

M12 Connector Cables PWM

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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.



CE RoHS IP67 IK08

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

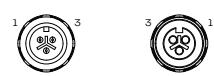
Physical

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



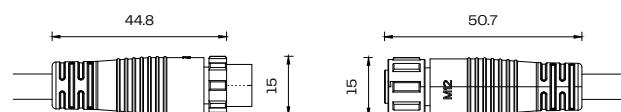
Pin Out White & Single Color

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



Male Connector

Female Connector

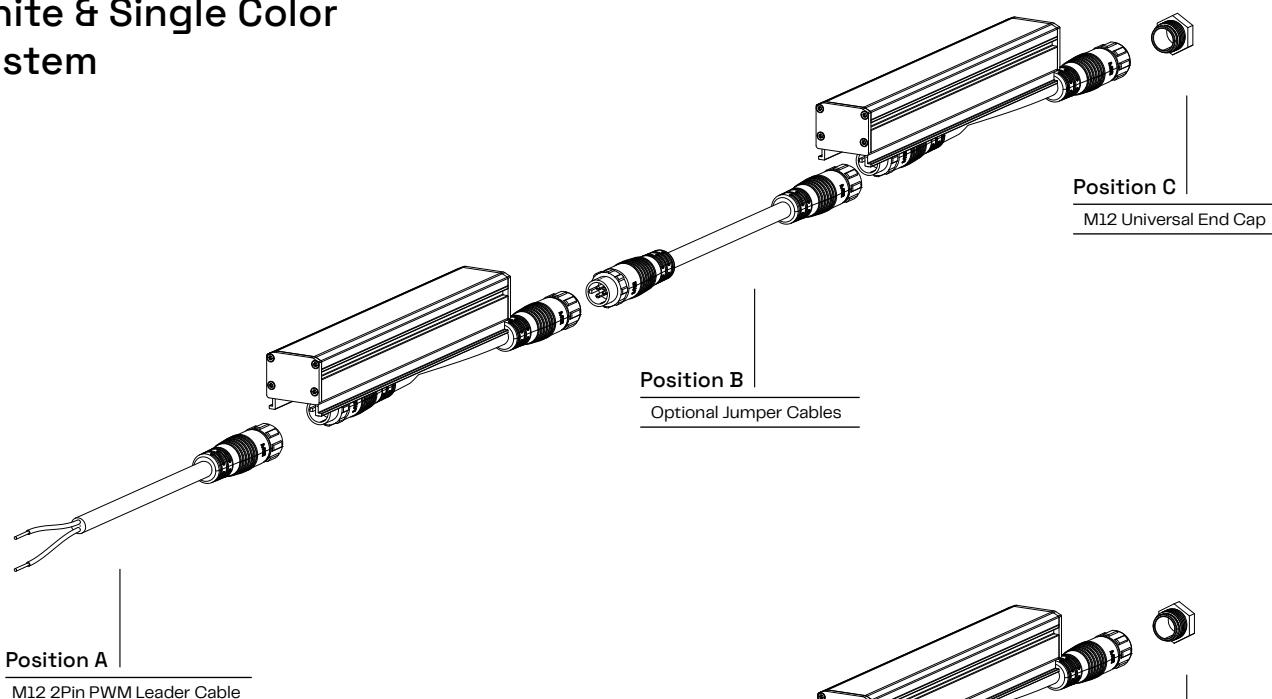


Pin Out Multi Color

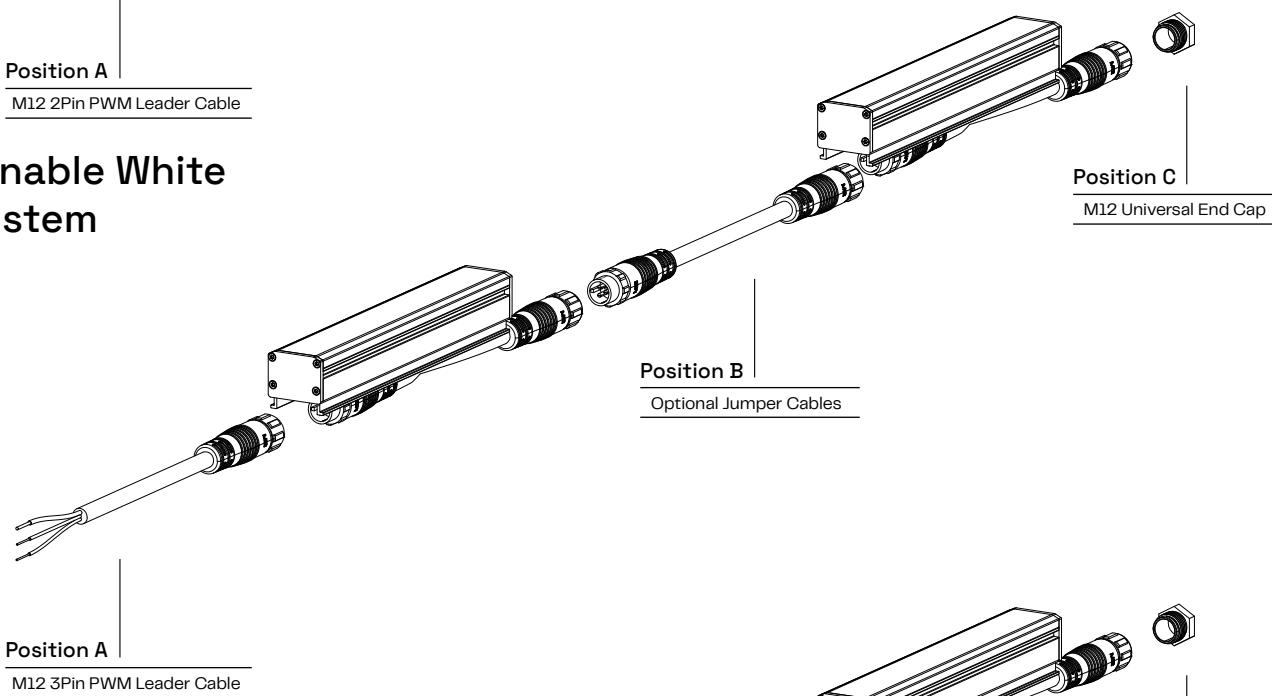
Pin 1	Red	V+
Pin 2	Green	Green
Pin 3	White	White
Pin 4	Yellow	Red
Pin 5	Black	Blue

System Overview

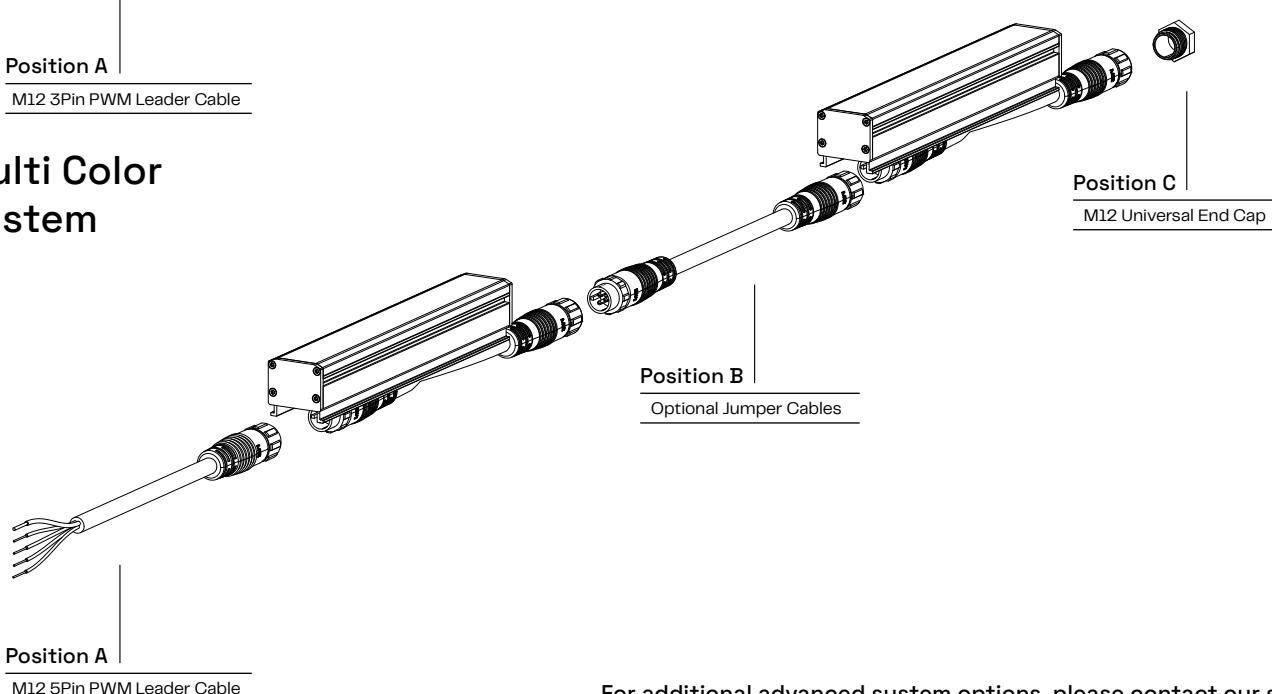
White & Single Color System



Tunable White System



Multi Color System



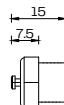
For additional advanced system options, please contact our sales department.

Product Configurations

Universal

M12 Universal End Cap

Product Code	Variation
7900161	M12 Universal End Cap



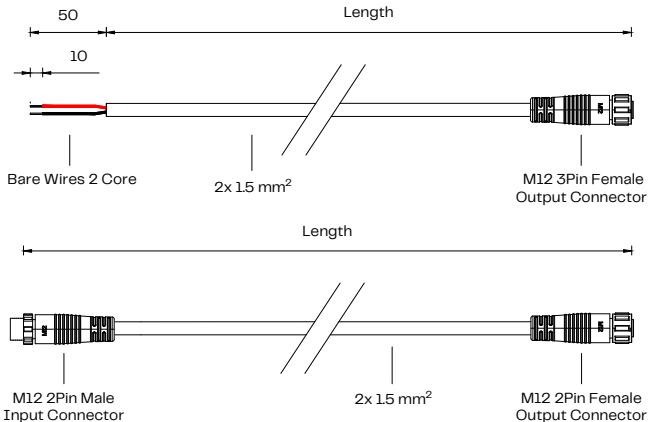
White & Single Color System

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



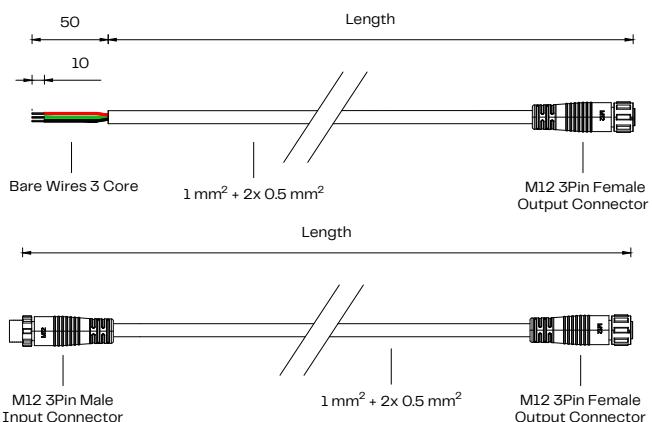
Tunable White System

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

