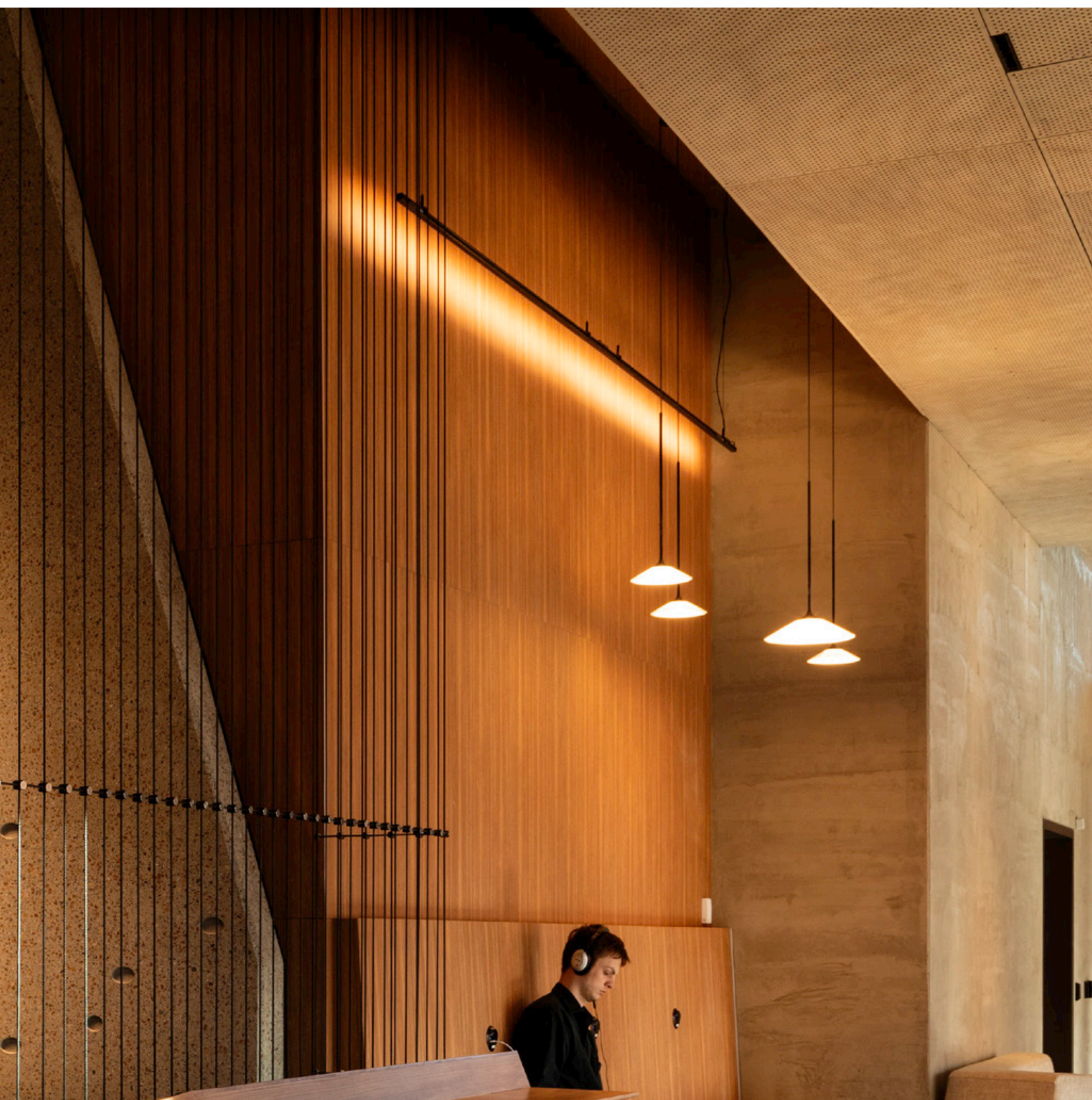
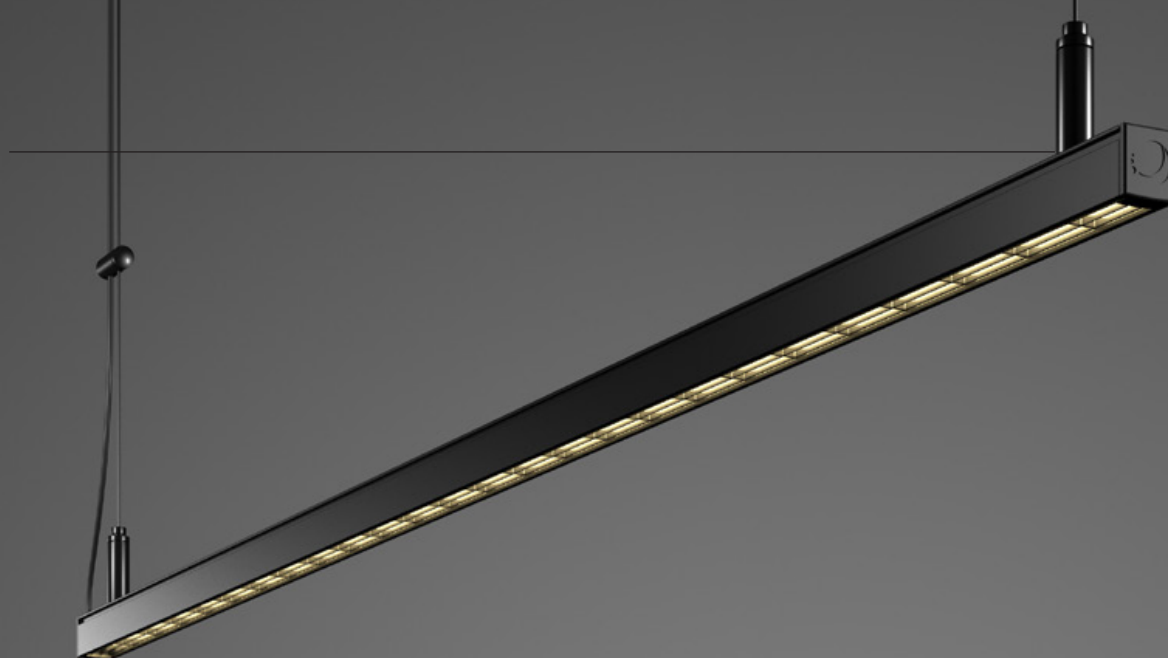


FORMA

LED STRIP STR-FORMA





The Forma LED Strip offers the perfect combination of performance and aesthetic. Versatile product lengths along with 90 degree corner options allows the fitting be tailor suited to create the perfect lighting effect to compliment your unique project.

This range can be supplied as a suspended pendant or a surface mounted fitting in three wattage options (11W, 16W and 33W). Many other customizable options are also available including louvres to reduce glare and custom profile colours.

POWER

11W

11.2W / metre



SD • 980 lm / metre



LL • 465 lm / metre



HL • 255 lm / metre

16W

16.8W / metre



SD • 1,431 lm / metre



LL • 659 lm / metre



HL • 372 lm / metre

33W

33.6W / metre



SD • 2,098 lm / metre



LL • 1,324 lm / metre



HL • 687 lm / metre

COLOUR TEMPERATURE

2700K

3000K

4000K

▪ Specific values measured at 4000K in a white profile. See technical specification page for more options. Specific lumen output and IES files available on request.



SEAMLESS CORNER OPTIONS

Specially designed corner locks allow for continuous illumination around 90 degree corners. Seamless corner options are available for both suspended and surface mounted fittings, enabling more flexibility to the sleek and minimal design of the Forma.

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 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 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.

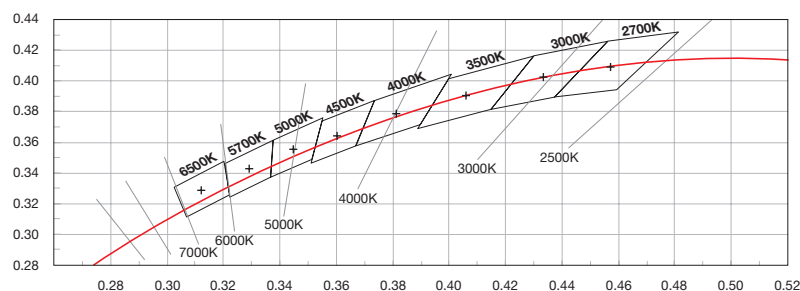
• Pictured with Longitudinal Louvre

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)		
External Heatsink Required			No		
Ambient Operating Temp			Ta -40°C to 50°C		
Reported Lumen Maintenance TM21-11 (@ Ts = 55°C, If = 65mA)			L70 (12K) > 72,000 hours L90 (12K) = 59,000 hours		
			Forma max. operating values (@ Ts = 40°C, If = 30mA)		
IP Rating			IP40		
Max Continuous Connection Length			Please refer to installation limitations		
Luminous Flux per Metre (lm/M)	White Profile				
	SD	2200K	759 lm/Metre	1,123 lm/Metre	1,250 lm/Metre
		2700K	875 lm/Metre	1,295 lm/Metre	1,918 lm/Metre
		3000K CRI	874 lm/Metre	1,276 lm/Metre	1,949 lm/Metre
		4000K	980 lm/Metre	1,431 lm/Metre	2,098 lm/Metre
	LL	2200K	364 lm/Metre	530 lm/Metre	1,043 lm/Metre
		2700K	423 lm/Metre	200 lm/Metre	1,210 lm/Metre
		3000K CRI	410 lm/Metre	600 lm/Metre	1,230 lm/Metre
		4000K	465 lm/Metre	659 lm/Metre	1,324 lm/Metre
	HL	2200K	249 lm/Metre	368 lm/Metre	541 lm/Metre
		2700K	287 lm/Metre	424 lm/Metre	628 lm/Metre
		3000K CRI	227 lm/Metre	418 lm/Metre	638 lm/Metre
		4000K	255 lm/Metre	372 lm/Metre	687 lm/Metre
	Black Profile				
	SD	2200K	471 lm/Metre	688 lm/Metre	1,654 lm/Metre
		2700K	541 lm/Metre	790 lm/Metre	1,565 lm/Metre
		3000K CRI	540 lm/Metre	788 lm/Metre	1,505 lm/Metre
		4000K	601 lm/Metre	877 lm/Metre	1,581 lm/Metre
	LL	2200K	275 lm/Metre	400 lm/Metre	788 lm/Metre
		2700K	318 lm/Metre	151 lm/Metre	917 lm/Metre
3000K CRI		317 lm/Metre	462 lm/Metre	950 lm/Metre	
4000K		351 lm/Metre	165 lm/Metre	997 lm/Metre	
HL	2200K	194 lm/Metre	283 lm/Metre	515 lm/Metre	
	2700K	223 lm/Metre	325 lm/Metre	640 lm/Metre	
	3000K CRI	222 lm/Metre	325 lm/Metre	620 lm/Metre	
	4000K	247 lm/Metre	361 lm/Metre	411 lm/Metre	

▪ Specific lumen output and IES files available on request

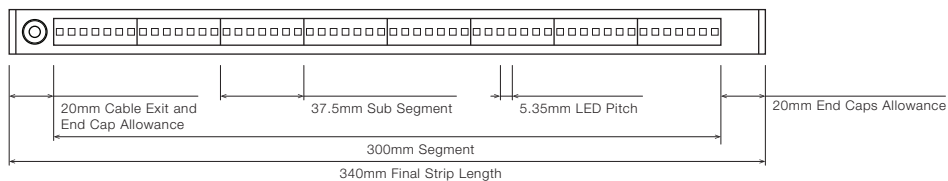
COLOUR BINNING (WHITE)



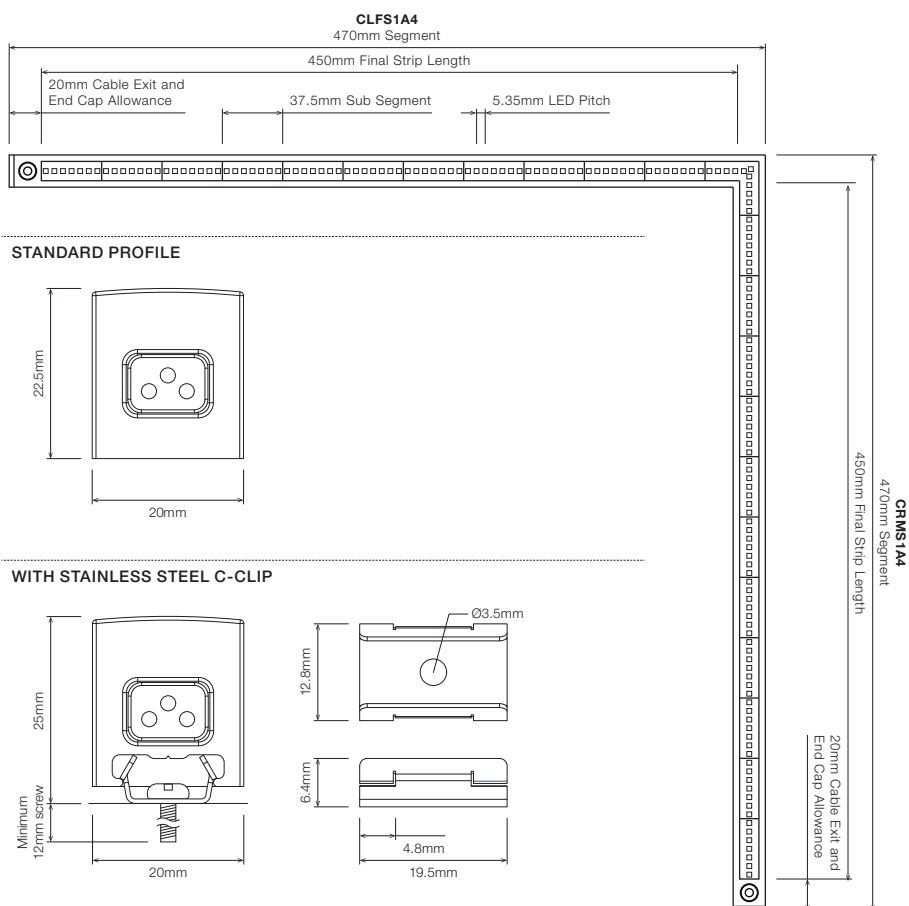
DIMENSIONS

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

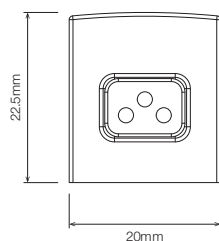
FORMA STANDARD



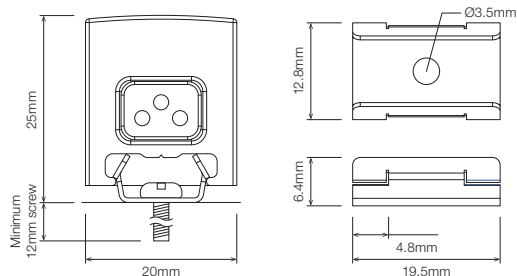
FORMA CORNER



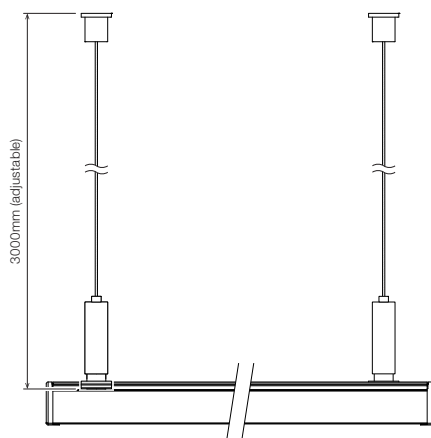
STANDARD PROFILE



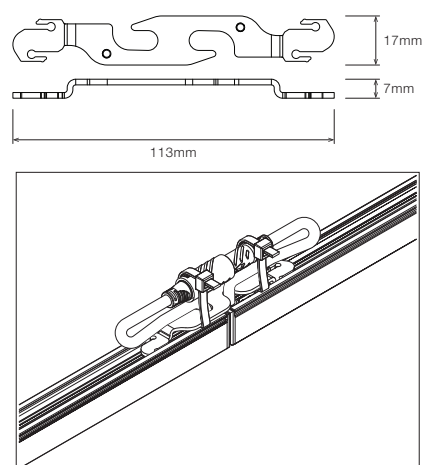
WITH STAINLESS STEEL C-CLIP



WITH SUSPENSION KIT



WITH LOCKING CLIP



PRODUCT LENGTH

FORMA STANDARD

FULL SEGMENTS	SUB SEGMENTS	FINAL LENGTH
0	1	77.5mm
0	2	115mm
0	3	152.5mm
0	4	190mm
0	5	227.5mm
0	6	265mm
0	7	302.5mm
1	0	340mm
1	1	377.5mm
1	2	415mm
1	3	452.5mm
1	4	490mm
1	5	527.5mm
1	6	565mm
1	7	602.5mm
2	0	640mm
2	1	677.5mm
2	2	715mm
2	3	752.5mm
2	4	790mm
2	5	827.5mm
2	6	865mm
2	7	902.5mm
3	0	940mm
3	1	977.5mm
3	2	1,015mm
3	3	1,052.5mm
3	4	1,090mm
3	5	1,127.5mm
3	6	1,165mm
3	7	1,202.5mm
4	0	1,240mm
4	1	1,277.5mm
4	2	1,315mm
4	3	1,352.5mm
4	4	1,390mm
4	5	1,427.5mm
4	6	1,465mm
4	7	1,502.5mm
5	0	1,540mm
5	1	1,577.5mm
5	2	1,615mm
5	3	1,652.5mm
5	4	1,690mm
5	5	1,727.5mm
5	6	1,765mm
5	7	1,802.5mm
6	0	1,840mm

FULL SEGMENTS	SUB SEGMENTS	FINAL LENGTH
6	1	1,877.5mm
6	2	1,915mm
6	3	1,952.5mm
6	4	1,990mm
6	5	2,027.5mm
6	6	2,065mm
6	7	2,102.5mm
7	0	2,140mm
7	1	2,177.5mm
7	2	2,215mm
7	3	2,252.5mm
7	4	2,290mm
7	5	2,327.5mm
7	6	2,365mm
7	7	2,402.5mm
8	0	2,440mm
8	1	2,477.5mm
8	2	2,515mm
8	3	2,552.5mm
8	4	2,590mm
8	5	2,627.5mm
8	6	2,665mm
8	7	2,702.5mm
9	0	2,740mm
9	1	2,777.5mm
9	2	2,815mm
9	3	2,852.5mm
9	4	2,890mm
9	5	2,927.5mm
9	6	2,965mm
9	7	3,002.5mm
10	0	3,040mm
10	1	3,077.5mm
10	2	3,115mm
10	3	3,152.5mm
10	4	3,190mm
10	5	3,227.5mm
10	6	3,265mm
10	7	3,302.5mm

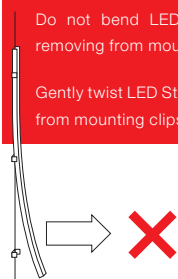
Confirm interstate courier compliance

Custom length subject to availability

⚠ WARNING

Do not bend LED strip when removing from mounting clips.

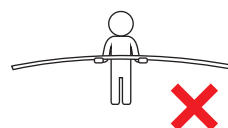
Gently twist LED Strip to remove from mounting clips.



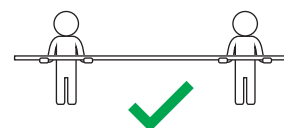
⚠ WARNING

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)

FORMA CORNER

CLF • Corner Left Female Connector

CLM • Corner Left Male Connector

CRF • Corner Right Female Connector

CRM • Corner Right Male Connector

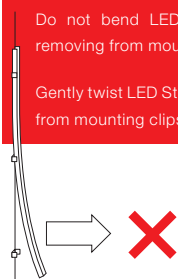
FULL SEGMENTS	SUB SEGMENTS	FINAL LENGTH
1	4	470mm
1	5	507.5mm
1	6	545mm
1	7	582.5mm
2	0	620mm
2	1	657.5mm
2	2	695mm
2	3	732.5mm
2	4	770mm
2	5	807.5mm
2	6	845mm
2	7	882.5mm
3	0	920mm

■ Corner configuration only available for 11W and 16W.

⚠ WARNING

Do not bend LED strip when removing from mounting clips.

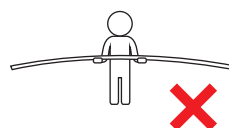
Gently twist LED Strip to remove from mounting clips.



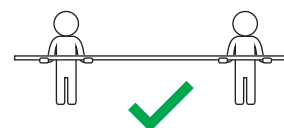
⚠ WARNING

PLEASE HANDLE LONG LED STRIPS WITH CARE.

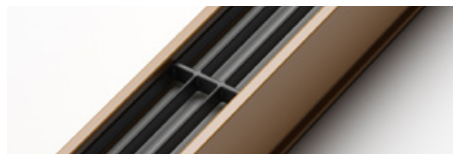
LED Strips must not be bent.



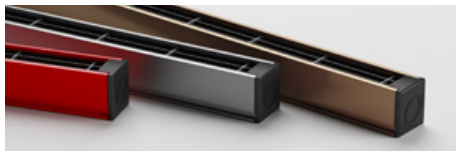
When handling LED Strips, please ensure that they are kept straight.



■ DIFFUSER / LOUVRE

SD • No Louvre**LL** • Longitudinal Louvre**HL** • Honeycomb Louvre

■ PROFILE COLOUR

BLK • Black (Standard)**WHT** • White**CST** • Custom Colour ¹

¹ Custom colours available on request.

■ WIRING CONFIGURATION

CONNECTOR TYPE	DRAWING	MALE	FEMALE
WR2OS Wire 2 Core One Side			
WR2BS Wire 2 Core Both Sides			
OC2MO Connector 2pin Male Only			
OC2MF Connector 2pin Male + Female			
LC2MO ¹ Locking Connector 2pin Male Only			
LC2MF ¹ Locking Connector 2pin Male + Female			
SMPLC Sample Type Connector 2.5mm			

■ For detailed information on Outdoor IP67 connector please contact Coolon.

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

¹ Locking Connectors (LC2MO / LC2MF) only available with Wire from Back (WB) and Suspension Kit.

WIRING COLOUR CODE	
Red	+ VDC
Black	GND

■ WIRING POSITION

WB - Wire from back



Ideal for fittings installed back-to-back or limited spaces.

WS - Wire from Side



Ideal for fittings installed individually or vertically.

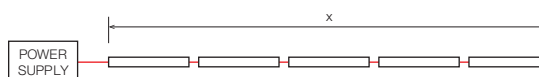
■ IP RATING

IP40

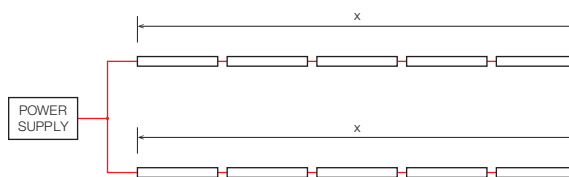
Protected against solid objects greater than 1mm. No protection against liquids.

■ INSTALLATION LIMITS

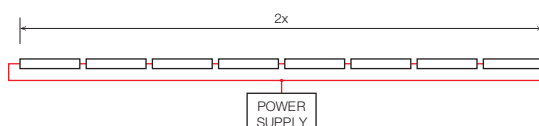
SCENARIO 1



SCENARIO 2



SCENARIO 3



11W VERSION

MAX. CONTINUOUS CONNECTION LENGTH (X)

CONNECTOR TYPE

15,000 mm	With standard 2 pin locking connectors (LC2MO / LC2MF)
20,000 mm	With 2 core (WR2BS)
9,000 mm	With 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

10,000 mm	With standard 2 pin locking connectors (LC2MO / LC2MF)
14,000 mm	With 2 core (WR2BS)
6,000 mm	With 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)

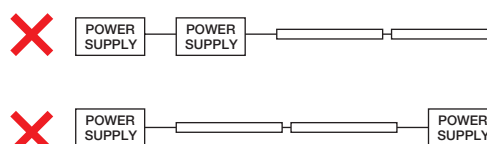
CONNECTOR TYPE

5,000 mm	With standard 2 pin locking connectors (LC2MO / LC2MF)
7,000 mm	With 2 core (WR2BS)
3,000 mm	With 2 pin connectors (OC2MO / OC2MF)

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

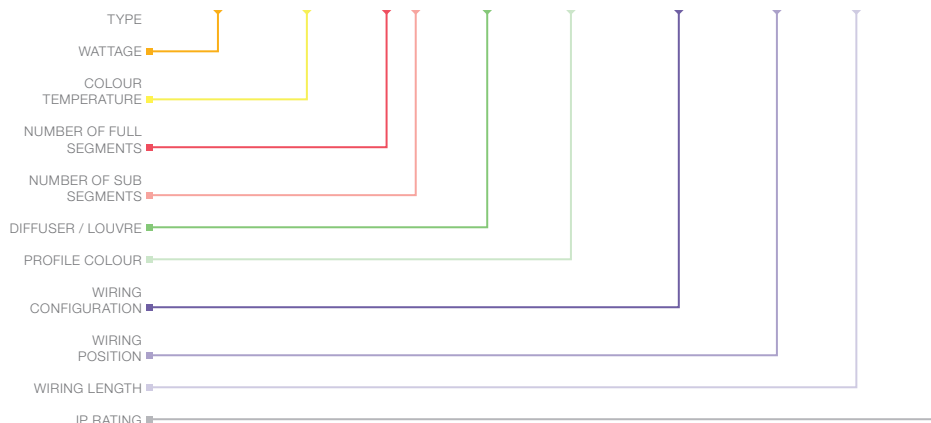
⚠ WARNING

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 - SD - WHT - LC2MF - WB - 100 - IP40



■ WATTAGE PAGE 04

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

■ COLOUR TEMPERATURE ¹ 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	
CORNER LENGTHS ²	
CLF	Corner Left Female Connector
CLM	Corner Left Male Connector
CRF	Corner Right Female Connector
CRM	Corner Right Male Connector

■ DIFFUSER / LOUVRE PAGE 08

SD	No Louvre
LL	Longitudinal Louvre
HL	Honeycomb Louvre

■ PROFILE COLOUR ³ PAGE 08

BLK	Black (Standard)
WHT	White
CST	Custom Colour

■ WIRING CONFIGURATION PAGE 09

WR2OS	Wire 2 Core One Side
WR2BS	Wire 2 Core Both Sides
OC2MO	Connector 2 pin Male Only
OC2MF	Connector 2 pin Male + Female
LC2MO ⁴	Locking Connector 4 pin Male Only
LC2MF ⁴	Locking Connector 4 pin Male + Female
SMPLC	Sample Type Connector 2.5mm

■ WIRING POSITION PAGE 09

WB	Wire from Back
WS	Wire from Side

■ WIRING LENGTH

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

■ IP RATING PAGE 09

IP40	Indoor Use
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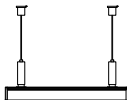



¹ Other CCT subject to availability.

² Corner configuration only available for 11W and 16W.

³ Custom colours available on request.

⁴ Locking Connectors (LC2MO / LC2MF) only available with Wire from Back (WB).

■ ACCESSORIES

	PRODUCT CODE	DESCRIPTION
MOUNTING CLIP ¹		
	MC-CCLIP20	Stainless Steel C-Clip for P20 Profile
	MC-STR-P17R-BLK	Rotating Clip Mount for P17 Profile - Black
	MC-STR-P17R-WHT	Rotating Clip Mount for P17 Profile - White
¹ Recommended spacing between Mounting Brackets is maximum 500mm and Mounting Clips is maximum 300mm.		
SUSPENSION KIT ²		
	MSK-STR-3000-0CG-BLK	Suspension Kit, 3000mm Wire, No Cable Grip, Black
	MSK-STR-3000-1CG-BLK	Suspension Kit, 3000mm Wire, 1 Cable Grip, Black
	MSK-STR-3000-2CG-BLK	Suspension Kit, 3000mm Wire, 2 Cable Grips, Black
² Recommended spacing between Suspensions is maximum 1000mm. Minimum of two Suspensions required per fitting.		
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
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
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
	CBLEXT-STR-OC2-IP65-0.6M	0.6m Connector Extension for Strips 1x Red, 1x Black, 0.75mm ² wires
	CBLEXT-STR-OC2-IP65-3M	3m Connector Extension for Strips 1x Red, 1x Black, 0.75mm ² wires
	CBLEXT-STR-OC2-IP65-5M	5m Connector Extension for Strips 1x Red, 1x Black, 0.75mm ² wires
	CBLEXT-STR-WR4-IP40-3M	3m Cable Extension for Strips 2x Red, 2x Black, 0.75mm ² wires
	CBLEXT-STR-WR4-IP40-5M	5m Cable Extension for Strips 2x Red, 2x Black, 0.75mm ² wires
	CBLEXT-STR-OC4-IP65-3M	3m Connector Extension for Strips 2x Red, 2x Black, 0.75mm ² wires
	CBLEXT-STR-OC4-IP65-5M	5m Connector Extension for Strips 2x Red, 2x Black, 0.75mm ² wires