

M12 Connector Cables PWM181

Our cables are purpose-built to seamlessly connect and power every lighting product in our portfolio. The PWM range of cables focusses on optimal control from one to four channels and ensures a reliable and weatherproof connection.

Designed with matching connectors, lengths, and specifications per product type, they simplify installation and reduce on-site wiring complexity. From plug-and-play leader cables for quick connections to durable jumper cables bridging longer distances, every cable is tested for reliability and performance in demanding environments.

- System-Matched Design – Fully compatible with each fixture type for plug-and-play integration.
- Robust & Scalable – Built to support flexible layouts, long runs, and outdoor-grade durability.



CERoHSIP67IK08

Operating	
Environment	Outdoor
Storage Temperature (°C)	-40 to +85
Working Temperature (°C)	-25 to +65
Oil Resistant	Yes
UV Resistant	Yes
Flame Retardant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years

Physical		
Cable Material		
Connector Material	M12	Nylon (PA66)
Cable Color	Black	
Connector Type	M12	



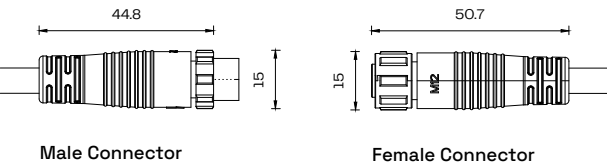
Pin Out White & Single Color		
Pin 1	Red	V+
Pin 2	Black	GND



Pin Out Tunable White		
Pin 1	Red	V+
Pin 2	Green	Warm White
Pin 3	Black	Cold White

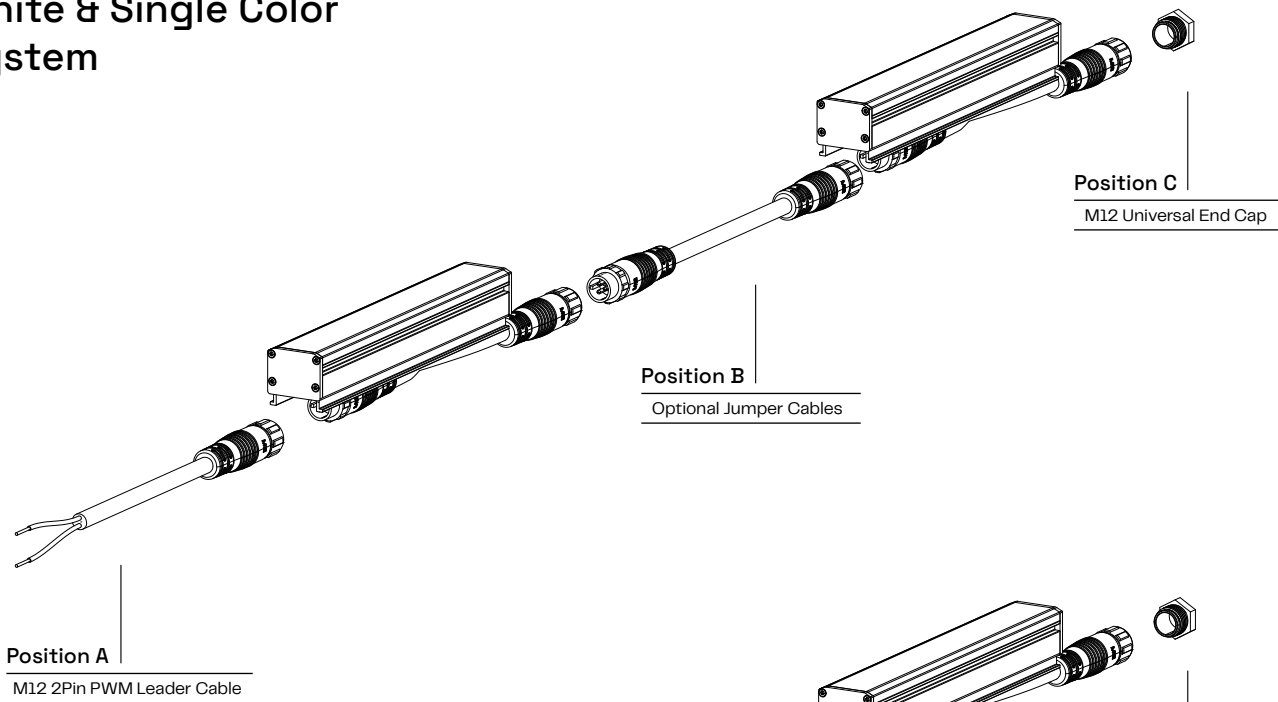


Pin Out Multi Color		
Pin 1	Red	V+
Pin 2	Green	Green
Pin 3	White	White
Pin 4	Yellow	Red
Pin 5	Black	Blue

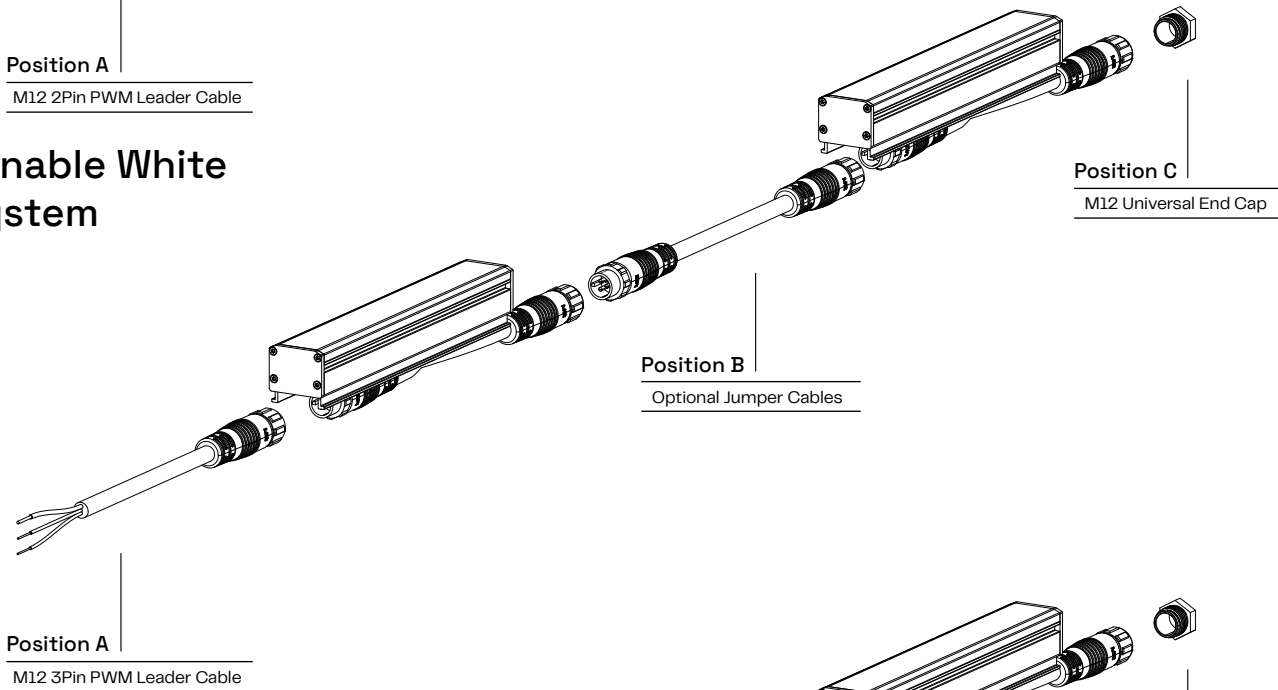


# System Overview

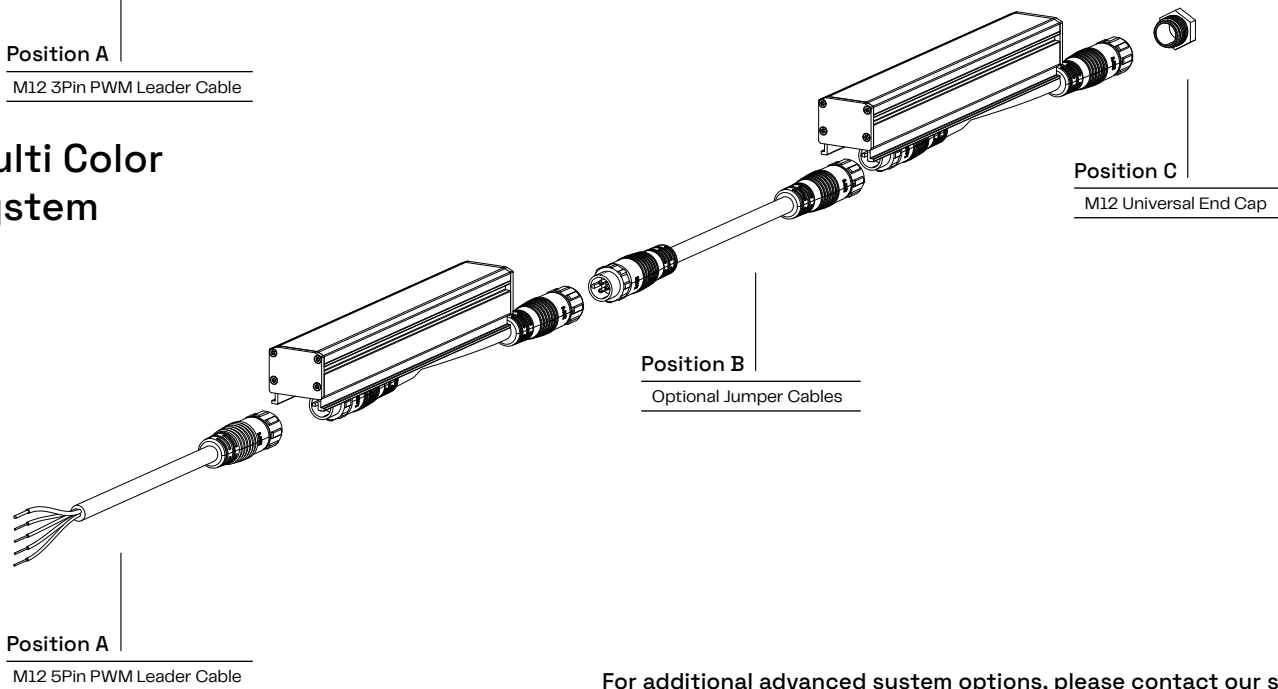
## White & Single Color System



## Tunable White System



## Multi Color System



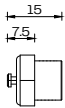
For additional advanced system options, please contact our sales department.

# Product Configurations

## Universal

### M12 Universal End Cap

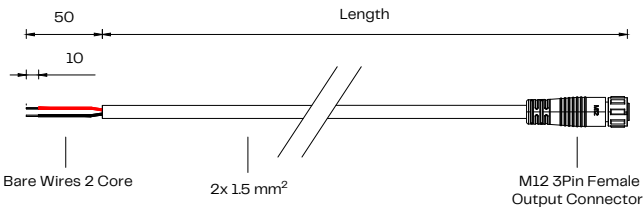
Product Code	Variation
7900161	M12 Universal End Cap



## White & Single Color System

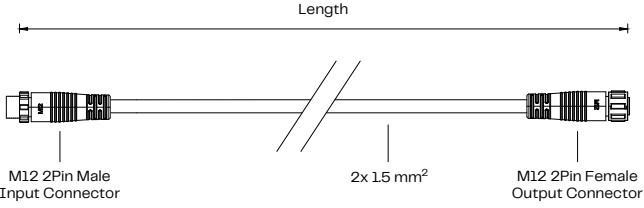
### M12 2Pin PWM Leader Cable

Product Code	Cable Length (m)	Weight (kg)
7900131	1	0,15
7900132	2	0,3
7900133	3	0,45



### M12 2Pin PWM Jumper Cable

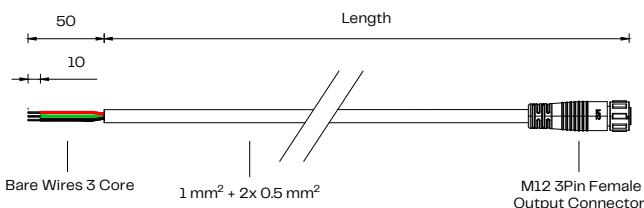
Product Code	Cable Length (m)	Weight (kg)
7900191	1	0,15
7900192	2	0,3
7900193	3	0,45



## Tunable White System

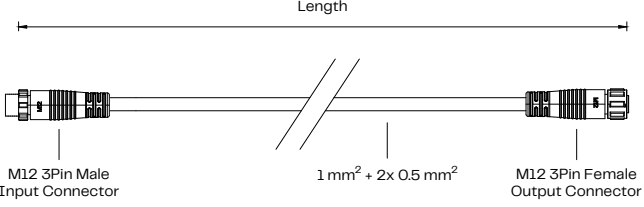
### M12 3Pin PWM Leader Cable

Product Code	Cable Length (m)	Weight (kg)
7900201	1	0,15
7900202	2	0,3
7900203	3	0,45



### M12 3Pin PWM Jumper Cable

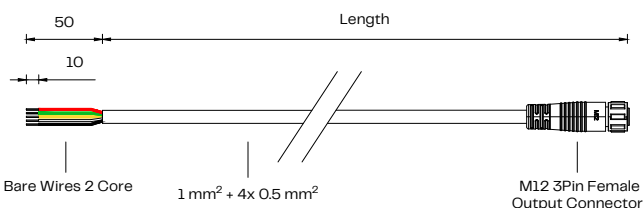
Product Code	Cable Length (m)	Weight (kg)
7900211	1	0,15
7900212	2	0,3
7900213	3	0,45



## Multi Color System

### M12 5Pin PWM Leader Cable

Product Code	Cable Length (m)	Weight (kg)
7900221	1	0,15
7900222	2	0,3
7900223	3	0,45



### M12 5Pin PWM Jumper Cable

Product Code	Cable Length (m)	Weight (kg)
7900231	1	0,15
7900232	2	0,3
7900233	3	0,45

