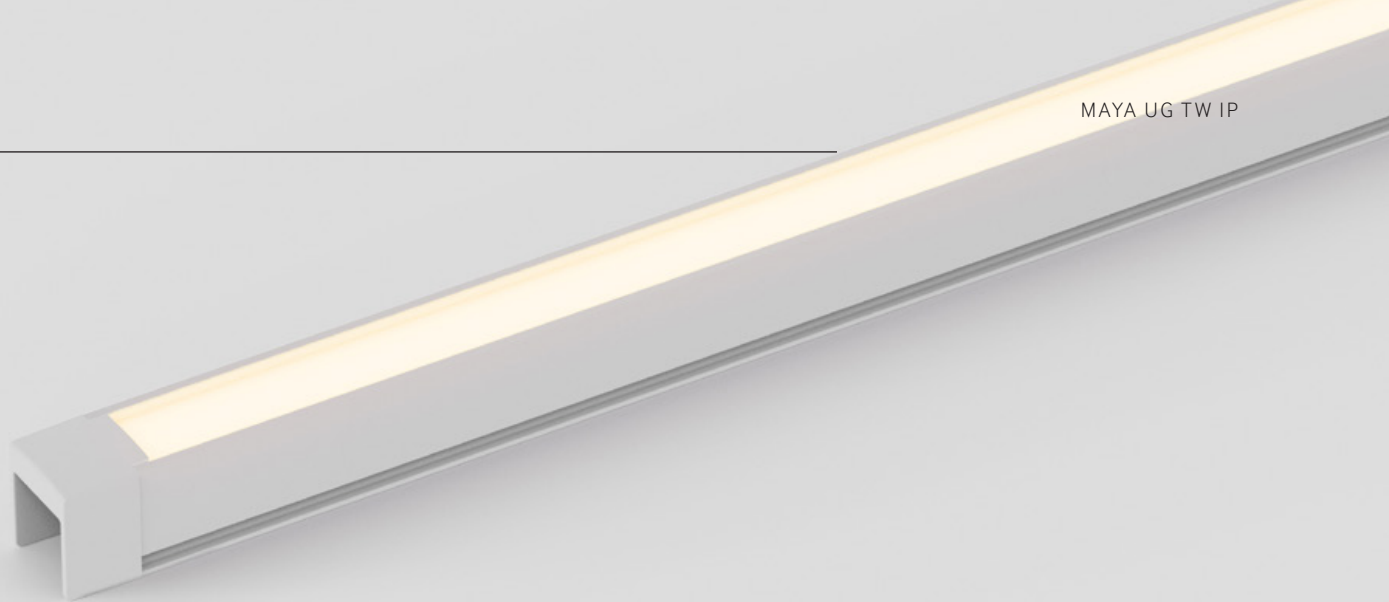




MAYA UG TW IP

LED STRIP STR-MAYA UG TW IP





Maya UG TW IP seamlessly blends convenience and performance. With tunable white illumination, it's the ideal choice for projects prioritizing versatility, powerful lumen output and ease of use.

Available in two wattages (5W and 10W), Maya UG TW IP features a flawless uniform glow diffuser. You won't find any dots or scalloping visible along the entire length of the luminaire or on the illuminated surface.

POWER

LUMINOUS FLUX ¹

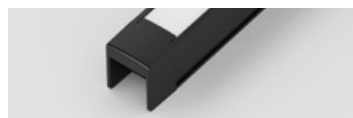
TUNABLE WHITE

5W

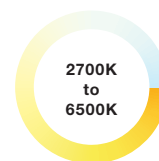
4.7W / metre



P20D WHT · 135 – 154 lm / metre



P20D BLK · 61 – 67 lm / metre

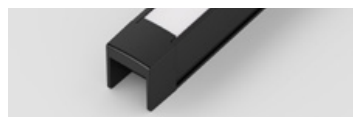


10W

9.2W / metre



P20D WHT · 281 – 323 lm / metre



P20D BLK · 127 – 141 lm / metre



TUNABLE WHITE

Reproduce and maintain perfect white light ranging from 2700 to 6500K. Colour temperature (CCT) and intensity control made simple.

MULTIPLE LENGTHS

Highly versatile length options allow the user to achieve accurate and adaptable lengths. Maya UG TW IP can achieve any desired length in 50mm increments.



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.



VARIOUS CCT & COLOUR BINNING CONSISTENCY

All products are offered in various colour temperatures, and manufactured using tighter bins, ensuring excellent consistency and uniformity.



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

	5W VERSION	10W VERSION
Product Code	STR-MAYA UG TW IP	
Description	Maya UG Tunable White Outdoor Linear LED Strip	
Body	Aluminium Alloy Body	
Finish	Powder Coated White (Standard), Various Colours Available	
Cover	Polyurethane	
End Caps	Polycarbonate	
Segment Length (S)	50mm	
LED Pitch	7.14mm	
LEDs Per Segment	7 clusters of 2 WW+CW LEDs	
Operating Voltage	24VDC	
Typical Power Consumption	0.235W per 50mm Segment	0.460W per 50mm Segment
Typical Power Consumption per metre	4.7W	9.2W
Typical Current	9.8mA per 50mm Segment	19.2mA per 50mm Segment
Colour Temperature Range	2700K – 6500K ¹	
Colour Rendering Index (CRI)	90+	
Dimmable	Through EldoLed LINEARdrive range (sold separately)	
Typical Luminous Flux per Metre (lm/m)	61 – 323lm / metre ²	
External Heatsink Required	No	
Ambient Operating Temp	-10°C to 50°C	
Reported Lumen Maintenance TM21-11 (@ Ts = 55°C, If = 60mA)	L70 (12K) > 72,000 hours L90 (12K) > 72,000 hours	
	Maya UG TW max. operating values (@ Ts = 55°C, If = 20mA)	
IP Rating	IP66	

POWER & LUMEN OUTPUT

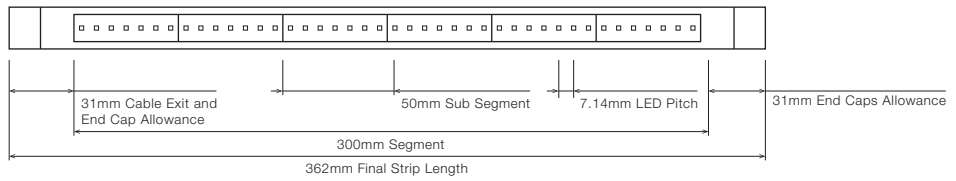
MAYA UG TW		P20T WHT	P20T BLK
POWER 5W / Metre	■ 2700K	135 lm	61 lm
	■ 6500K	154 lm	67 lm
POWER 10W / Metre	■ 2700K	281 lm	127 lm
	■ 6500K	323 lm	141 lm

¹ CCT may vary on the extremes depending on LED binning

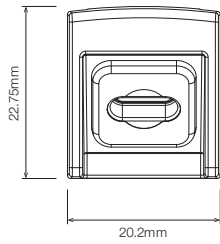
² Maximum lumen output measured at cool white side (~6500K)

■ DIMENSIONS

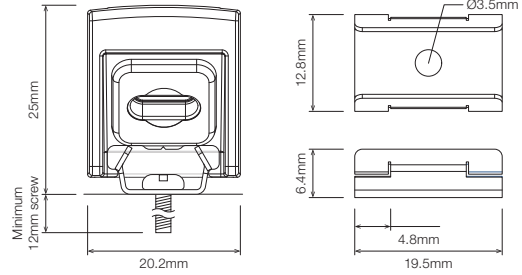
For final strip lengths please refer to the "Product Length" table.



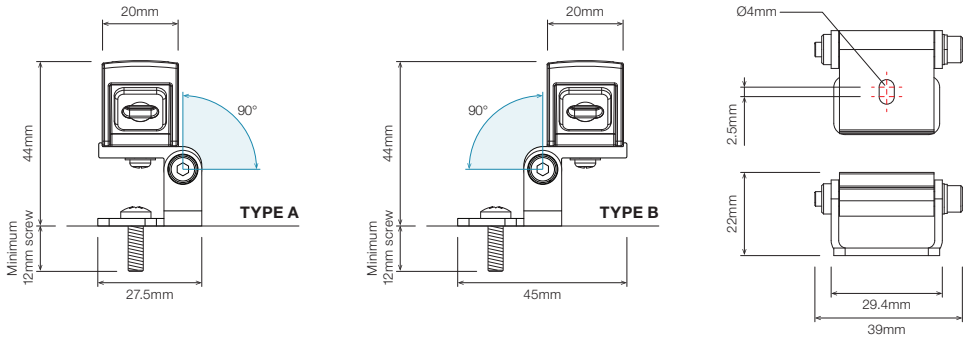
STANDARD PROFILE



WITH STAINLESS STEEL C-CLIP ¹



ROTATING MOUNTING BRACKET, TYPE A/B ROTATING CLIP ¹

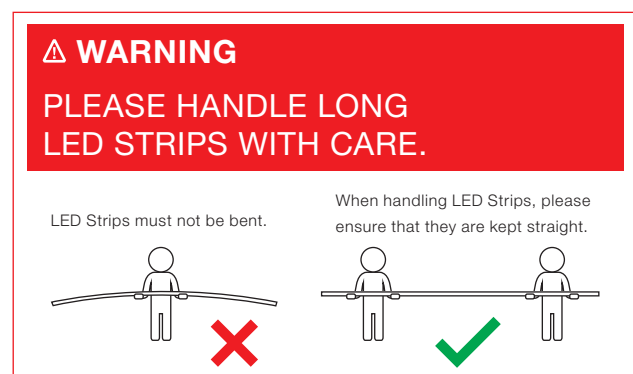
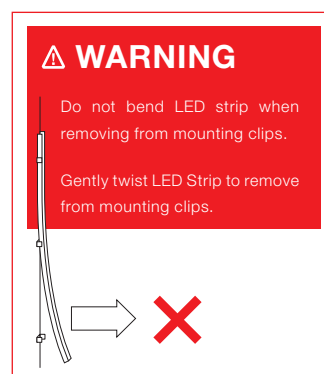


¹ Recommended spacing between Mounting Brackets is maximum 500mm and Mounting Clips is maximum 300mm.

PRODUCT LENGTH

FULL SEGMENTS	SUB SEGMENTS	EXACT STRIP LENGTH	END CAP ALLOWANCE	FINAL LENGTH
S0	A1	50mm	add 62mm	112mm
S0	A2	100mm	add 62mm	162mm
S0	A3	150mm	add 62mm	212mm
S0	A4	200mm	add 62mm	262mm
S0	A5	250mm	add 62mm	312mm
S1	A0	300mm	add 62mm	362mm
S1	A1	350mm	add 62mm	412mm
S1	A2	400mm	add 62mm	462mm
S1	A3	450mm	add 62mm	512mm
S1	A4	500mm	add 62mm	562mm
S1	A5	550mm	add 62mm	612mm
S2	A0	600mm	add 62mm	662mm
S2	A1	650mm	add 62mm	712mm
S2	A2	700mm	add 62mm	762mm
S2	A3	750mm	add 62mm	812mm
S2	A4	800mm	add 62mm	862mm
S2	A5	850mm	add 62mm	912mm
S3	A0	900mm	add 62mm	962mm
S3	A1	950mm	add 62mm	1,012mm
S3	A2	1,000mm	add 62mm	1,062mm
S3	A3	1,050mm	add 62mm	1,112mm
S3	A4	1,100mm	add 62mm	1,162mm
S3	A5	1,150mm	add 62mm	1,212mm
S4	A0	1,200mm	add 62mm	1,262mm
S4	A1	1,250mm	add 62mm	1,312mm
S4	A2	1,300mm	add 62mm	1,362mm
S4	A3	1,350mm	add 62mm	1,412mm
S4	A4	1,400mm	add 62mm	1,462mm
S4	A5	1,450mm	add 62mm	1,512mm
S5	A0	1,500mm	add 62mm	1,562mm
S5	A1	1,550mm	add 62mm	1,612mm
S5	A2	1,600mm	add 62mm	1,662mm
S5	A3	1,650mm	add 62mm	1,712mm
S5	A4	1,700mm	add 62mm	1,762mm
S5	A5	1,750mm	add 62mm	1,812mm
S6	A0	1,800mm	add 62mm	1,862mm
S6	A1	1,850mm	add 62mm	1,912mm
S6	A2	1,900mm	add 62mm	1,962mm
S6	A3	1,950mm	add 62mm	2,012mm
S6	A4	2,000mm	add 62mm	2,062mm
S6	A5	2,050mm	add 62mm	2,112mm
S7	A0	2,100mm	add 62mm	2,162mm
S7	A1	2,150mm	add 62mm	2,212mm
S7	A2	2,200mm	add 62mm	2,262mm
S7	A3	2,250mm	add 62mm	2,312mm
S7	A4	2,300mm	add 62mm	2,362mm
S7	A5	2,350mm	add 62mm	2,412mm

➤ Continued on next page

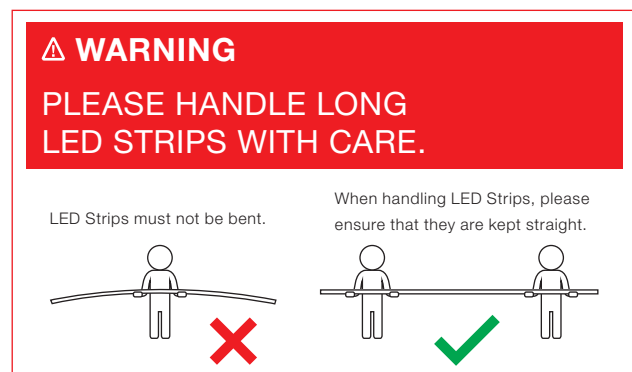
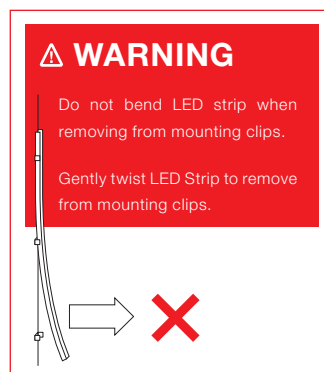


PRODUCT LENGTH

(CONTINUED)

FULL SEGMENTS	SUB SEGMENTS	EXACT STRIP LENGTH	END CAP ALLOWANCE	FINAL LENGTH
S8	A0	2,400mm	add 62mm	2,462mm
S8	A1	2,450mm	add 62mm	2,512mm
S8	A2	2,500mm	add 62mm	2,562mm
S8	A3	2,550mm	add 62mm	2,612mm
S8	A4	2,600mm	add 62mm	2,662mm
S8	A5	2,650mm	add 62mm	2,712mm
S9	A0	2,700mm	add 62mm	2,762mm
S9	A1	2,750mm	add 62mm	2,812mm
S9	A2	2,800mm	add 62mm	2,862mm
S9	A3	2,850mm	add 62mm	2,912mm
S9	A4	2,900mm	add 62mm	2,962mm

- Confirm interstate courier compliance
- Custom length subject to availability



■ PROFILE /
DIFFUSER

P20T · P20 Profile Diffused



■ PROFILE
COLOUR

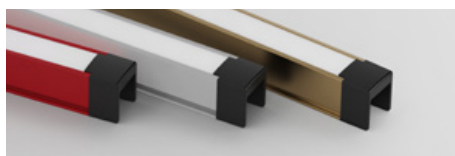
WHT · White (Standard)



BLK · Black


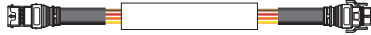


CST · Custom Colour ¹



¹ Custom colours available on request. End caps only available in white, black and grey.

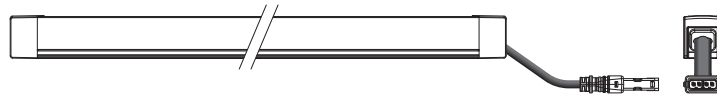
WIRING CONFIGURATION

CONNECTOR TYPE	DRAWING	IN	OUT
FC4MO Outdoor Connector 4 pin Male Only		<ul style="list-style-type: none"> ● + 24V ● + 24V ● - CW ● - WW 	
FC4MF Outdoor Connector 4 pin Male + Female		<ul style="list-style-type: none"> ● + 24V ● + 24V ● - CW ● - WW 	<ul style="list-style-type: none"> ● + 24V ● + 24V ● - CW ● - WW

WIRING COLOUR CODE	
Brown	+ 24V
Red	+ 24V
Orange	- CW (Cool White LEDs)
Yellow	- WW (Warm White LEDs)

WIRING POSITION

WA - Wire from Angle

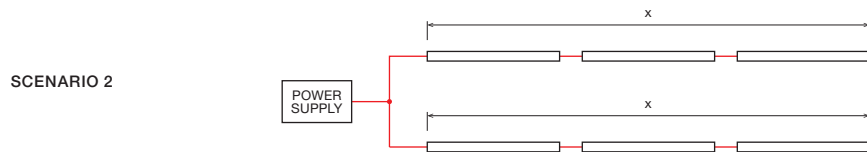
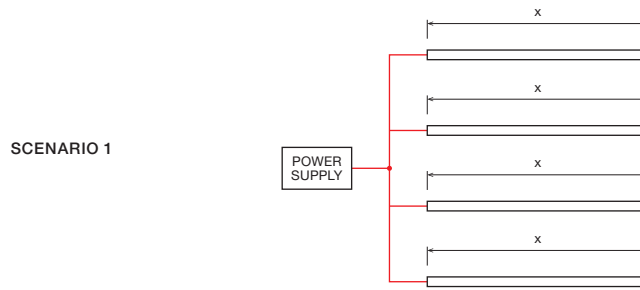


IP RATING

IP66

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

■ INSTALLATION LIMITS



5W VERSION

MAX. CONTINUOUS CONNECTION LENGTH (X) CONNECTOR TYPE

10,000 mm	With standard outdoor 4 pin connectors (FC4MO / FC4MF)
-----------	--

- Please consult Coolon for details on extension cable between LED fittings, drivers and power supplies.
- Luminaire limits are designed considering a tunable white configuration is used on the drivers, where both colours are never operating at 100% intensity at the same time.

10W VERSION

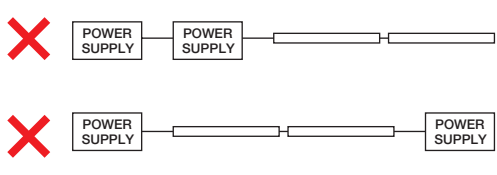
MAX. CONTINUOUS CONNECTION LENGTH (X) CONNECTOR TYPE

5,000 mm	With standard outdoor 4 pin connectors (FC4MO / FC4MF)
----------	--

- Please consult Coolon for details on extension cable between LED fittings, drivers and power supplies.
- Luminaire limits are designed considering a tunable white configuration is used on the drivers, where both colours are never operating at 100% intensity at the same time.

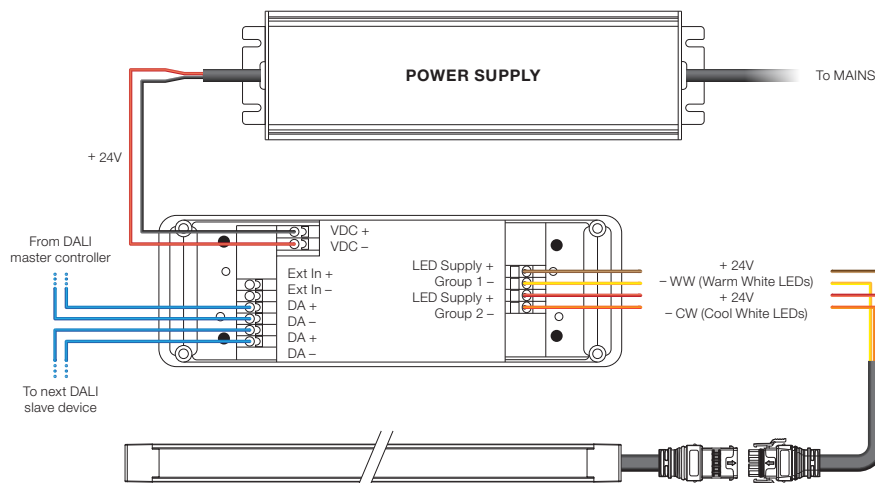
⚠ WARNING

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



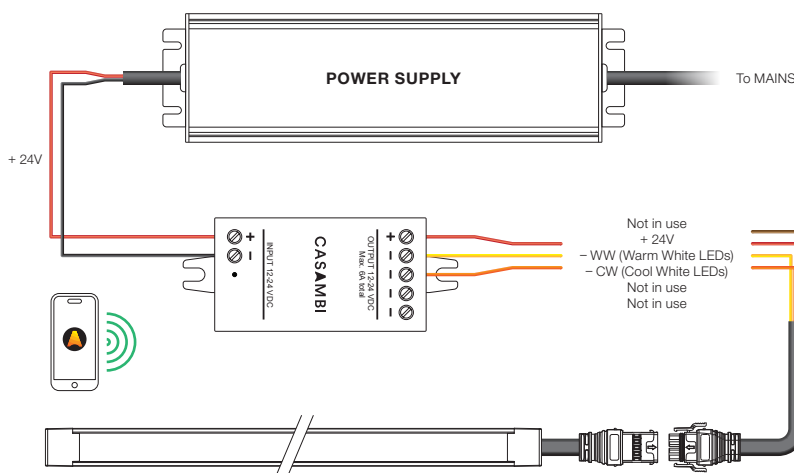
WIRING DIAGRAMS

WITH LINEARdrive



MAYA UG TW IP
NOTE: DALI and MAINS cables by others

WITH CASAMBI CBU-PWM4



MAYA UG TW IP
NOTE: DALI and MAINS cables by others

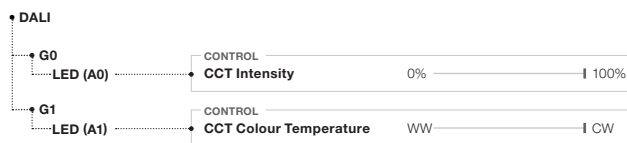
PRE LOADED DALI CONFIGURATION & CONTROL

DRIVER

LINEARdrive DRV-LN200D-D2Z2D

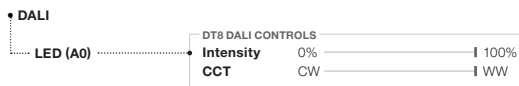
CONTROL PROTOCOL

DALI Device Type 6 (DT6)



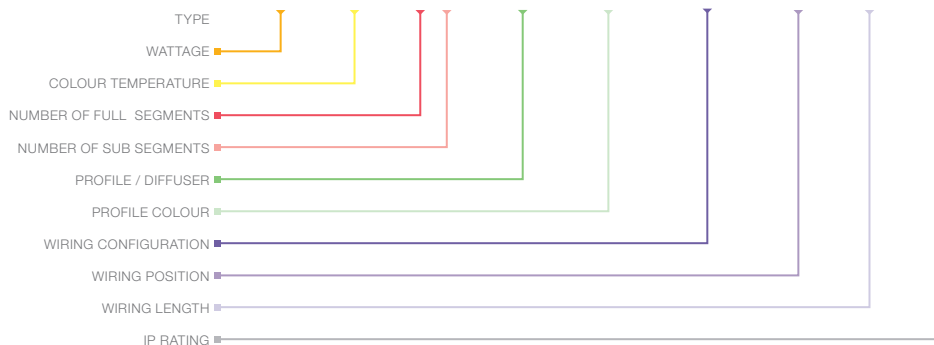
LINEARdrive DRV-LN200D-D2Z2C

DALI Device Type 8 (DT8)



ORDERING EXAMPLE

STR - MAYA UG TW IP - 10W - TW - S2A0 - P20T - WHT - FC4MO - WA - 150 - IP66



WATTAGE

5W	4.7W per Metre
10W	9.2W per Metre

COLOUR TEMPERATURE

TW	Tunable White (2700K – 6500K)
TWW	Tunable White Warm (1800K – 3000K) ¹

PRODUCT LENGTH

FULL SEGMENTS	SUB SEGMENTS
S0	A0
S1	A1
S2	A2
S3	A3
S4	A4
S5	A5
S6	
S7	
S8	
S9	

PROFILE / DIFFUSER

P20T	P20 Profile Diffused
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PROFILE COLOUR

WHT	White (Standard)
BLK	Black
CST	Custom Colour ²

WIRING CONFIGURATION

FC4MO	Outdoor Connector 4 pin Male Only
FC4MF	Outdoor Connector 4 pin Male + Female

WIRING POSITION

WA	Wire from Angle
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WIRING LENGTH

150	150mm
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IP RATING

IP66	Outdoor Use
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¹ Custom LED variant.

² Custom colours available on request. End caps only available in white, black and grey.

■ ACCESSORIES

	PRODUCT CODE	DESCRIPTION
MOUNTING		
	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
¹ Recommended spacing between Mounting Brackets is maximum 500mm and Mounting Clips is maximum 300mm.		
DRIVER		
	DRV-LN200D-D2Z2C	LINEARdrive, 224W, DALI DT8 , 2 Control CH, 2 Outputs
	DRV-LN200D-D2Z2D	LINEARdrive, 224W, DALI DT6 , 2 Control CH, 2 Outputs
	CAS-CBU-PWM4	Casambi TW 4 Channel CV Bluetooth Controllable PWM Dimmer CBU-PWM4
POWER SUPPLY FOR OUTDOOR USE		
	PWR-HLG60-24V	Mean Well Power Supply HLG 60W 24V
	PWR-HLG150-24V	Mean Well Power Supply HLG 150W 24V
	PWR-HLG240-24V	Mean Well Power Supply HLG 240W 24V
CABLE EXTENSIONS		
	CBL-STR/LNR-FC4FO-DC-L-IP65-1M	1 Metre Flat Leader Cable with Female Receptacle Outdoor Connector