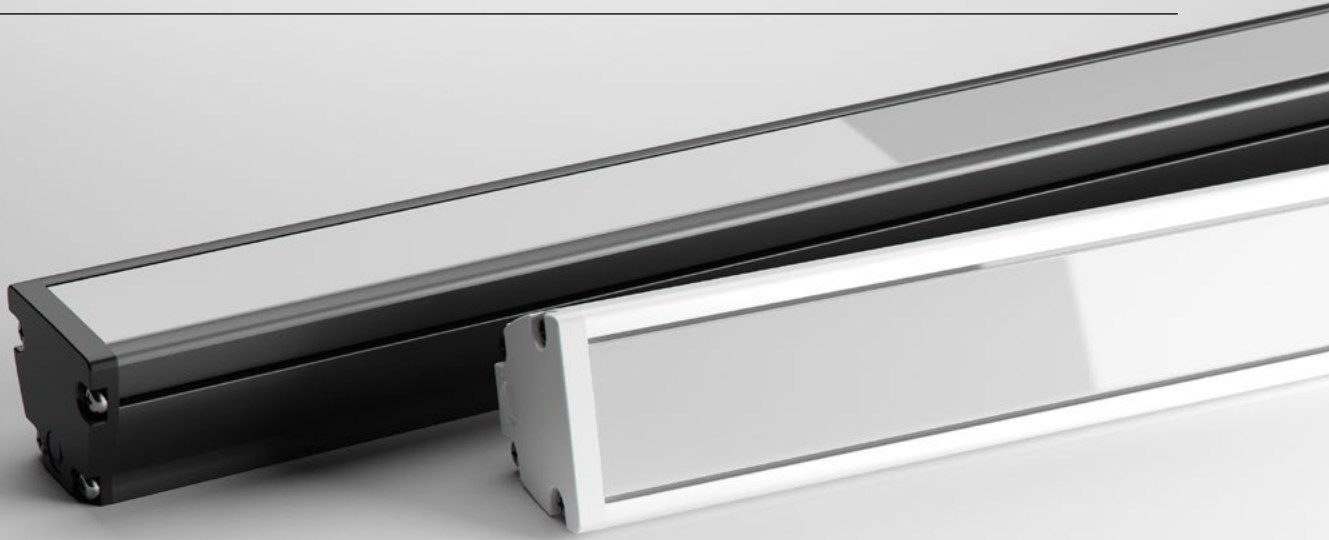




MAX MINI PIXEL IP

LINEAR MEDIUM POWER LNR-MAX MINI PIXEL IP





Max Mini Pixel IP is an exterior, compact and versatile architectural colour changing luminaire. The luminaire features dynamic 90mm control, with individually addressable pixels along the length of the product. The profile is fully encapsulated with polyurethane resin for superior outdoor longevity and appears completely uniform.

The Max Mini Pixel IP offers great design flexibility, controlled with standard 3 channel DMX controllers yet also capable of producing highly pure whites from its RGBW light source.

POWER**22W**

22W / metre

LUMINOUS FLUX**RGBW** · Varies with colour**RGBW FULL COLOUR**

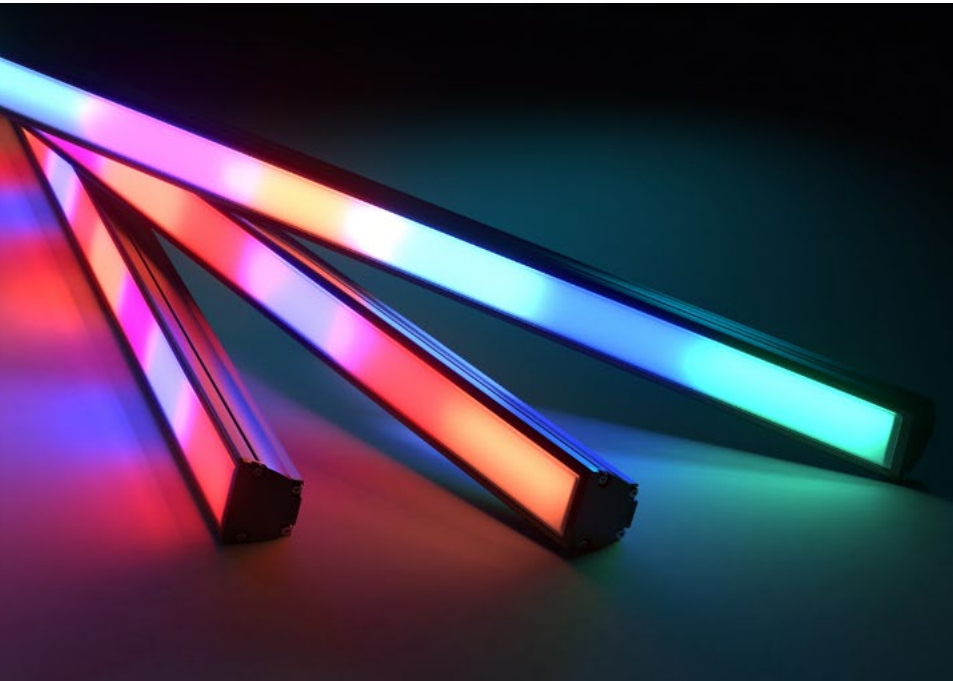
COMPACT SIZE

Reduced profile dimensions allows for ease of installation in confined spaces that could not be achieved with previous halogen counterparts. Installed in visible sight the Max Mini Pixel IP also pays respect to the interior design with minimal disruption to the aesthetics.



ELEGANT ENCAPSULATION

Max Mini Pixel IP utilises Coolon's encapsulation technology and signature build quality to deliver an outdoor luminaire that's uniquely resilient. IP66, IK08, shock and abrasion resistance and thermal protection just add to the appeal of this versatile all-star.



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

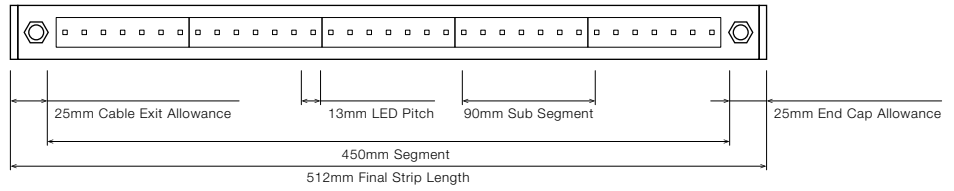
Our products are designed and manufactured in Australia. Engineered to perfection, using only the highest quality components and highly skilled labour, each luminaire is assembled and thoroughly tested to ensure that it exceeds the highest standards.

■ TECHNICAL SPECIFICATIONS

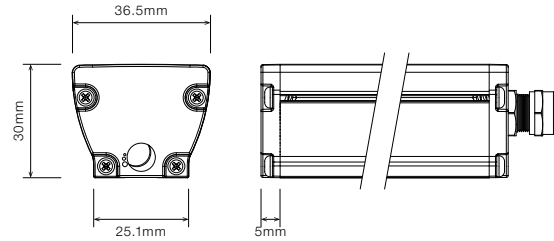
Product Code	LNR-MAX MINI PIXEL IP
Description	Max Mini Pixel IP RGBW Linear Medium Power Projector
Body	Aluminium Alloy Body
Finish	Powder Coated Black (Standard), Various Colours Available
Cover	Polycarbonate for Indoor application Polyurethane translucent for Outdoor applications
End Caps	Polycarbonate
Segment Length (S)	450mm
Sub-Segment Length (Pixel)	90mm
Number of Sub-Segments	5
LED Pitch	13mm
LEDs Per Sub Segment	7
Operating Voltage	24VDC
Max. Power Consumption	19.2W per Metre
LED	CREE CLQ6A-TKW RGBW, White Chip CRI 80+
Dimming / Control	Through CTR-RDM-PIXEL-IPQC (sold separately), 3 DMX (Full Frames) Channels per pixel
External Heatsink Required	No
Ambient Operating Temp	Ta -10°C to 40°C
Thermal Protection	Yes
Average Lumen Maintenance @Ta 25°C	70% @ 50,000 Hours
IP Rating	IP66 (Standard)
Max Continuous Connection Length	Please refer to installation limitations

■ DIMENSIONS

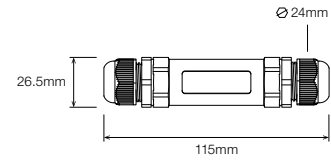
For final strip lengths please refer to the "Product Length" table.



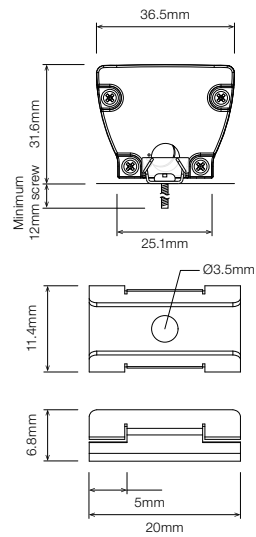
STANDARD PROFILE



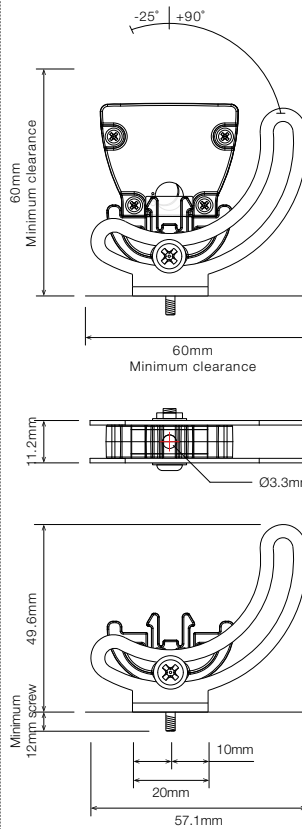
CABLE EXTENSION JOINER



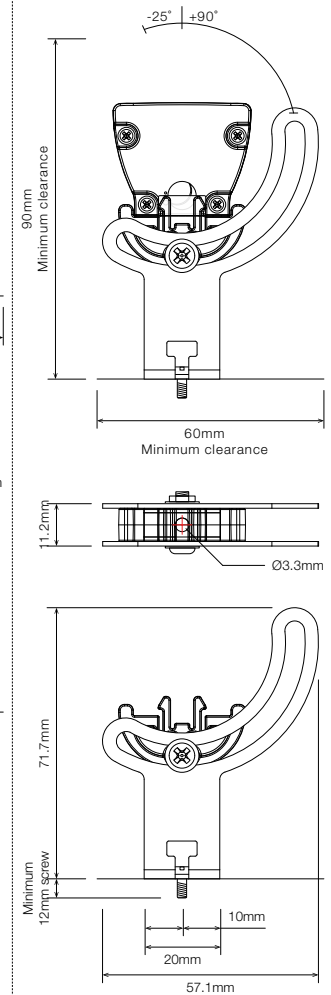
STAINLESS STEEL C-CLIP ¹



ROTATING MOUNTING BRACKET ¹



ELEVATED ROTATING MOUNTING BRACKET ^{1 2}



¹ Recommended spacing between Mounting Brackets is maximum 500mm and Mounting Clips is maximum 300mm.
² Elevated rotating bracket is the only suitable option when wire from back is required.

■ PRODUCT LENGTH

FULL SEGMENTS	SUB SEGMENTS	EXACT STRIP LENGTH	FINAL LENGTH
S0	A1	90mm	152mm
S0	A2	180mm	242mm
S0	A3	270mm	332mm
S0	A4	360mm	422mm
S1	A0	450mm	512mm
S1	A1	540mm	602mm
S1	A2	630mm	692mm
S1	A3	720mm	782mm
S1	A4	810mm	872mm
S2	A0	900mm	962mm
S2	A1	990mm	1,052mm
S2	A2	1,080mm	1,142mm
S2	A3	1,170mm	1,232mm
S2	A4	1,260mm	1,322mm
S3	A0	1,350mm	1,412mm
S3	A1	1,440mm	1,502mm
S3	A2	1,530mm	1,592mm
S3	A3	1,620mm	1,682mm
S3	A4	1,710mm	1,772mm
S4	A0	1,800mm	1,862mm
S4	A1	1,890mm	1,952mm
S4	A2	1,980mm	2,042mm
S4	A3	2,070mm	2,132mm
S4	A4	2,160mm	2,222mm
S5	A0	2,250mm	2,312mm
S5	A1	2,340mm	2,402mm
S5	A2	2,430mm	2,492mm
S5	A3	2,520mm	2,582mm
S5	A4	2,610mm	2,672mm
S6	A0	2,700mm	2,762mm
S6	A1	2,790mm	2,852mm
S6	A2	2,880mm	2,942mm

▪ DIFFUSER

PT · Polyurethane Translucent - Uniform Glow

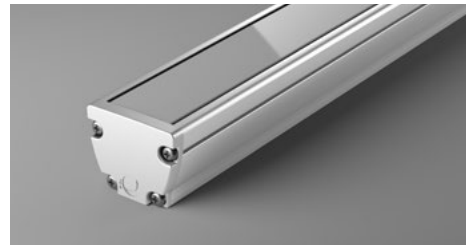


▪ PROFILE COLOUR

BLK · Black



WHT · White








CST · Custom Colour ¹



¹ Custom colours available on request

WIRING CONFIGURATION

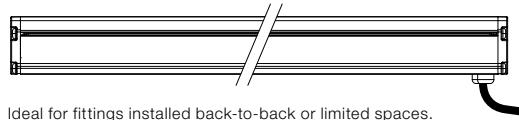
CONNECTOR TYPE	DRAWING	MALE	FEMALE
OC4MO Outdoor Connector 4 pin Male Only			
OC4MF Outdoor Connector 4 pin Male + Female			

- Wiring length 300mm with cable's outer diameter 5.8mm
- Supplied with mating connector and 300mm cable
- Please consult Coolon for details on extension cables between LED fittings, drivers and PSUs.

WIRING COLOUR CODE	
Red	+ VDC
Black	- VDC
Blue	+ DATA
White	- DATA

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.

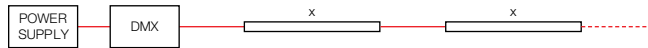
IP RATING

IP66

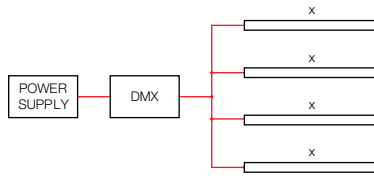
Fully protected against dust.
Protected against wave-like water jets from all directions.

■ INSTALLATION LIMITS

SCENARIO 1



SCENARIO 2



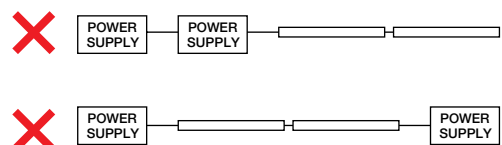
MAX. CONTINUOUS CONNECTION LENGTH (X) CONNECTOR TYPE

5,000 mm With standard outdoor 6 pin connectors (OC6MO)

- Please consult Coolon for details on extension cable between LED fittings, drivers and power supplies.
- Maximum distance between DMX controller and fitting is 600mm.
- Maximum distance between daisy-chained luminaries is 600mm.

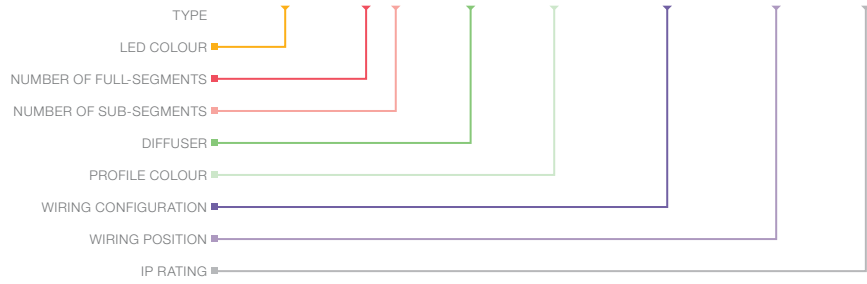
⚠ WARNING

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



ORDERING EXAMPLE

LNR - MAX MINI PIXEL IP - WW - S2A0 - PT - BLK - OC4MO - WB - IP65



LED COLOUR

WW	RGB + Warm White
CW	RGB + Cool White

PRODUCT LENGTH

FULL SEGMENTS	SUB SEGMENTS
S1	A0
S2	A1
S3	A2
S4	A3
S5	A4
S6	

DIFFUSER

PT	Polyurethane Translucent - Uniform Glow
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PROFILE COLOUR

BLK	Black (Standard)
WHT	White
CST	Custom Colour ¹

WIRING CONFIGURATION

OC4MO	Outdoor Connector 4 pin Male Only
OC4MF	Outdoor Connector 4 pin Male + Female

WIRING POSITION


WB	Wire from Back
WS	Wire from Side

IP RATING

IP66	Outdoor Use
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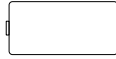
¹ Custom colours available on request

■ ACCESSORIES

	PRODUCT CODE	DESCRIPTION
MOUNTING ¹		
	MC-CCLIP	Stainless Steel C-Clip
	MBR-PMAX-BLK	Rotating Mounting Bracket for Max Mini - Black
	MBR-PMAX-WHT	Rotating Mounting Bracket for Max Mini - White
	MBR-PMAX-E-BLK	Elevated Rotating Mounting Bracket for Max Mini - Black
	MBR-PMAX-E-WHT	Elevated Rotating Mounting Bracket for Max Mini - White

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

DRIVER



CTR-RDM PIXEL-IPQC

Outdoor DMX self addressing LED controller + Quick Connect

POWER SUPPLY



PWR-HLG-60H-24AU

Mean Well Power Supply HLG 60W 24V IP67

PWR-HLG-150H-24AU

Mean Well Power Supply HLG 150W 24V IP67

PWR-HLG-240H-24AU

Mean Well Power Supply HLG 240W 24V IP67