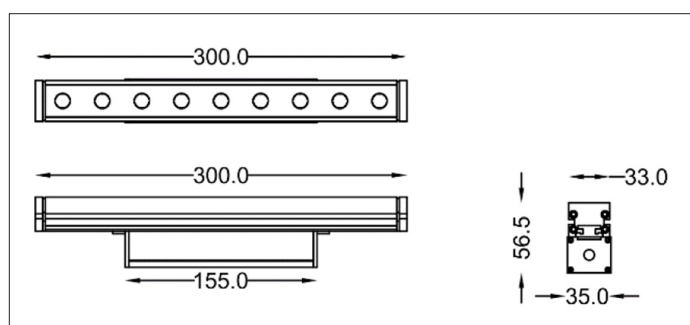
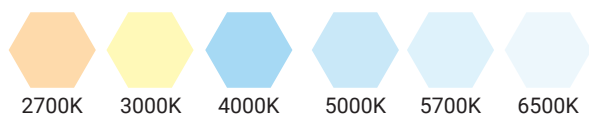


AQUA THIN



Color Temperature



Color Quality

• CRI 80 • CRI90 • SDCM 3

Controls

ON-OFF 0-10V DALI

Main Application



Other Exteriors



Residential Spaces



Commercial Environments



Offices



Architectural & Specialty Design



Hospitality



Healthcare Facilities



FEATURES

The Aqua Thin is an IP66 rated high-performance AC line voltage luminaire for illuminating exterior facades. The slim profile is ideal for niche space where installation area is limited.

SUMMARY

FEATURES

Color Temperature	2700K, 3000K, 3500k, 4000K, 5000K, 5700K, 6500K
Length of the Module	300mm, 600mm, 1200mm
Optics	20°, 30°, 45°, 25°x40°, 30°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, CRI90
Lumen Maintenance	L70 50,000hrs @ 25°C
Delivered Output	90 lumen per watt @3000K CCT, CRI80, narrow beam

ELECTRICAL

Voltage	100-277VAC 50/60Hz
Power Consumption	9W (300mm), 18W (600mm), 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)	Core(EU)	Wire Size
Power lead in/Power extension Cable	L (live)	Black	Brown	16AWG
	N (Neutral)	White	Blue	16AWG
	GND (Earth)	Green	Yellow/Green	16AWG
Data lead in	DA+ / DIM+	Purple	Purple	20AWG
	DA- / DIM-	Pink	Pink	20AWG
	N/A	Yellow	Yellow	20AWG
Power and Data lead in/ Power data extension cable	L (live)	Black	Brown	16AWG
	N (Neutral)	White	Blue	16AWG
	GND (Earth)	Green	Yellow/Green	16AWG
	DA+ / DIM+	Purple	Purple	22AWG
	DA- / DIM-	Pink	Pink	22AWG
	N/A	Yellow	Yellow	22AWG

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

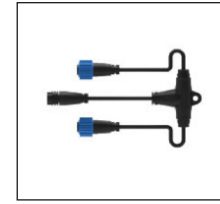
	Length (mm)	Application	Cable End		Conductor Size	Region
	300	Power Lead (ON/OFF, TRIAC) or use with T-joint	Female	Bare Wire	3x16AWG (1.5 m²)	Europe
	2000					
	6000					
	15000					USA
	300					
	2000					
	6000					
	15000					

	Length (mm)	Application	Cable End		Conductor Size	Region
	300	Power Extension (ON/OFF, TRIAC)	Female	Male	3x16AWG (1.5 m²)	Europe
	600					
	1800					
	300					USA
	600					
	1800					

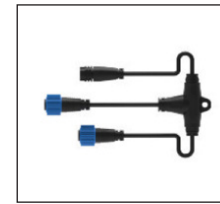
	Length (mm)	Application	Cable End		Conductor Size	Region
	300	Data Lead (0-10V, DALI) use with T-joint	Female	Bare Wire	3x20AWG (0.5mm²)	Europe
	1800					
	6000					
	15000					USA
	300					
	1800					
	6000					
	15000					

	Length (mm)	Application	Cable End		Conductor Size	Region
	300	Power and Data Combined Lead (0-10V, DALI)	Female	Bare Wire	3 x 16AWG (1.5mm²) + 3 x 22AWG (0.3mm²)	Europe
	2000					
	6000					
	15000					USA
	300					
	2000					
	6000					
	15000					

	Length (mm)	Application	Cable End		Conductor Size	Region
	300	Power and Data Combined extension (0-10V, DALI)	Female	Male	3 x 16AWG (1.5mm²) + 3 x 22AWG (0.3mm²)	Europe
	600					
	1800					
	300					USA
	600					
	1800					



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



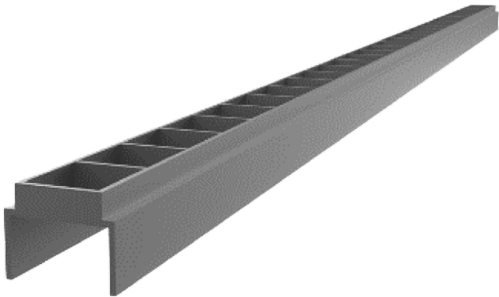
ENDCAP-AC-3pin	Description
	End Cap for ON/OFF and Triac version



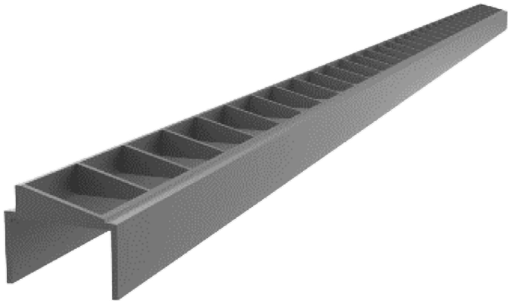
ENDCAP-AC-6pin	Description
	End Cap for 0-10V and Dali version

ANTI-GLARE ACCESSORIES

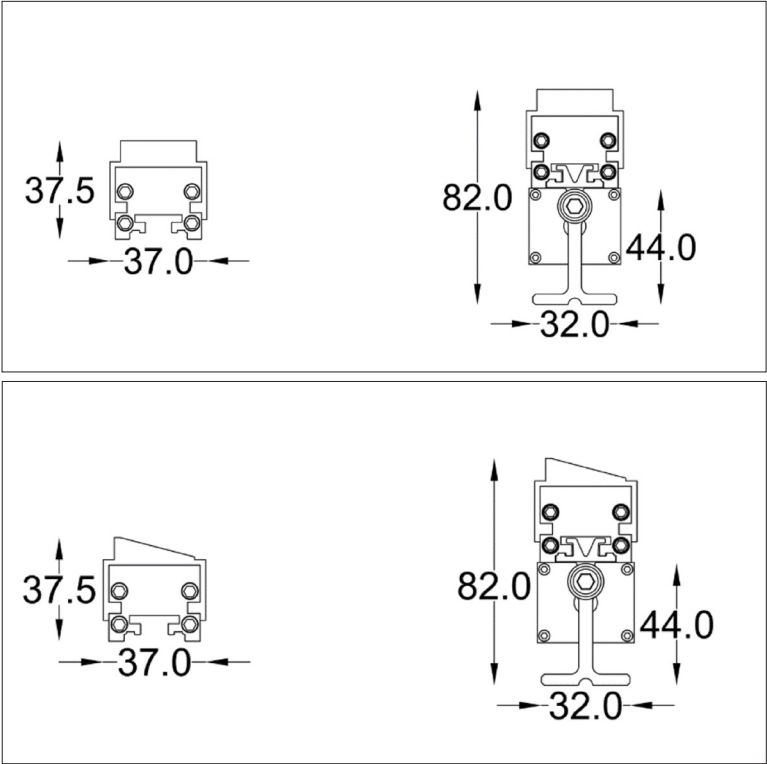
Symmetric ant-glare louver



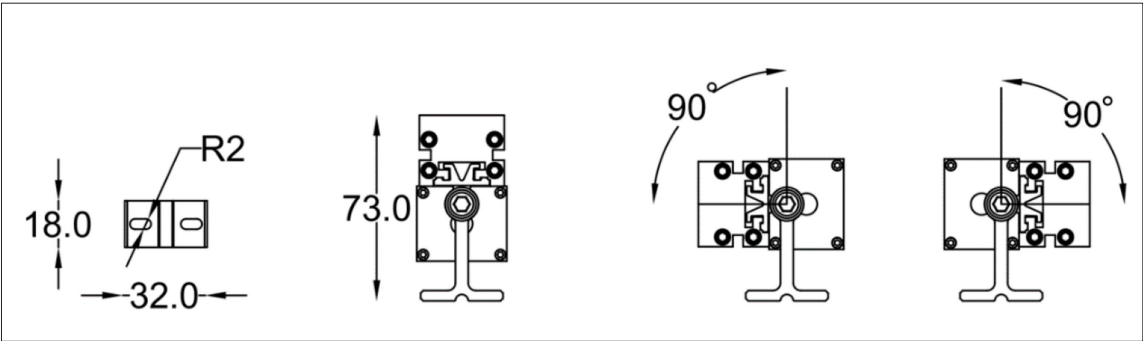
Asymmetric ant-glare louver



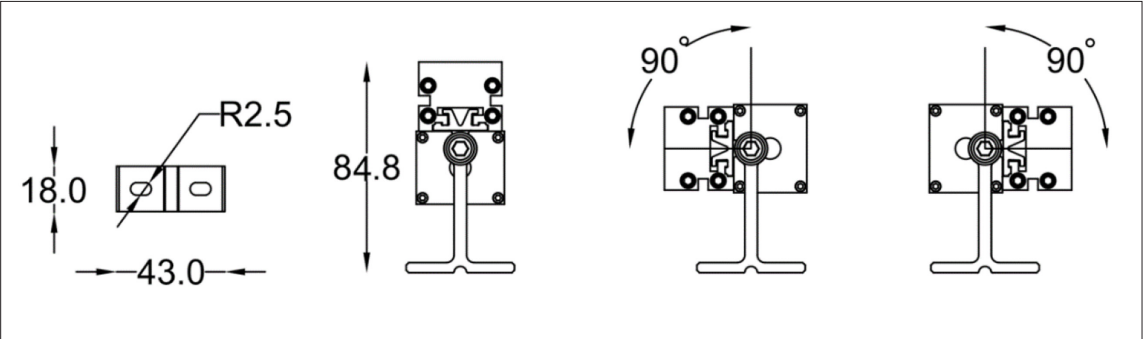
Height with/ without mounting bracket



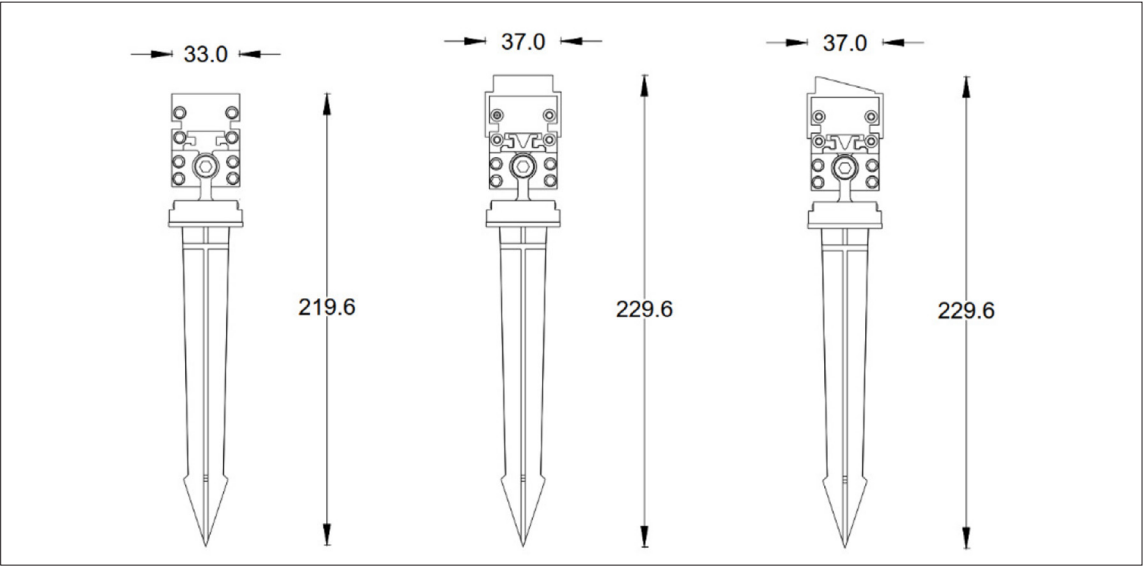
MOUNTING ACCESSORIES



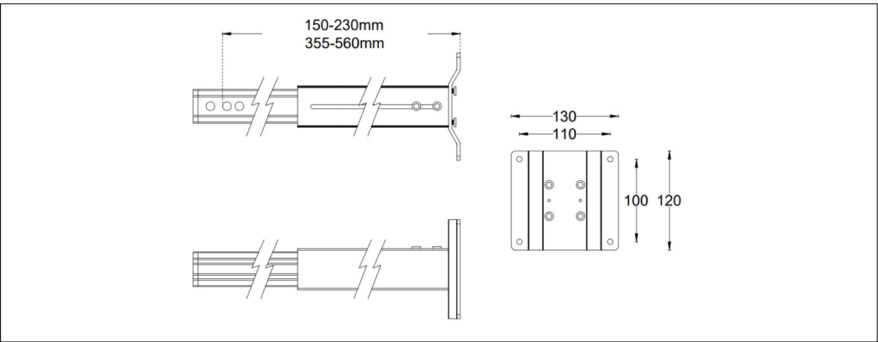
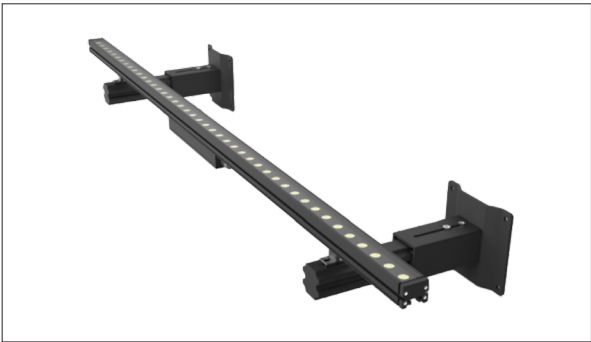
Used for applications that require angle adjustments. Adjustable mounting bracket. It can rotate up to 180 degree.



Used for applications that require angle adjustments. Adjustable mounting bracket. It can rotate up to 180 degree.



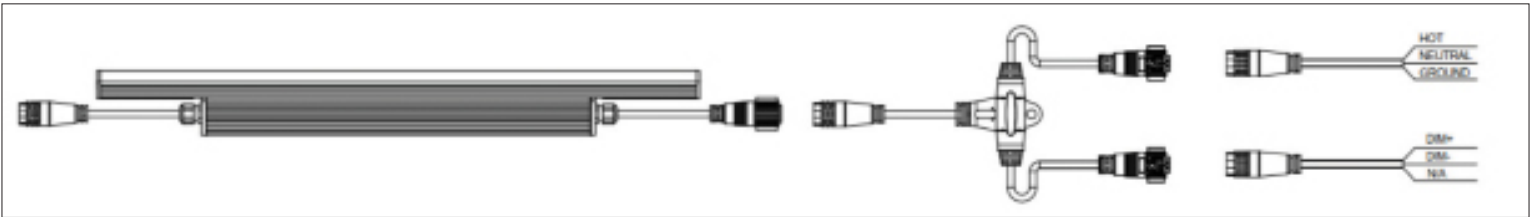
Adjustable mounting option for landscape lighting application



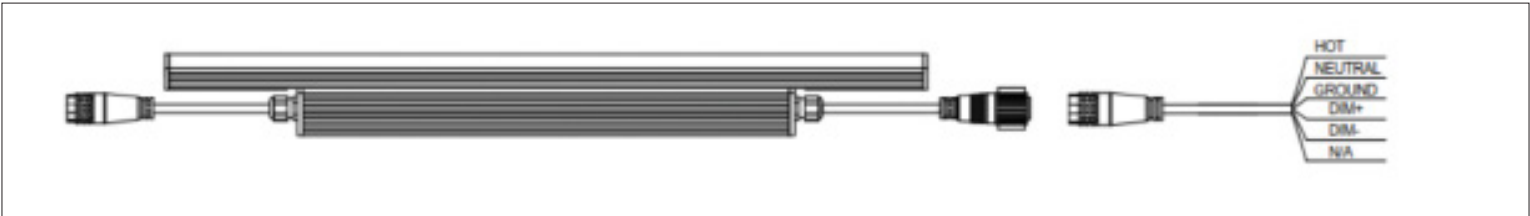
**Wall mount option for application that requires wall mounting with length 150mm – 230mm
Wall mount option for application that requires wall mounting with length 355mm – 560mm**

TYPICAL WIRING SCHEMATIC

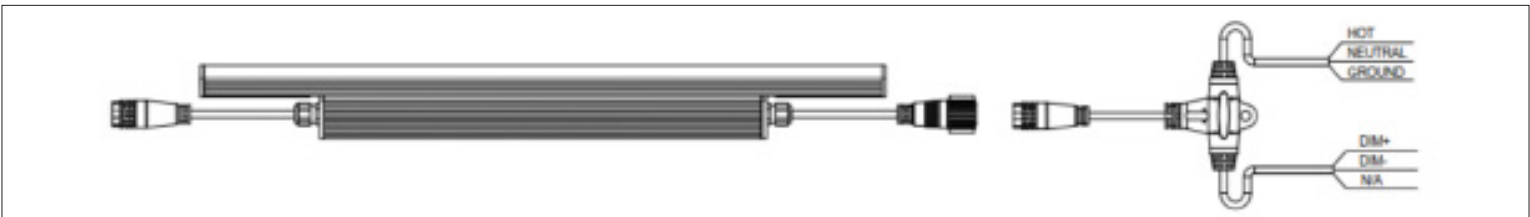
Leading wiring option one: (0-10V / Dali)
Description: Leading T joint with power and data leading cables



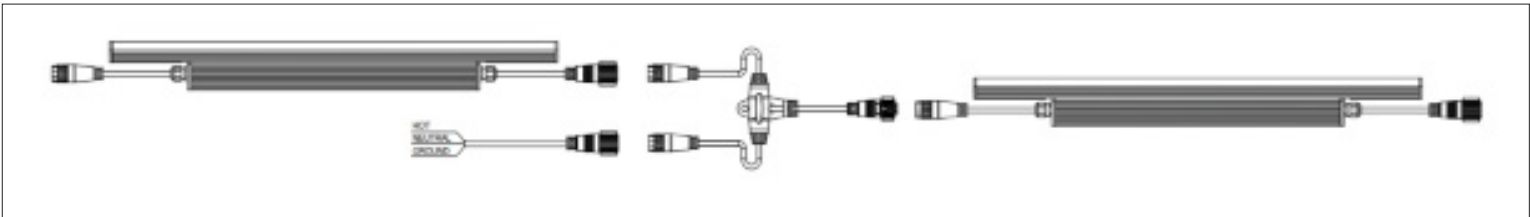
Leading wiring option two: (0-10V / Dali)
Description: Leading cables with power and data combined



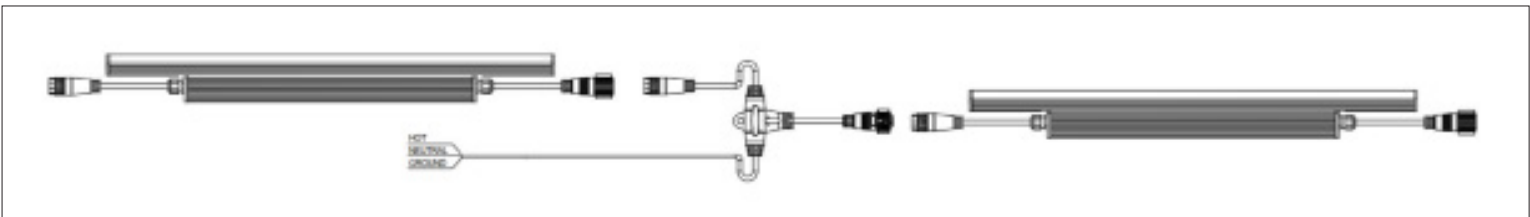
Leading wiring option three: (0-10V / Dali)
Description: Leading T joint with customized length on bare wires



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

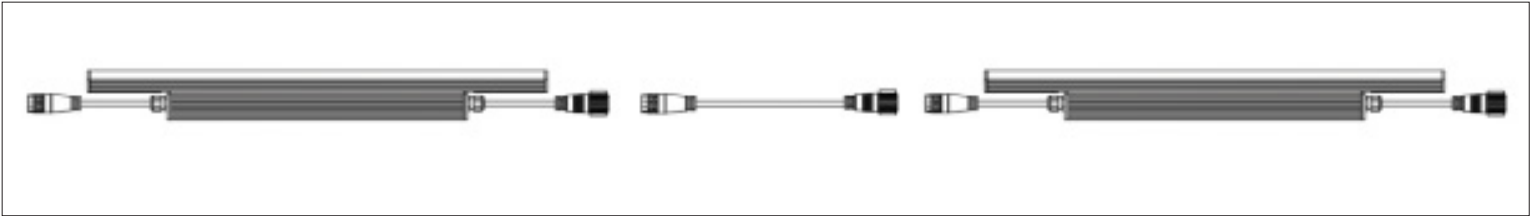


Power Injection option two
Description: Leading T joint with customized length on power bare wire



TYPICAL WIRING SCHEMATIC

Extension Cable



END Cap (IP66)

