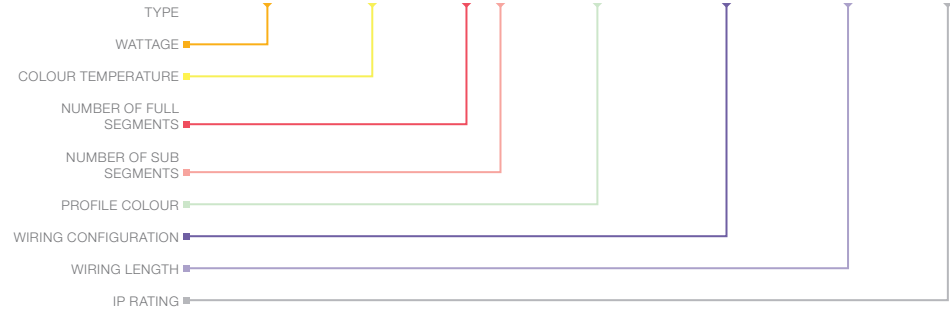
Avoid connecting multiple power supplies into a single circuit, unless they are specifically designed to do so.

✗

✗

ORDERING EXAMPLE

STR - FORMA - 16W - 3.0K - S2A0 - WHT - WR2BS - 100 - IP40



■ **WATTAGE** PAGE 04

11W	11.2W per Metre
16W	16.8W per Metre
33W	33.6W per Metre

■ **COLOUR TEMPERATURE** * PAGE 04

2.7K	2700K CRI 80
2.7KCRI	2700K CRI 90
3.0K	3000K CRI 80
3.0KCRI	3000K CRI 90
4.0K	4000K CRI 80
4.0KCRI	4000K CRI 90

■ **PRODUCT LENGTH** PAGE 06

FULL SEGMENTS	SUB SEGMENTS
S1	A0
S2	A1
S3	A2
S4	A3
S5	A4
S6	A5
S7	A6
S8	A7
S9	

■ **PROFILE COLOUR** ** PAGE 08

WHT	White (Standard)
BLK	Black
CST	Custom Colour

■ **WIRING CONFIGURATION** PAGE 09

WR2OS	Wire 2 Core One Side
WR2BS	Wire 2 Core Both Sides
OC2MO	Outdoor Connector 2 pin Male Only
OC2MF	Outdoor Connector 2 pin Male + Female
SMPLC	Sample Type Connector 2.5mm

■ **WIRING LENGTH** PAGE 09




100	100mm
250	250mm
500	500mm
1000	1000mm

■ **IP RATING** PAGE 09

IP40	Indoor Use
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* Other CCT subject to availability.
 ** Custom colours available on request.

■ ACCESSORIES

	PRODUCT CODE	DESCRIPTION
MOUNTING CLIP		
	MC-XCLIP	Flat Mount X-clip
	MC-CCLIP	Stainless Steel C-Clip
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 SUPPLIES		
	PWR-HLG60-42V	Mean Well Power Supply HLG 60W 42V IP67
	PWR-HLG150-42V	Mean Well Power Supply HLG 150W 42V IP67
	PWR-HLG240-42V	Mean Well Power Supply HLG 240W 42V IP67