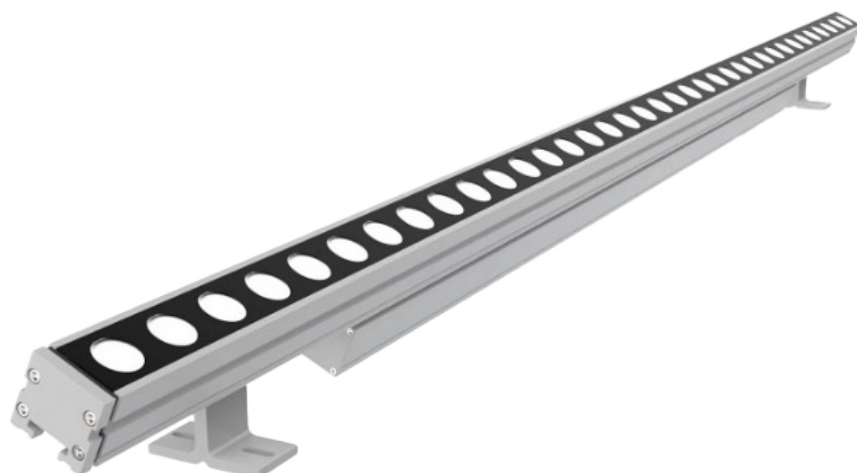
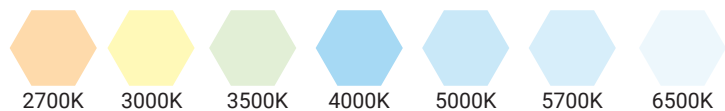


AQUA MINI



Color Temperature



Color Quality

• CRI 80 • SDCM 3

Controls

ON/OFF 0-10V DALI

Main Application



Other Exteriors



Residential Spaces



Commercial Environments



Offices



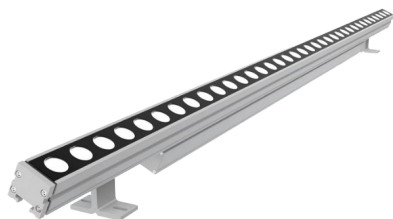
Architectural & Specialty Design



Hospitality



Healthcare Facilities



FEATURES

Aqua Mini is an IP66 rated high performance AC line voltage luminaire for illuminating exterior facades. The multiple optic designs, four lengths, different dimming and mounting options, making Aqua Mini extremely versatile in supporting to a very architecture applications.

SUMMARY

FEATURES

Color Temperature	2700K, 3000K, 3500k, 4000K, 5000K, 5700K, 6500K
Length of the Module	300mm, 600mm, 900mm, 1200mm
Optics	20°, 30°, 45°, 20°x50°
Dimming	ON/OFF, 0-10V, DALI
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
Delivered Output	800lm per ft @3000K CCT, CRI80, 15° narrow beam

ELECTRICAL

Voltage	100-277VAC 50/60Hz
Power Consumption	9W (300mm), 18W (600mm), 27W (900mm), 36W (1200mm)
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

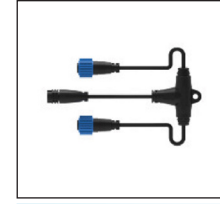
The maximum number of connected fixtures in a daisy chain

Power/ft	Region	Main Voltage	Max. power	Max. no. of 4 ft fixtures can be clusted
9W	US	120V	1020W	28 nos.
9W	EU	220-240V	1870W	51 nos.

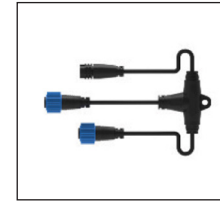
ACCESSORIES

LEAD-IN AND JUMPER CABLES

	Length (mm)	Application	Cable End		Conductor Size	Region
	300	Power Lead (ON/OFF, TRIAC)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	Power Extension (ON/OFF, TRIAC)	Female	Male	3x1.3mm ²	Europe
	2000					
	6000					
	15000					
	300				3x16AWG	USA
	2000					
	6000					
	15000					
	Length (mm)	Application	Cable End		Conductor Size	Region
	300	Data Lead (0-10V, DALI) 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 (0-10V, DALI)	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 (0-10V, DALI)	Female	Male	3x1.3mm + 3x0.3mm	Europe
	600					
	1800					
	300					
	600					
	1800					
	300					
	600					



Application	Description
Leading T-Joint (0-10V, DALI)	Combines the AC power (3 pin male end), signal (3 pin male end) into a 6 pin female leading end



Application	Description
Power Injector (0-10V, DALI)	T connector 6-pin male to 6-pin female with AC power (3pin male power injector)

IP RATED END CAP



ENDCAP-AC-3pin	Description
	End cap for power loop out

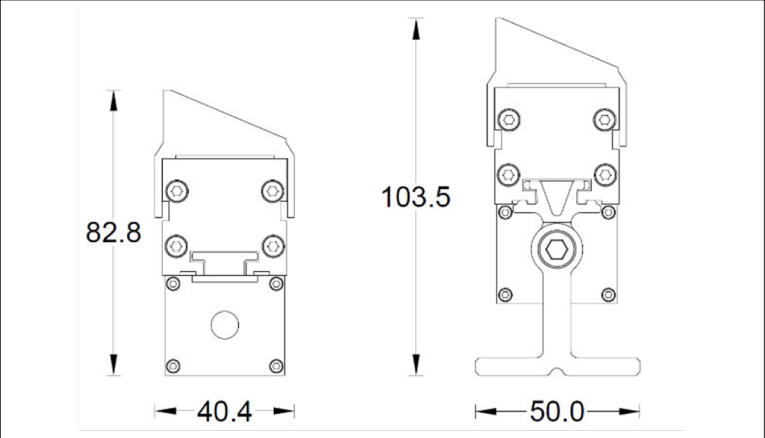
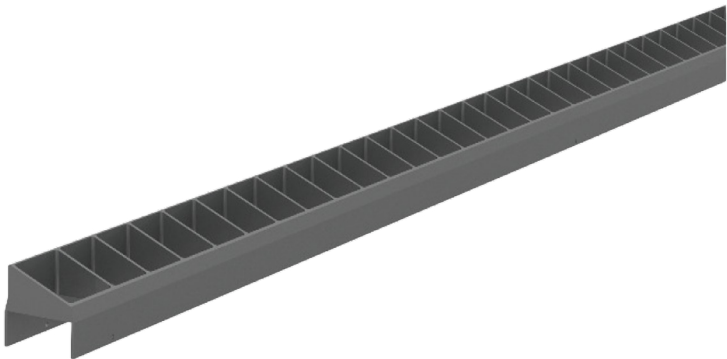


ENDCAP-AC-6pin	Description
	End cap for power loop out (0-10V, DALI)

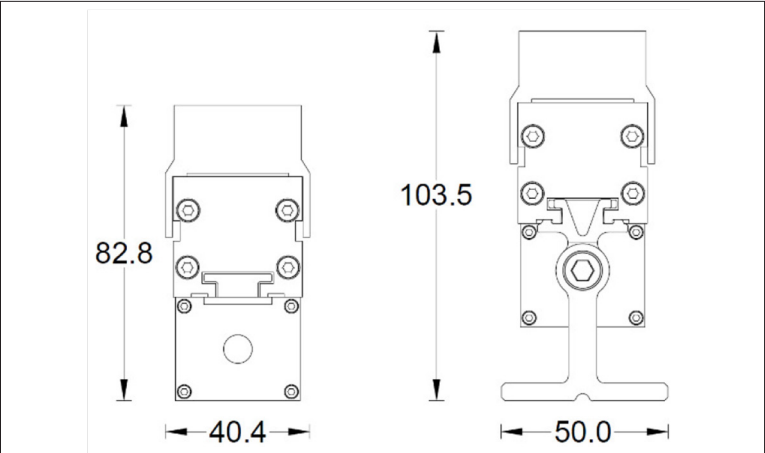
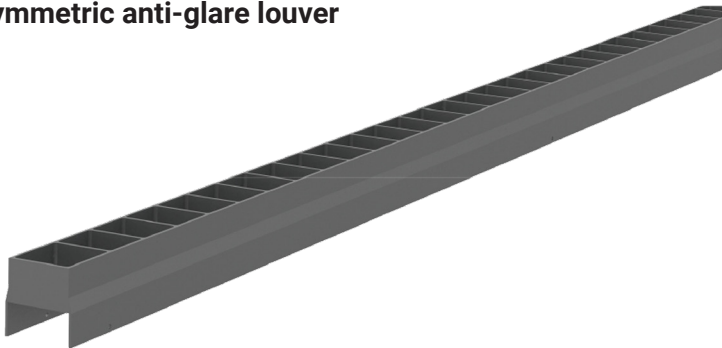
ANTI-GLARE ACCESSORIES

Asymmetric anti-glare louver

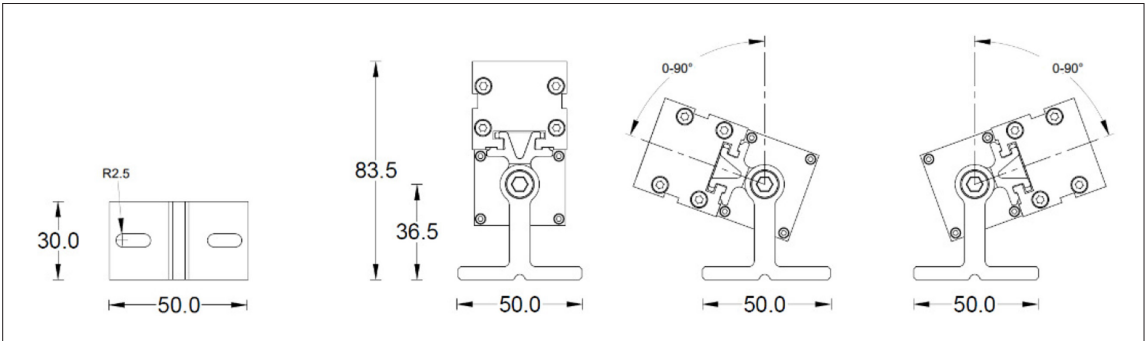
Height with/ without mounting bracket



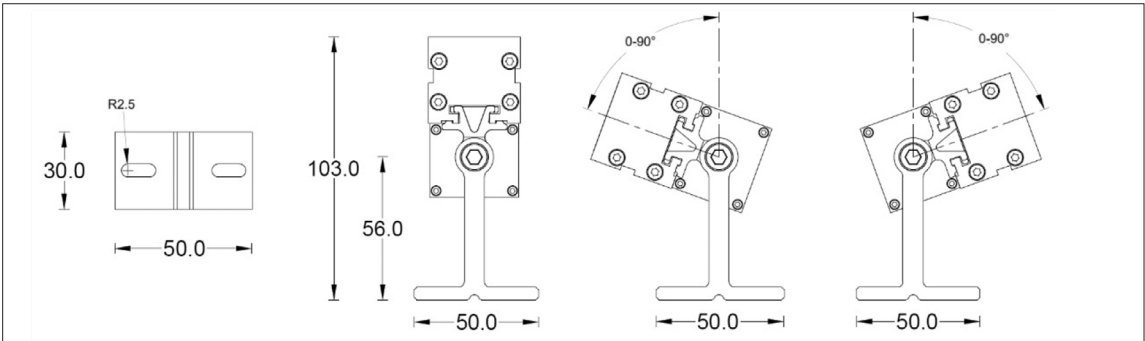
Symmetric anti-glare louver



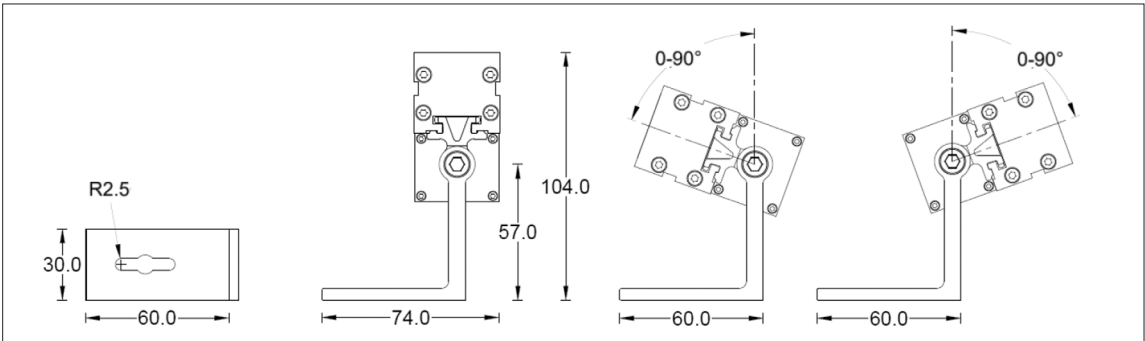
MOUNTING ACCESSORIES



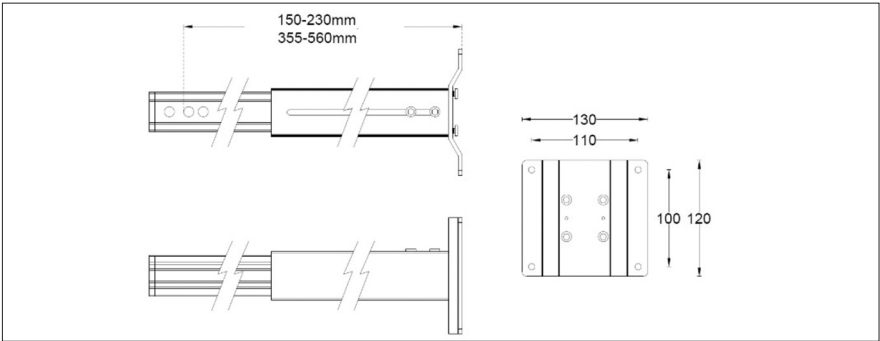
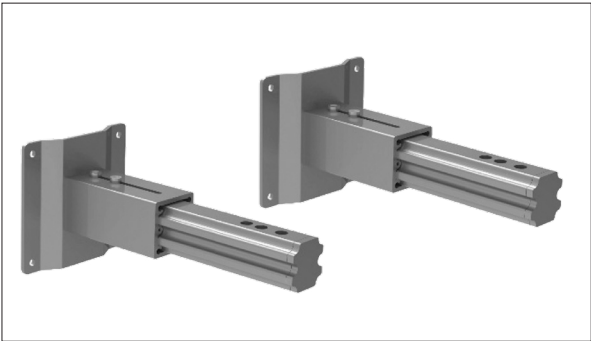
Adjustable mounting option for applications that requires angle adjustments. It can rotate up to 180 degree



Adjustable mounting option for applications that requires angle adjustments. It can rotate up to 180 degree



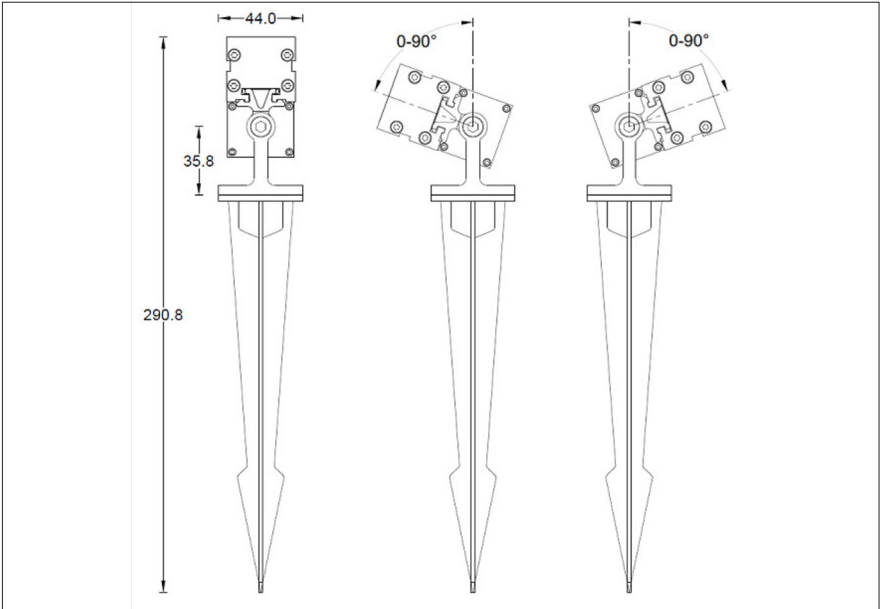
L-shape adjustable mounting option for applications that require angle adjustments. It can rotate up to 180 degree



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

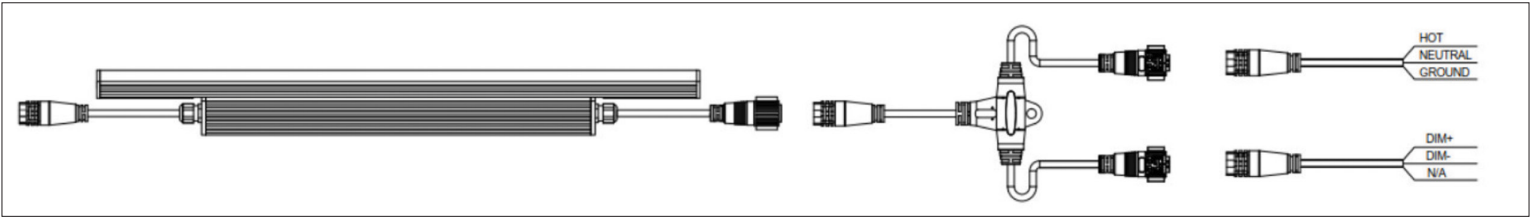
MOUNTING ACCESSORIES



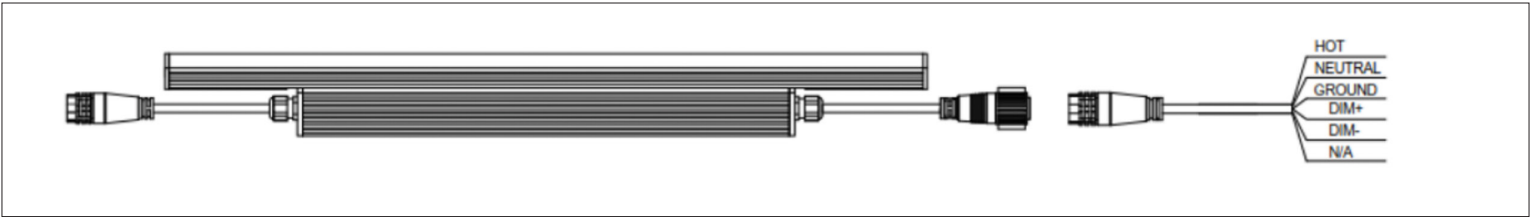
Adjustable mounting option for landscape lighting application

TYPICAL WIRING SCHEMATIC

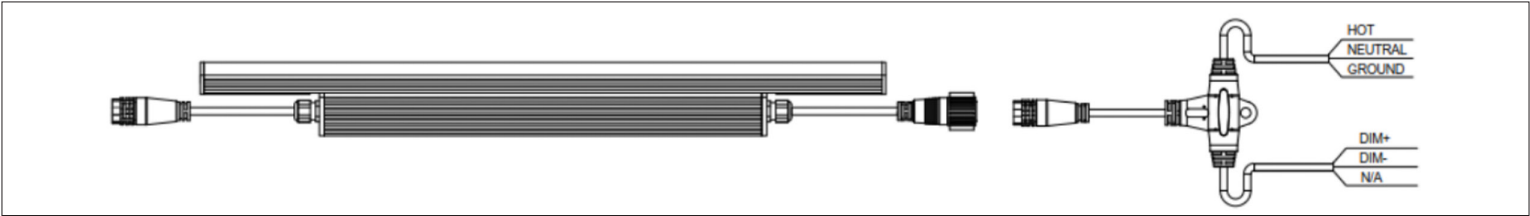
Leading wiring option one: (0-10V / DALI)
Description: Leading T joint (AC-LEADIN-T336) with power and data leading cables



Leading wiring option two: (0-10V / DALI)
Description: Leading cables with power and data combined

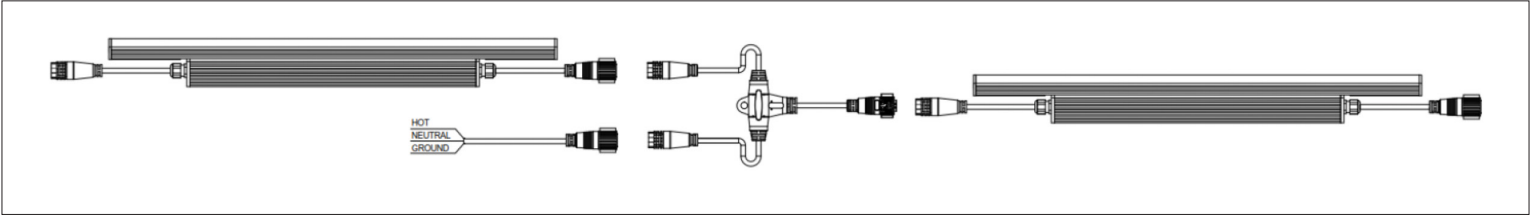


Leading wiring option three: (0-10V / DALI)
Description: Leading T joint with customized length on bare wires
*Consult factory for customized cable length of bare wires

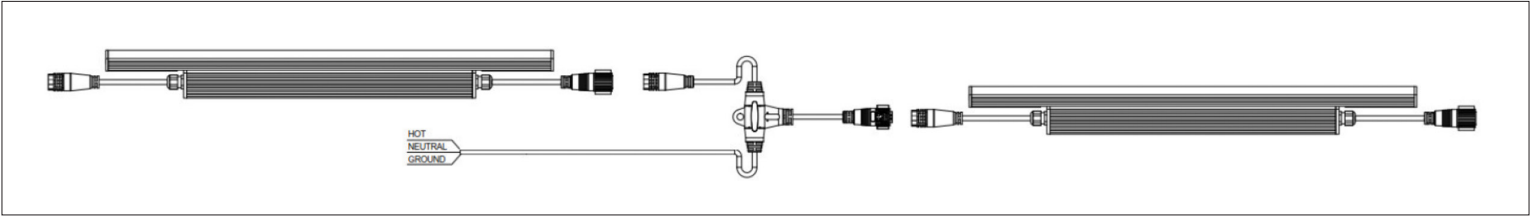


TYPICAL WIRING SCHEMATIC

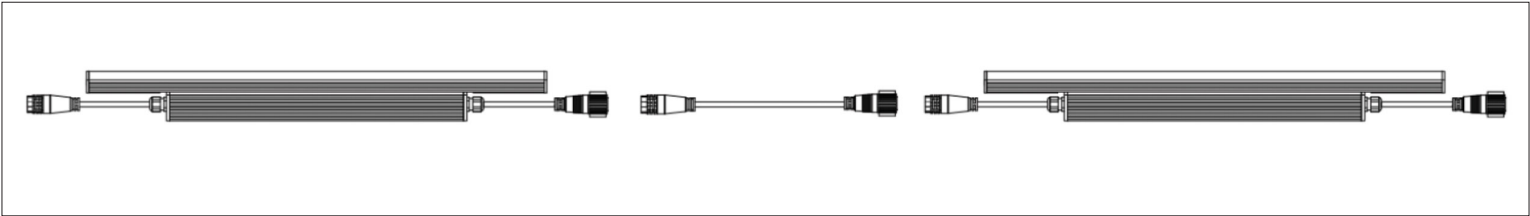
Power Injection option one: (0-10V / DALI)
Description: Power injection with power leading cable



Power Injection option two: (0-10V / DALI)
Description: Leading T joint with customized length on power bare wire



Extension Cable



End Cap (IP66)

