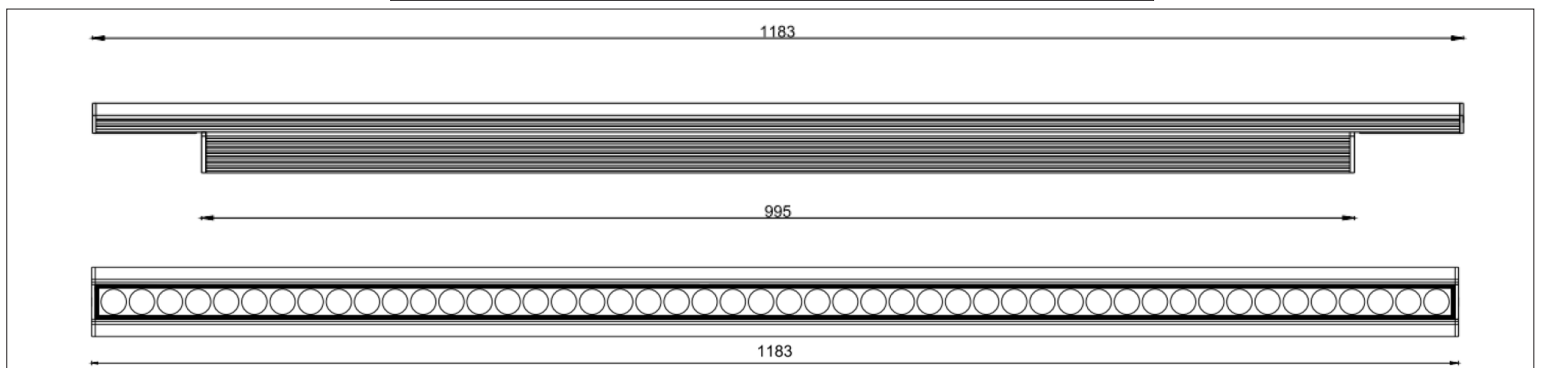
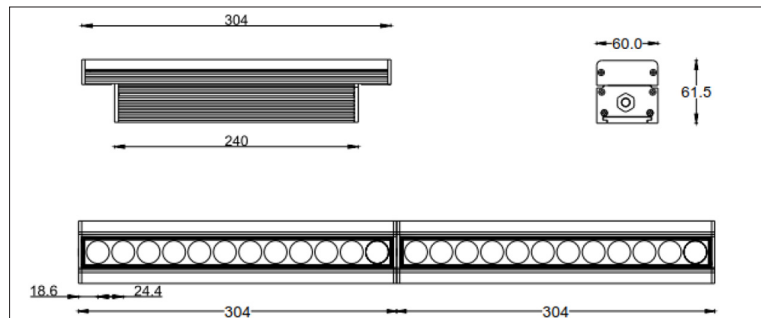
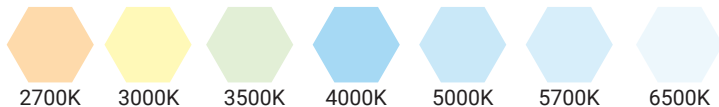




AQUA - DYNAMIC WHITE



Color Temperature



Color Quality

• CRI 80 • SDCM 3

Controls

DMX RDM

Main Application



Other Exteriors



Residential Spaces



Commercial Environments



Offices



Architectural & Specialty Design



Hospitality



Healthcare Facilities



FEATURES

The Aqua Dynamic White (2700K – 6500K) is an IP66 rated high-performance AC line voltage, high brightness luminaire. Available in 304mm, 598mm, 898mm and 1184mm, the Aqua Dynamic White is controllable via DMX512 using a daisy chain topology. The multiple optic designs, four lengths, and anti-glare louver making the luminaire able to switch between warm and cold hues of White unfolds an area's full potential and effect.

SUMMARY

FEATURES

Color Temperature	2700K, 3000K, 3500k, 4000K, 5000K, 5700K, 6500K
Length of the Module	304mm, 598mm, 898mm, 1183mm
Optics	15°, 30°, 15°x40°, 15°x50°
Dimming	DMX, RDM
IP Rate	IP66

MECHANICAL

Housing Material	6063 high density extruded aluminium alloy
Lens Material	Optical grade PMMA
Cover	Silk screen tempered glass
Surface Finishing	Powder coating available in Black (RAL 9011), White (RAL 9001), Grey (RAL 9006)

LUMINAIRE PERFORMANCE

Color Consistency	3 SDCM
Color Rendering	CRI80
Lumen Maintenance	L70 50,000hrs @ 25°C
Delivered Output	>100lm per watt at 3000K, CRT80 @ narrow beam

ELECTRICAL

Voltage	100-277VAC 50/60Hz
Power Consumption	12W(304mm), 24W (598mm), 36W(898mm),48W (1183mm)
Power Factor	>0.9

SYSTEM

The core in the power and data cable are colored according to the following table

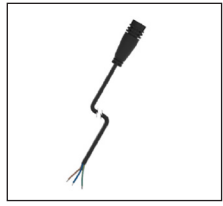
Cable	Function	Core(US)	Wire Size	Core(EU)	Wire Size
Power lead in/Power extension Cable	L (live)	Black	16AWG	Brown	1.3mm ²
	N (Neutral)	White	16AWG	Blue	1.3mm ²
	GND (Earth)	Green	16AWG	Yellow/Green	1.3mm ²
Data lead in	DA+ / DIM+	Purple	20AWG	Purple	0.5mm ²
	DA - / DIM-	Pink	20AWG	Pink	0.5mm ²
	N/A	Yellow	20AWG	Yellow	0.5mm ²
Power and Data lead in/ Power data extension cable	L (live)	Black	16AWG	Brown	1.3mm ²
	N (Neutral)	White	16AWG	Blue	1.3mm ²
	GND (Earth)	Green	16AWG	Yellow/Green	1.3mm ²
	DA+ / DIM+	Purple	22AWG	Purple	0.3mm ²
	DA - / DIM-	Pink	22AWG	Pink	0.3mm ²
	N/A	Yellow	22AWG	Yellow	0.3mm ²

The maximum number of connected fixtures in a daisy chain

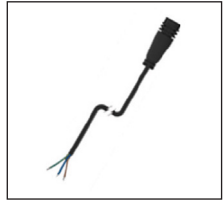
Power/ft	Region	Main Voltage	Max. power	Max. no. of 4 ft fixtures can be clusted
12W	US	120V	1020W	21 nos.
12W	EU	220-240V	1870W	32 nos.

ACCESSORIES

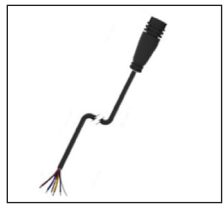
LEAD-IN AND JUMPER CABLES



Length (mm)	Application	Cable End		Conductor Size	Region
300	Power Lead use with T-joint	Female	Bare Wire	3x1.3mm ²	Europe
2000					
6000					
15000					
300				3x16AWG	USA
2000					
6000					
15000					



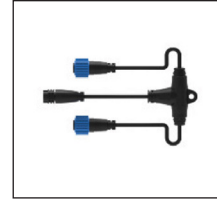
Length (mm)	Application	Cable End		Conductor Size	Region
300	Data Lead use with T-joint	Female	Bare Wire	3x0.5mm ²	Europe
2000					
6000					
15000					
300				3x20AWG	USA
2000					
6000					
15000					



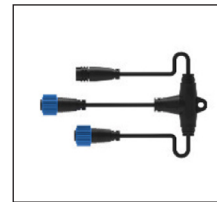
Length (mm)	Application	Cable End		Conductor Size	Region
300	Power and Data Combined Lead	Female	Bare Wire	3x1.3mm + 3x0.3mm	Europe
2000					
6000					
15000					
300				3x16AWG + 3x22AWG	USA
2000					
6000					
15000					



Length (mm)	Application	Cable End		Conductor Size	Region
300	Power and Data Combined extension	Female	Male	3x1.3mm + 3x0.3mm	Europe
600					
1800					
300					
600				3x16AWG + 3x22AWG	USA
1800					

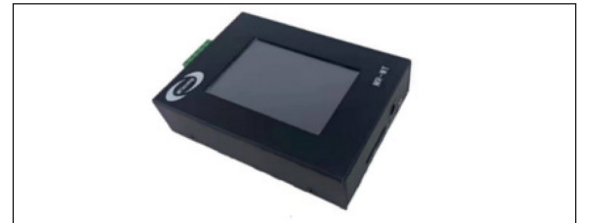


Application	Description
Leading T-Joint	Combines the AC power (3 pin male end), signal (3 pin male end) into a 6 pin female leading end



Application	Description
Power Injector	T connector 6-pin male to 6-pin female with AC power (3pin male power injector)

DMX/ RDM ADDRESS WRITER



Handheld address that allocate the DMX channel address on a single branch. It supports SD memory cards, scene file in which offline data can be stored.



DMXcat™ system is designed by the lighting professional who is involved with the planning, installation, operation, or maintenance of theatrical and studio lighting equipment. The system consists of a small hardware interface device and a suite of mobile applications.

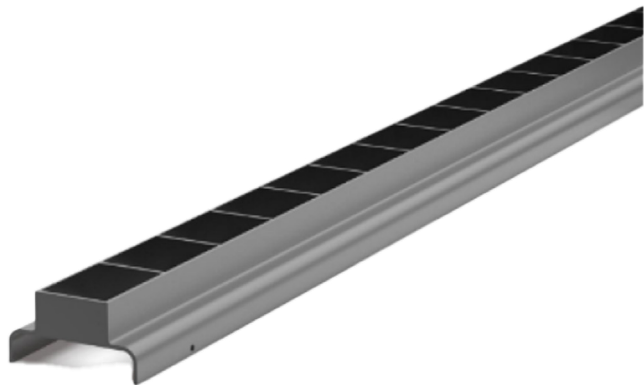
DMX TERMINATOR



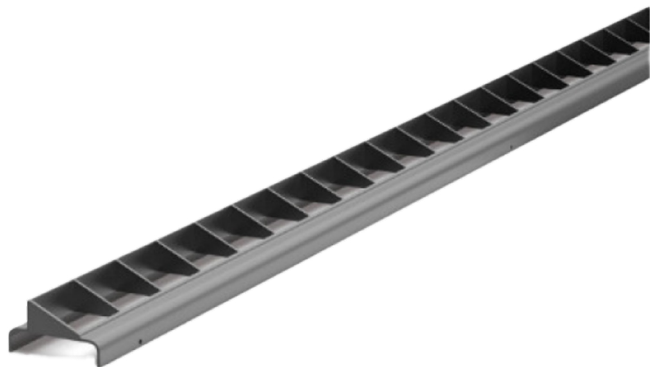
DMX-Term-AC-6pin-M	Description
	IP rated DMX terminator with build-in 120 ohm resistor

ANTI-GLARE ACCESSORIES

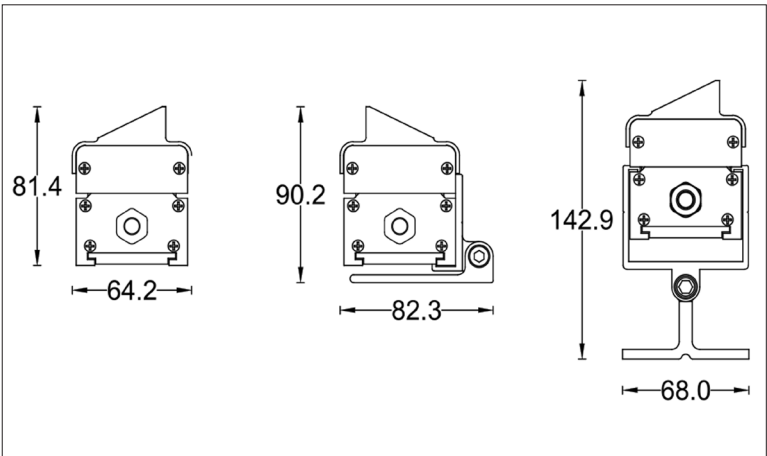
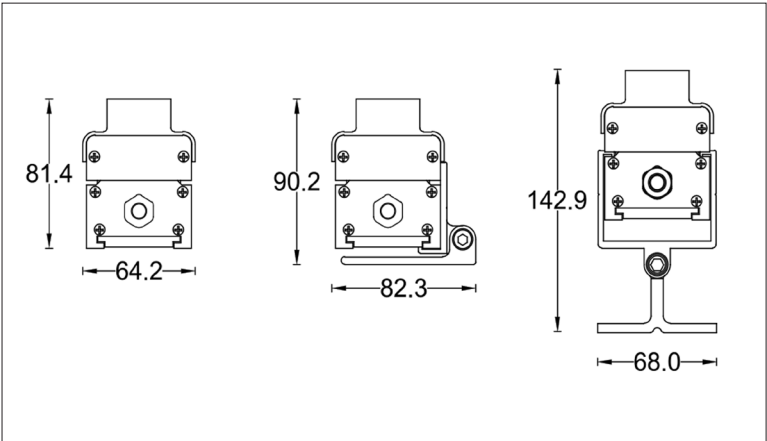
Symmetric anti-glare shield



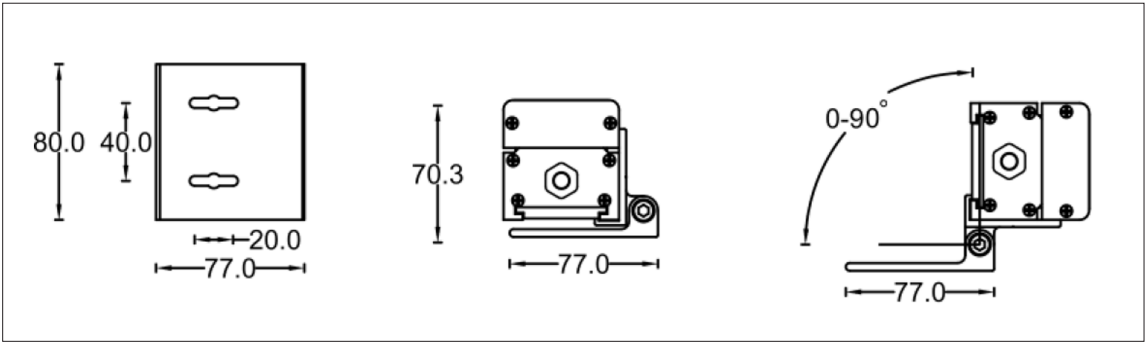
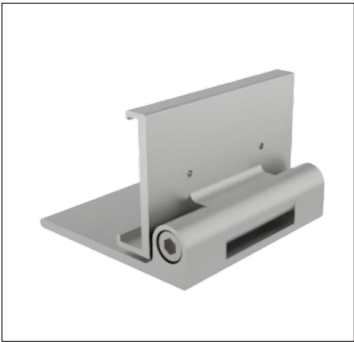
Asymmetric anti-glare shield



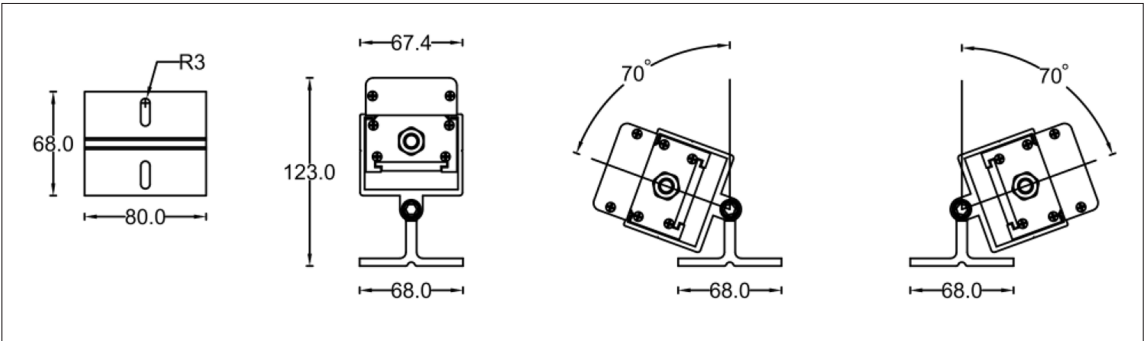
Height with/ without mounting bracket



MOUNTING ACCESSORIES

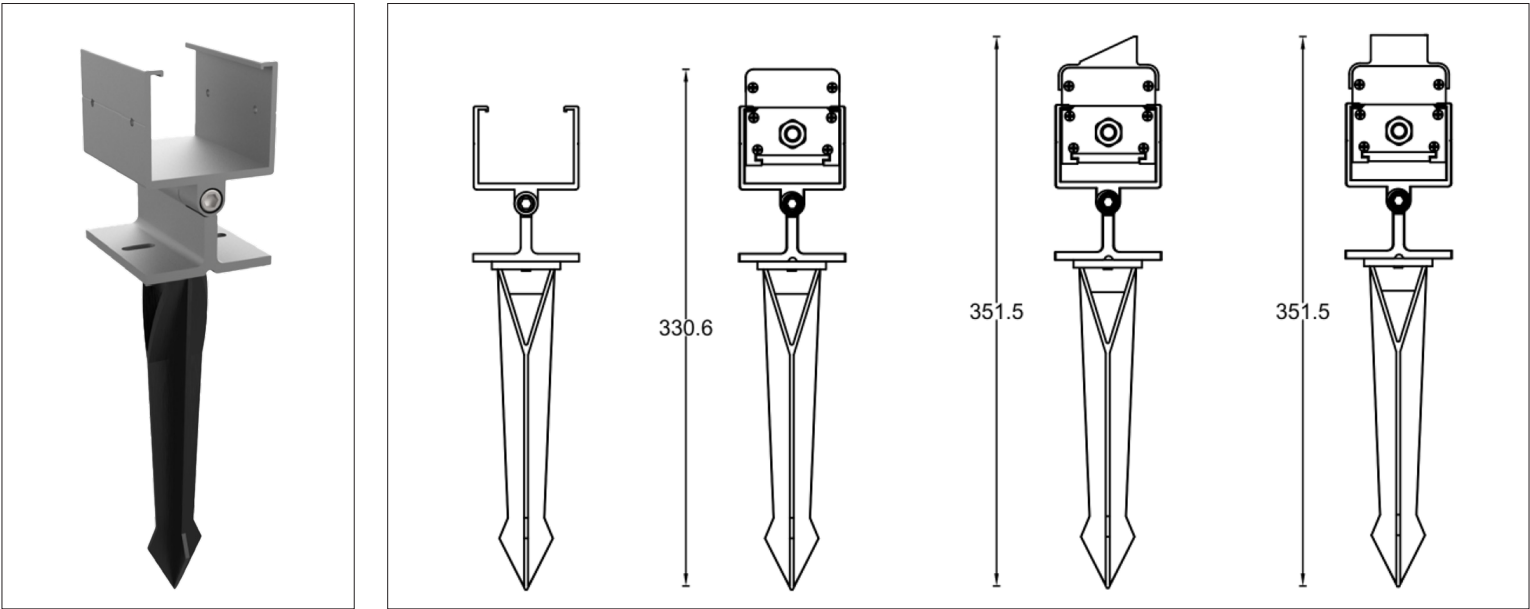


Flip-flop mounting brackets that can rotate up to 90 degree

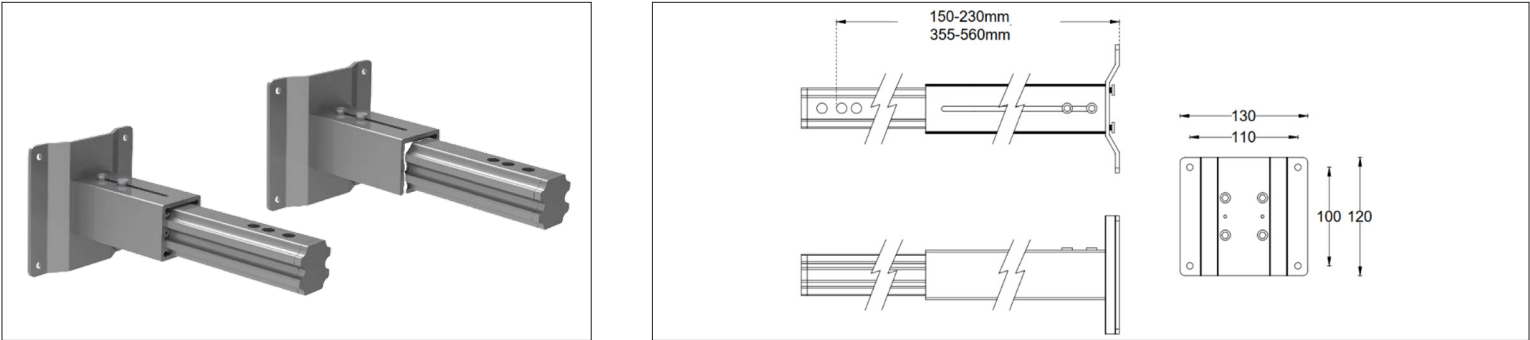


Adjustable mounting brackets that can rotate up to 180 degree

MOUNTING ACCESSORIES



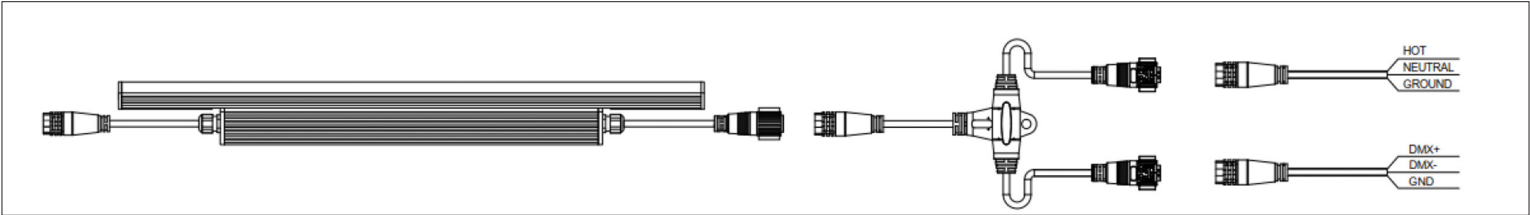
Adjustable mounting option for landscape lighting application



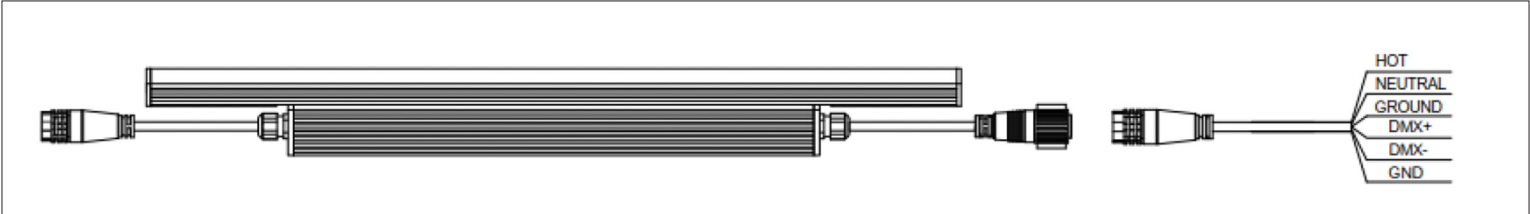
Wall mount option for application that requires wall mounting with length 150mm – 230mm
Wall mount option for application that requires wall mounting with length 355mm – 560mm

TYPICAL WIRING SCHEMATIC

Leading wiring option one
Description: Leading T joint with power and data leading cables

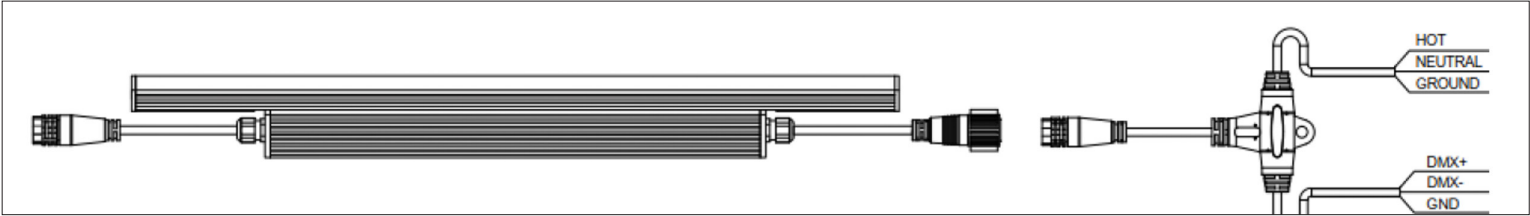


Leading wiring option two
Description: Leading cables with power and data combined

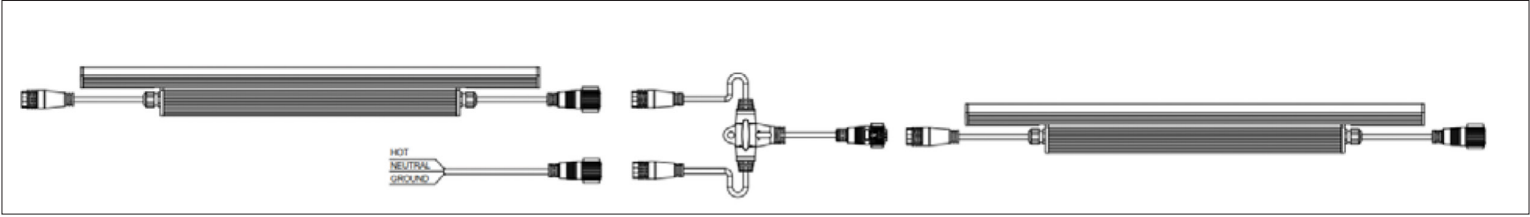


TYPICAL WIRING SCHEMATIC

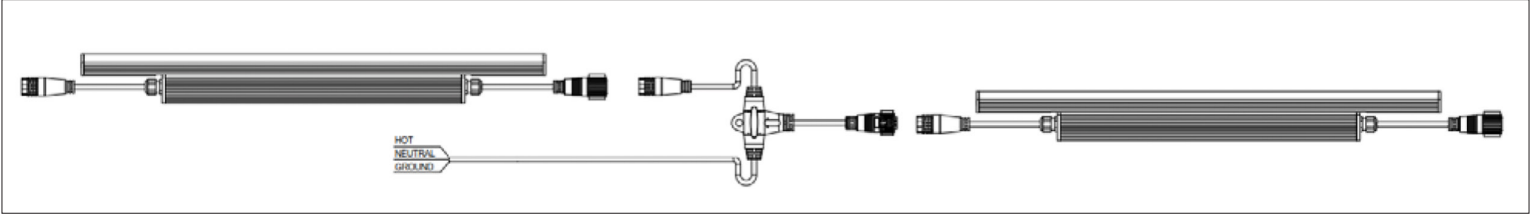
Leading wiring option three
Description: Leading T joint with customized length on bare wires



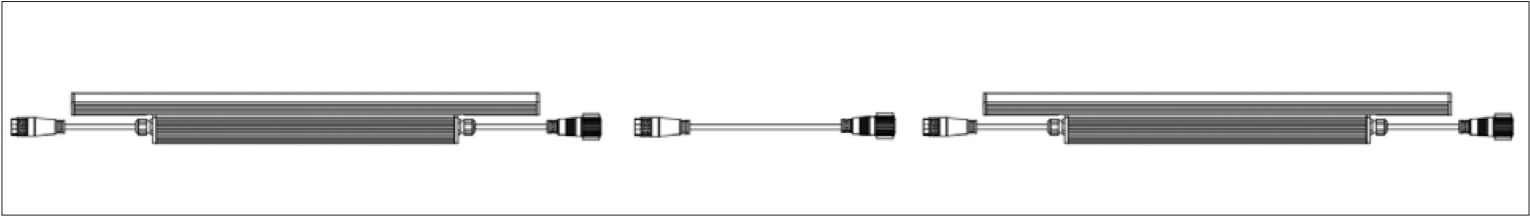
Power Injection option one
Description: Power injection with power leading cable



Power Injection option two
Description: Leading T joint with customized length on power bare wire



Extension Cable



DMX Terminator (IP66)

