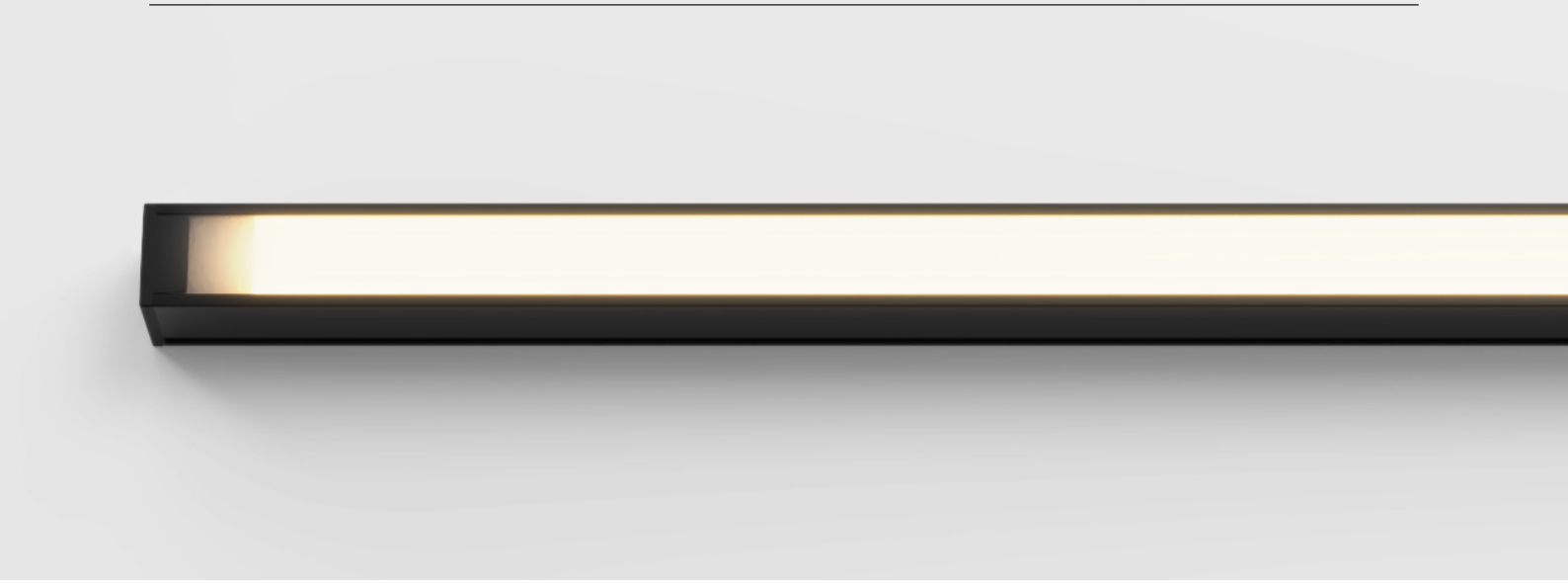
COOLON

MAYA UG IP

LED STRIP | STR-MAYA UG IP



Maya UG is a LED luminaire perfected for projects that prioritise high-quality illumination, design versatility, and ease of use. With a high CRI dot-free glow, a broad selection of CCTs, and length options, Maya UG IP delivers exceptional visual comfort while offering extensive customisation options.

Available in 9W and 18W, it features uniform glow diffusers that eliminate visible LED hotspots or scalloping, ensuring a smooth, uninterrupted light distribution. Maya UG IP excels in delivering premium light quality and adaptability, making it an ideal choice for applications where aesthetic precision and variety are key.

POWER

9W
9.0W / metre

P20T · 175 – 541 lm / metre

18W
17.3W / metre

P20T · 323 – 1,000 lm / metre

COLOUR TEMPERATURE

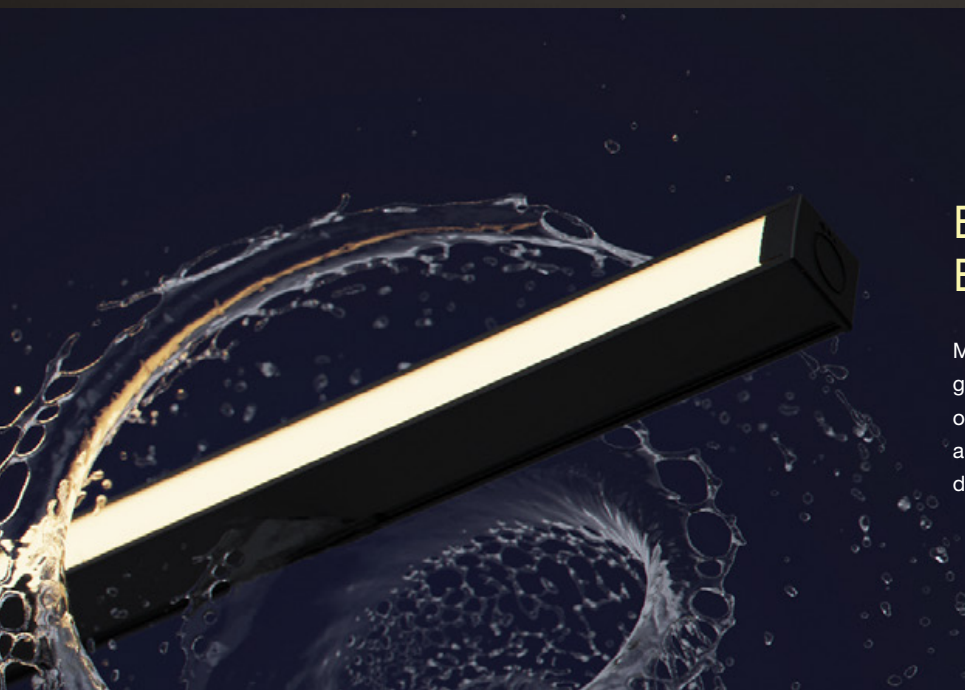
1800K 2200K 2700K 3000K 3500K 4000K 6500K

CONTROL OPTIONS

ON / OFF · DALI · DMX · CASAMBI

UNIFORM GLOW

The diffuser height and the pitch of the LED has been precisely designed to ensure perfectly uniform illumination along the length of the diffuser.



ELEGANT ENCAPSULATION

Maya UG IP utilises Coolon's encapsulation or gel-fill technology to deliver a truly extraordinary outdoor luminaire. IP66, IK08, shock and abrasion resistance, thermal protection, and dashingly good looks, all in one.

L90

LONG OPERATING LIFE

Coolon products use the world's most reputable LED manufacturers and the latest available standards to adequately report lumen maintenance. We strive to drive LEDs under their nominal current and use state-of-the-art heat dissipation methods, leading to durable electronics.

HIGH-QUALITY COLOUR RENDERING & CONSISTENCY

Offered in CRI 90+ for astonishing colour rendering. Tight binning ensures excellent product consistency and uniformity.

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

	9W VERSION	18W VERSION
Part Number	STR-MAYA UG IP	
Description	Maya UG IP LED Strip	
Body / Finish	Aluminium 6063-T5, Dulux Duralloy Powder Coated (Coastal Environments)	
Cover	UV stable, flame retardant Polyurethane Encapsulation	
Endcaps	UV stable, flame retardant polycarbonate (PC)	
Segment Length (S)	300mm	
Sub-Segment Length (A)	37.5mm	
Number of Sub-Segments	8	
LED Pitch	5.35mm	
LEDs Per Segment	56	
LEDs Per Sub Segment	7	
Operating Voltage	24VDC (Requires Class II / SELV compliant power supply)	
Typical Power Consumption per Segment	2.71W	5.13W
Typical Power Consumption per Metre	9.0W / Metre	17.3W / Metre
Light Quality	3-step MacAdam Ellipse, CRI >90, Rf: 93, Rg: 99	
Electrical Safety Classification	Class III (SELV)	
Dimmable	Through DRV-DALIPOINT-1X5A, DRV-DALIPOINT CV NEO, DRV-DIMMERPOINT-1X10A or DRV-RDM CV NEO (sold separately)	
Effective Beam Angle (FWHM)	113°	
External Heatsink Required	No	
Ambient Operating Temperature	Ta -10°C to 50°C	
Lumen Maintenance TM21	L90/B50 (12K) > 72,000 hours	
IP Rating	IP66 (Standard)	
IK Rating	IK08	
Max Continuous Connection Length	Please refer to installation limitations	

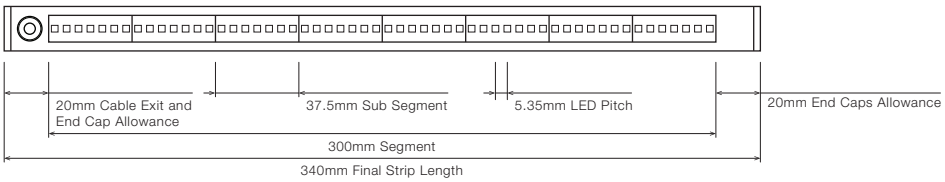
POWER & LUMEN OUTPUT

POWER	CCT	P20T WHT	P20T BLK
9W 9W / Metre	1800K	331 lm	175 lm
	2700K	462 lm	243 lm
	3000K	495 lm	261 lm
	3500K	526 lm	277 lm
	4000K	532 lm	280 lm
	6500K	541 lm	285 lm

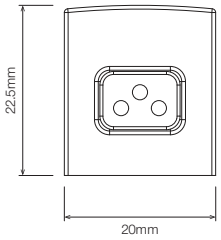
POWER	CCT	P20T WHT	P20T BLK
18W 17.3W / Metre	1800K	613 lm	323 lm
	2700K	853 lm	450 lm
	3000K	915 lm	482 lm
	3500K	972 lm	512 lm
	4000K	983 lm	518 lm
	6500K	1,000 lm	527 lm

DIMENSIONS

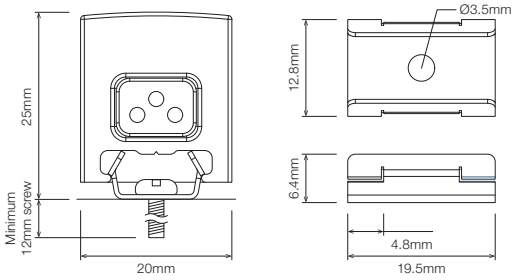
For final strip lengths please refer to the “Product Length” table.



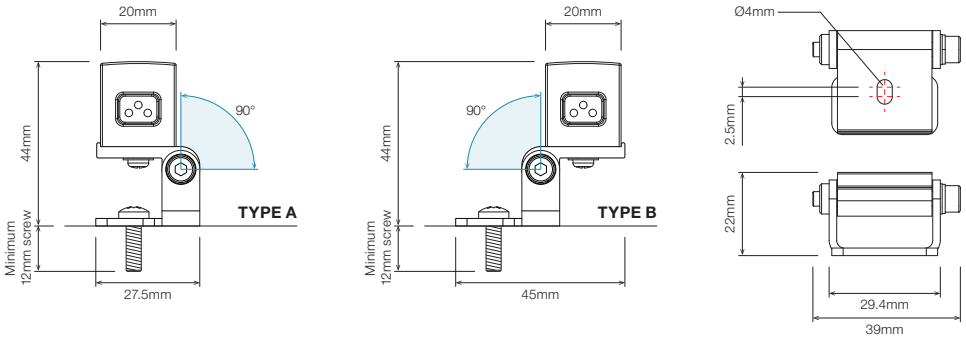
P20T PROFILE



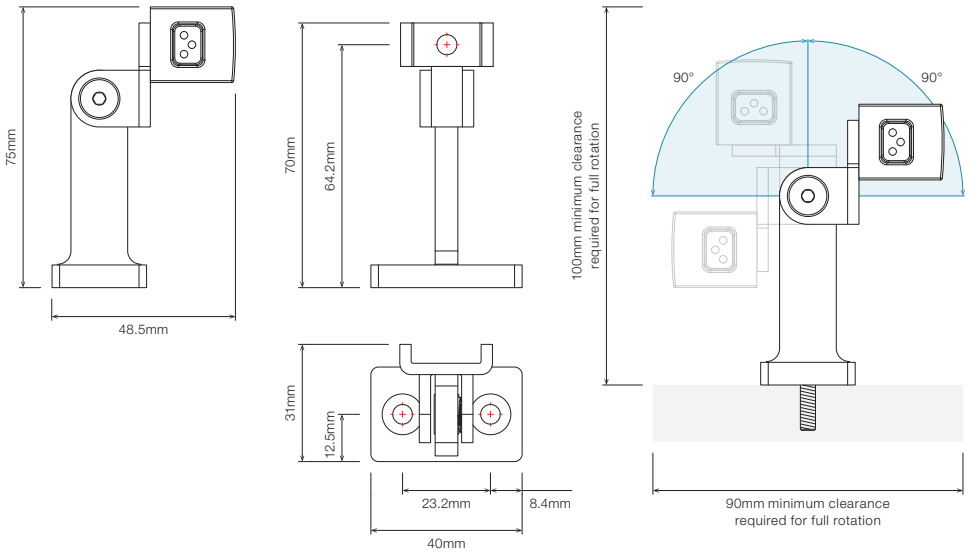
WITH STAINLESS STEEL C-CLIP



ROTATING MOUNTING BRACKET, TYPE A/B ROTATING CLIP



STAINLESS STEEL SHORT OUTREACH ADJUSTABLE ARM



PRODUCT LENGTH WITH P20T

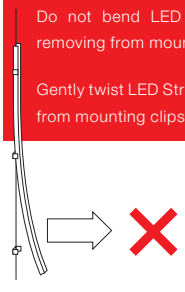
FULL SEGMENTS	SUB SEGMENTS	EXACT STRIP LENGTH	WS END CAP ALLOWANCE	WS FINAL LENGTH	WA END CAP ALLOWANCE	WA FINAL LENGTH
PS0	A1	37.5mm	add 40mm	77.5mm	add 62.5mm	100mm
PS0	A2	75mm	add 40mm	115mm	add 62.5mm	137.5mm
PS0	A3	112.5mm	add 40mm	152.5mm	add 62.5mm	175mm
PS0	A4	150mm	add 40mm	190mm	add 62.5mm	212.5mm
PS0	A5	187.5mm	add 40mm	227.5mm	add 62.5mm	250mm
PS0	A6	225mm	add 40mm	265mm	add 62.5mm	287.5mm
PS0	A7	262.5mm	add 40mm	302.5mm	add 62.5mm	325mm
PS1	A0	300mm	add 40mm	340mm	add 62.5mm	362.5mm
PS1	A1	337.5mm	add 40mm	377.5mm	add 62.5mm	400mm
PS1	A2	375mm	add 40mm	415mm	add 62.5mm	437.5mm
PS1	A3	412.5mm	add 40mm	452.5mm	add 62.5mm	475mm
PS1	A4	450mm	add 40mm	490mm	add 62.5mm	512.5mm
PS1	A5	487.5mm	add 40mm	527.5mm	add 62.5mm	550mm
PS1	A6	525mm	add 40mm	565mm	add 62.5mm	587.5mm
PS1	A7	562.5mm	add 40mm	602.5mm	add 62.5mm	625mm
PS2	A0	600mm	add 40mm	640mm	add 62.5mm	662.5mm
PS2	A1	637.5mm	add 40mm	677.5mm	add 62.5mm	700mm
PS2	A2	675mm	add 40mm	715mm	add 62.5mm	737.5mm
PS2	A3	712.5mm	add 40mm	752.5mm	add 62.5mm	775mm
PS2	A4	750mm	add 40mm	790mm	add 62.5mm	812.5mm
PS2	A5	787.5mm	add 40mm	827.5mm	add 62.5mm	850mm
PS2	A6	825mm	add 40mm	865mm	add 62.5mm	887.5mm
PS2	A7	862.5mm	add 40mm	902.5mm	add 62.5mm	925mm
PS3	A0	900mm	add 40mm	940mm	add 62.5mm	962.5mm
PS3	A1	937.5mm	add 40mm	977.5mm	add 62.5mm	1,000mm
PS3	A2	975mm	add 40mm	1,015mm	add 62.5mm	1,037.5mm
PS3	A3	1,012.5mm	add 40mm	1,052.5mm	add 62.5mm	1,075mm
PS3	A4	1,050mm	add 40mm	1,090mm	add 62.5mm	1,112.5mm
PS3	A5	1,087.5mm	add 40mm	1,127.5mm	add 62.5mm	1,150mm
PS3	A6	1,125mm	add 40mm	1,165mm	add 62.5mm	1,187.5mm
PS3	A7	1,162.5mm	add 40mm	1,202.5mm	add 62.5mm	1,225mm
PS4	A0	1,200mm	add 40mm	1,240mm	add 62.5mm	1,262.5mm
PS4	A1	1,237.5mm	add 40mm	1,277.5mm	add 62.5mm	1,300mm
PS4	A2	1,275mm	add 40mm	1,315mm	add 62.5mm	1,337.5mm
PS4	A3	1,312.5mm	add 40mm	1,352.5mm	add 62.5mm	1,375mm
PS4	A4	1,350mm	add 40mm	1,390mm	add 62.5mm	1,412.5mm
PS4	A5	1,387.5mm	add 40mm	1,427.5mm	add 62.5mm	1,450mm
PS4	A6	1,425mm	add 40mm	1,465mm	add 62.5mm	1,487.5mm
PS4	A7	1,462.5mm	add 40mm	1,502.5mm	add 62.5mm	1,525mm
PS5	A0	1,500mm	add 40mm	1,540mm	add 62.5mm	1,562.5mm
PS5	A1	1,537.5mm	add 40mm	1,577.5mm	add 62.5mm	1,600mm
PS5	A2	1,575mm	add 40mm	1,615mm	add 62.5mm	1,637.5mm
PS5	A3	1,612.5mm	add 40mm	1,652.5mm	add 62.5mm	1,675mm
PS5	A4	1,650mm	add 40mm	1,690mm	add 62.5mm	1,712.5mm
PS5	A5	1,687.5mm	add 40mm	1,727.5mm	add 62.5mm	1,750mm
PS5	A6	1,725mm	add 40mm	1,765mm	add 62.5mm	1,787.5mm
PS5	A7	1,762.5mm	add 40mm	1,802.5mm	add 62.5mm	1,825mm

Continued on next page

⚠ WARNING

Do not bend LED strip when removing from mounting clips.

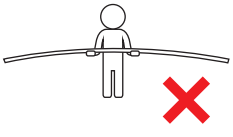
Gently twist LED Strip to remove from mounting clips.



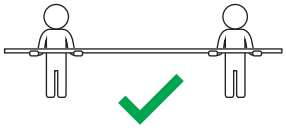
⚠ WARNING

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 WITH P20T
(CONTINUED)

FULL SEGMENTS	SUB SEGMENTS	EXACT STRIP LENGTH	WS END CAP ALLOWANCE	WS FINAL LENGTH	WA END CAP ALLOWANCE	WA FINAL LENGTH
PS6	A0	1,800mm	add 40mm	1,840mm	add 62.5mm	1,862.5mm
PS6	A1	1,837.5m	add 40mm	1,877.5mm	add 62.5mm	1,900mm
PS6	A2	1,875mm	add 40mm	1,915mm	add 62.5mm	1,937.5mm
PS6	A3	1,912.5mm	add 40mm	1,952.5mm	add 62.5mm	1,975mm
PS6	A4	1,950mm	add 40mm	1,990mm	add 62.5mm	2,012.5mm
PS6	A5	1,987.5mm	add 40mm	2,027.5mm	add 62.5mm	2,050mm
PS6	A6	2,025mm	add 40mm	2,065mm	add 62.5mm	2,087.5mm
PS6	A7	2,062.5mm	add 40mm	2,102.5mm	add 62.5mm	2,125mm
PS7	A0	2,100mm	add 40mm	2,140mm	add 62.5mm	2,162.5mm
PS7	A1	2,137.5mm	add 40mm	2,177.5mm	add 62.5mm	2,200mm
PS7	A2	2,175mm	add 40mm	2,215mm	add 62.5mm	2,237.5mm
PS7	A3	2,212.5mm	add 40mm	2,252.5mm	add 62.5mm	2,275mm
PS7	A4	2,250mm	add 40mm	2,290mm	add 62.5mm	2,312.5mm
PS7	A5	2,287.5mm	add 40mm	2,327.5mm	add 62.5mm	2,350mm
PS7	A6	2,325mm	add 40mm	2,365mm	add 62.5mm	2,387.5mm
PS7	A7	2,362.5mm	add 40mm	2,402.5mm	add 62.5mm	2,425mm
PS8	A0	2,400mm	add 40mm	2,440mm	add 62.5mm	2,462.5mm
PS8	A1	2,437.5mm	add 40mm	2,477.5mm	add 62.5mm	2,500mm
PS8	A2	2,475mm	add 40mm	2,515mm	add 62.5mm	2,537.5mm
PS8	A3	2,512.5mm	add 40mm	2,552.5mm	add 62.5mm	2,575mm
PS8	A4	2,550mm	add 40mm	2,590mm	add 62.5mm	2,612.5mm
PS8	A5	2,587.5mm	add 40mm	2,627.5mm	add 62.5mm	2,650mm
PS8	A6	2,625mm	add 40mm	2,665mm	add 62.5mm	2,687.5mm
PS8	A7	2,662.5mm	add 40mm	2,702.5mm	add 62.5mm	2,725mm
PS9	A0	2,700mm	add 40mm	2,740mm	add 62.5mm	2,762.5mm
PS9	A1	2,737.5mm	add 40mm	2,777.5mm	add 62.5mm	2,800mm
PS9	A2	2,775mm	add 40mm	2,815mm	add 62.5mm	2,837.5mm
PS9	A3	2,812.5mm	add 40mm	2,852.5mm	add 62.5mm	2,875mm
PS9	A4	2,850mm	add 40mm	2,890mm	add 62.5mm	2,912.5mm
PS9	A5	2,887.5mm	add 40mm	2,927.5mm	add 62.5mm	2,950mm
PS9	A6	2,925mm	add 40mm	2,965mm	add 62.5mm	2,987.5mm

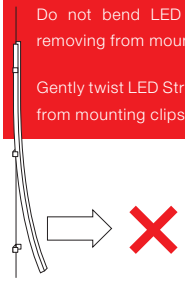
Confirm interstate courier compliance

- Custom length subject to availability

⚠ WARNING

Do not bend LED strip when removing from mounting clips.

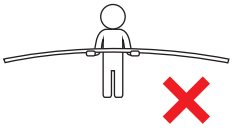
Gently twist LED Strip to remove from mounting clips.



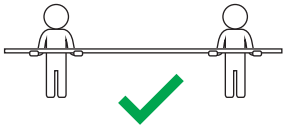
⚠ WARNING

PLEASE HANDLE LONG LED STRIPS WITH CARE.

LED Strips must not be bent.



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



PROFILE / DIFFUSER

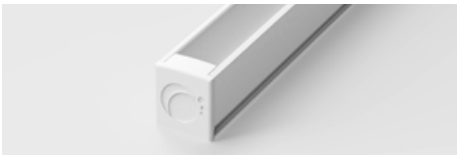
P20T · P20 Profile Diffused

PROFILE COLOUR

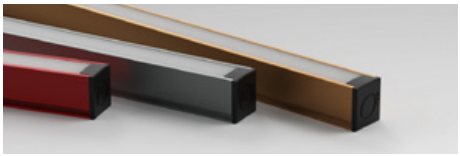
Profile colour applicable to P20 only.

BLK · Black (Standard)

WHT · White (Standard)

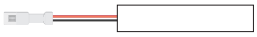
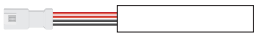
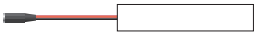


CST · Custom Colour [1]



[1] Custom colours available on request.

WIRING CONFIGURATION

CONNECTOR TYPE	DRAWING	MALE	FEMALE
OC2MO Connector 2pin Male Only			
OC2MF Connector 2pin Male + Female			
OC4MO Connector 4pin Male Only			
OC4MF Connector 4pin Male + Female			
FC4MO Outdoor Connector 4 pin Male Only			
FC4MF Outdoor Connector 4 pin 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.

WIRING COLOUR CODE

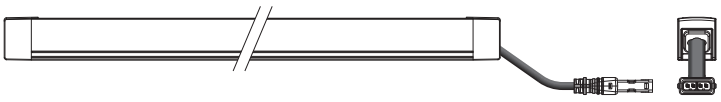
OC2MO / OC2MF / OC4MO / OC4MF	
Red	+VDC
Black	GND

FC4MO / FC4MF	
Brown	+VDC
Red	+VDC
Orange	GND
Yellow	GND

WIRING POSITION

WS - Wire from Side

WA - Wire from Angle



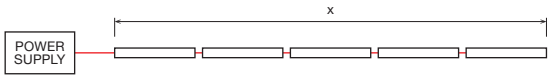
IP RATING

IP66

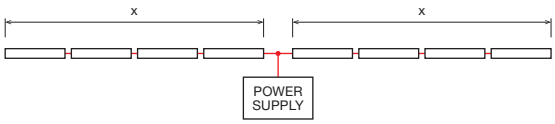
Fully protected against dust.
Protected against wave-like
water jets from all directions.

INSTALLATION LIMITS

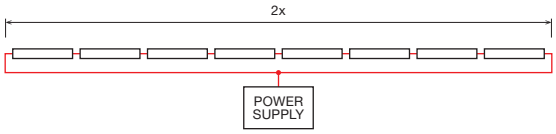
SCENARIO 1



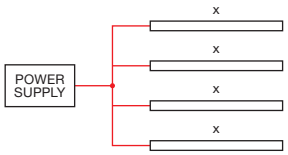
SCENARIO 2



SCENARIO 3



SCENARIO 4



9W VERSION

MAX. CONTINUOUS CONNECTION LENGTH (X)	CONNECTOR TYPE
6,900 mm	With outdoor 2 pin connectors (OC2MO / OC2MF)
11,200 mm	With outdoor 4 pin connectors (OC4MO / OC4MF)
14,000 mm	With outdoor 4 pin flat connectors (FC4MO / FC4MF)

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

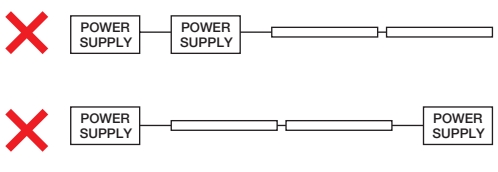
18W VERSION

MAX. CONTINUOUS CONNECTION LENGTH (X)	CONNECTOR TYPE
3,400 mm	With outdoor 2 pin connectors (OC2MO / OC2MF)
5,800 mm	With outdoor 4 pin connectors (OC4MO / OC4MF)
7,000 mm	With outdoor 4 pin flat connectors (FC4MO / FC4MF)

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

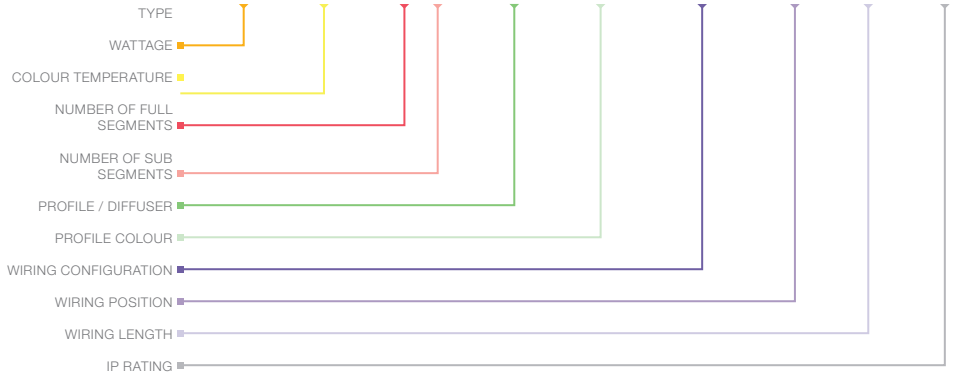
⚠ WARNING

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



ORDERING EXAMPLE

STR - MAYA UG IP - 18W - 3.0K - PS2A0 - P20T - WHT - OC4MO - WA - 100 - IP66



WATTAGE

9W	9.0W per Metre
18W	17.3W per Metre

COLOUR TEMPERATURE [1]

1.8KCRI	1800K CRI 90
2.2KCRI	2200K CRI 90
2.7KCRI	2700K CRI 90
3.0KCRI	3000K CRI 90
3.5KCRI	3500K CRI 90
4.0KCRI	4000K CRI 90
6.5KCRI	6500K CRI 90

PRODUCT LENGTH

FULL SEGMENTS	SUB SEGMENTS
PS0	A0
PS1	A1
PS2	A2
PS3	A3
PS4	A4
PS5	A5
PS6	A6
PS7	A7
PS8	
PS9	

PROFILE / DIFFUSER

P20T	P20 Profile Diffused

PROFILE COLOUR [2]

WHT	White (Standard)
BLK	Black
CST	Custom Colour

WIRING CONFIGURATION

WR2OS	Wire 2 Core One Side
WR2BS	Wire 2 Core Both Sides
OC4MO	Outdoor Connector 4 pin Male Only
OC4MF	Outdoor Connector 4 pin Male + Female
FC4MO	Outdoor Connector 4 pin Male Only
FC4MF	Outdoor Connector 4 pin Male + Female
SMPLC	Sample Type Connector 2.5mm

WIRING POSITION

WS	Wire from Side
WA	Wire from Angle

WIRING LENGTH

100	100mm
250	250mm
500	500mm
1000	1,000mm

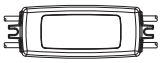
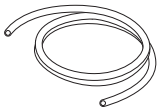
IP RATING

IP66	Outdoor Use

[1] Other CCT subject to availability.

[2] Custom colours available on request.

ACCESSORIES

	PRODUCT CODE	DESCRIPTION
MOUNTING CLIP [1]		
	MC-CCLIP20	Stainless Steel C-Clip for P20 Profile
	MBR-RB-TA-P20-BLK	Rotating Bracket, TYPE A Rotating Clip - Black
	MBR-RB-TB-P20-BLK	Rotating Bracket, TYPE B Rotating Clip - Black
	MBR-STR-ARM-70-SS	Short Outreach Adjustable Arm - Stainless Steel
DRIVER		
	DRV-DALIPOINT-1X5A	DALI 5 Amps 1 Channel LED Driver
	DRV-DALIPOINT CV NEO	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 CV NEO	Neo Outdoor DMX / RDM 4 Channel LED Driver
	DRV-LC-150W-24VDC-BDW-SC-PRE2	Tridonic AC Powered and Casambi Enabled, Constant Voltage Driver, 150W 24V
POWER SUPPLY		
	PWR-HLG-60H-24AU	Mean Well Power Supply HLG 60W 24V
	PWR-HLG-150H-24AU	Mean Well Power Supply HLG 150W 24V
	PWR-HLG-240H-24AU	Mean Well Power Supply HLG 240W 24V
	PWR-HLG-320H-24AU	Mean Well Power Supply HLG 320W 24V
CABLE EXTENSIONS		
	CBLEXT-STR-OC2-IP65-0.6M	0.6m Connector Extension for Strips 1x Red, 1x Black, 0.75mm² wires
	CBLEXT-STR-OC2-IP65-3M	3m Connector Extension for Strips 1x Red, 1x Black, 0.75mm² wires
	CBLEXT-STR-OC2-IP65-5M	5m Connector Extension for Strips 1x Red, 1x Black, 0.75mm² wires
	CBL-STR/LNR-FC4FO-DC-L-IP65-1M	Leader Cable with Female Receptacle Outdoor Connector (FC4FO 4 pin) and 1m DC Cable. Red, Brown, Yellow, Orange

[1] Recommended spacing for all Mounting Brackets and Clips is maximum 500mm.

PHOTOGRAPHY

	LOCATION	LIGHTING PARTNER	PHOTOGRAPHER
Cover Photo	Kamay Wharves - Kurnell, NSW	Jadecross	Jackie Chan