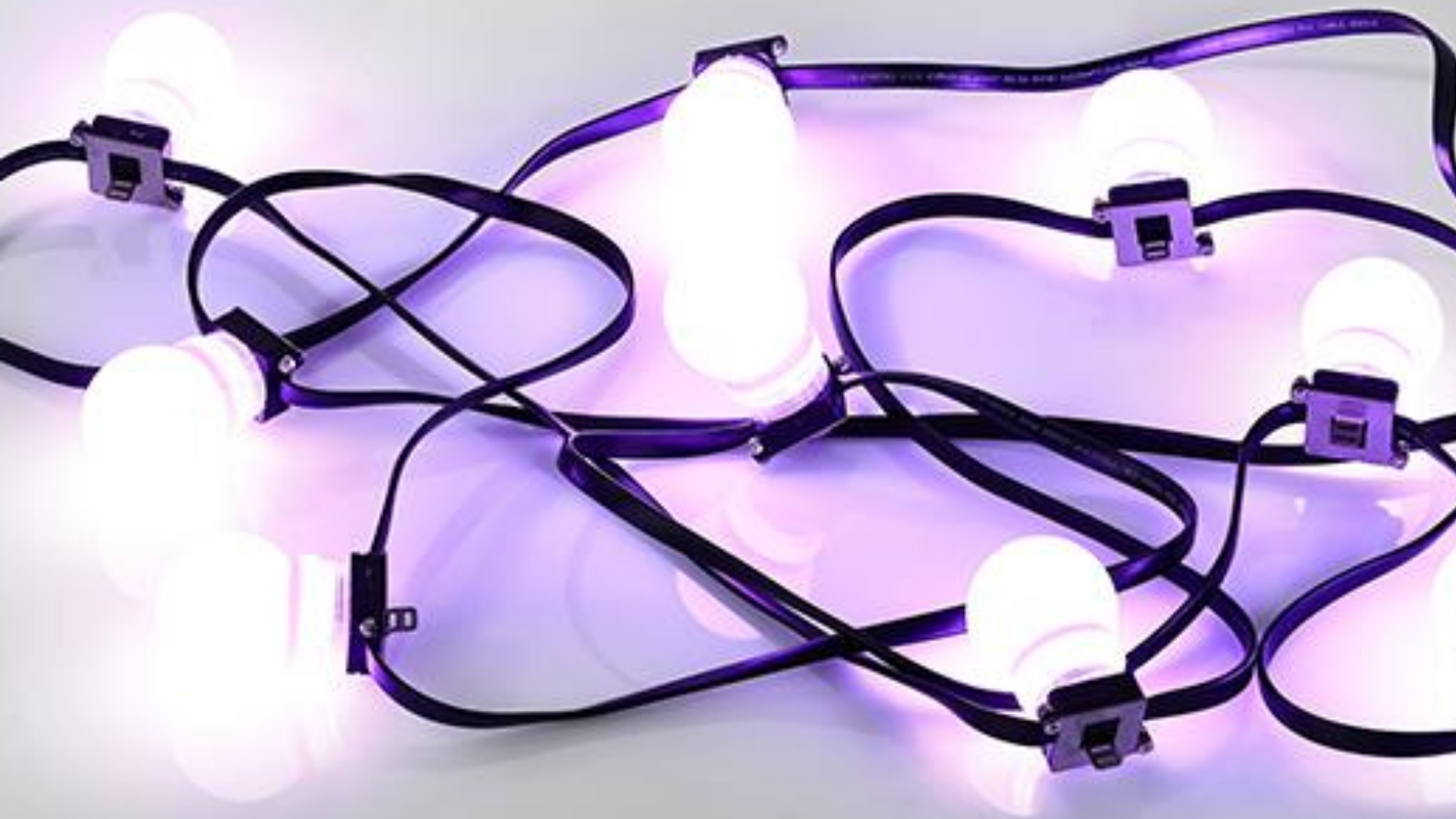


SUPERLIGHT

FK512

PROFESSIONAL DMX512
LED LIGHTING SYSTEM



FK512 MODULAR LED LIGHTING SYSTEM - DMX512

FK512 is a professional-grade DMX512 addressable LED festoon lighting system engineered for advanced architectural and entertainment lighting applications. Featuring fully digital addressing, it enables precise pixel-level control with support for single colour dimming, RGB, and RGBW lighting effects. Designed for flexibility, the FK512 offers customisable lamp spacing, cable lengths, and system configurations to suit bespoke installations. Ideal for dynamic lighting designs, it delivers reliable performance, vibrant colour output, and seamless integration into DMX lighting control systems, making it a premium solution for high-impact architectural and event lighting projects.

SPECIFICATIONS

Input Voltage:	24VDC
Max Power Consumption:	1.2W Per Module
LED CCT Configurations:	Static Colour / Tunable / RGB / RGBW
Module Spacing Options:	Custom Spacing from 100mm to 1000mm
LED Module Base Dimensions:	30x30mm
Overall Module Dimensions	42x30x21mm (without bulb lens)
Control Protocol:	DMX512
PWM Frequency:	2 KHz@16-Bit Grayscale
DMX Addressing Mode:	Manual Addressing with DMX Encoder
Bulb Lens Diameter:	50mm G50 (Opal Type)
Bulb Options:	Opal Type or Clear Type
Material:	Polycarbonate Body with UV Protected Lens
Mounting Type:	Surface Mounted or Catenary Wire
Operating Temp::	-30°C ~ +50°C
IP Protection Rating:	IP66



TYPICAL APPLICATIONS

Ideal for festoon lighting, DMX lighting, architectural lighting, façade lighting, event lighting, hospitality lighting, outdoor lighting, and decorative LED lighting. Perfect for venues, façades, public spaces, and feature installations requiring dynamic programmable lighting effects. Catenary wire installation systems and streetscapes, public space lighting etc.



DMX512 CONTROL & DIMMING COMPATIBILITY

FK512 operates on a fully DMX512 addressable control system, enabling precise pixel-level lighting control for dynamic architectural and decorative lighting applications. Units can be supplied with factory-set addressing, or configured with manual or auto-addressing modes by special request. Superlight can also pre-program DMX addressing schemes to suit project requirements, simplifying on-site commissioning. Wireless control options inc Casambi APP are also available.

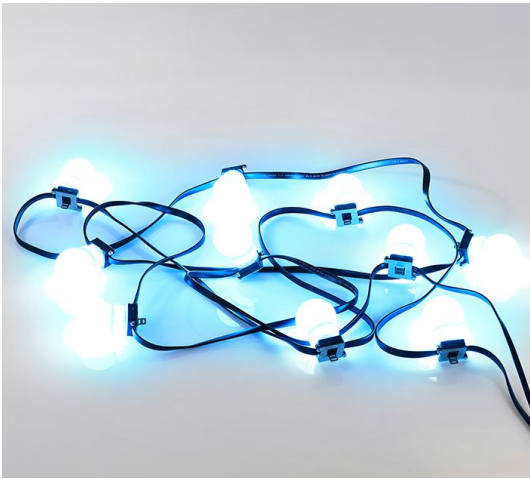
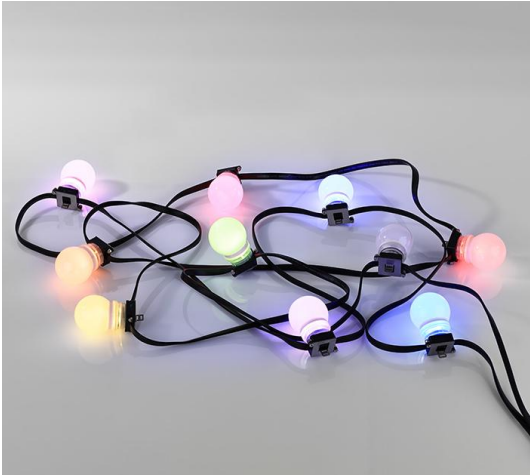
SPECIFICATION GUIDE

FK512-MODULE	MODULAR LED SYSTEM DMX512 ADDRESSABLE
FX512-CABLE	SPECIFY CABLE RUN LENGTH AND LED MODULE SPACING
FX512-LED	SPECIFY CCT RGB/ RGBW/ STATIC COLOUR

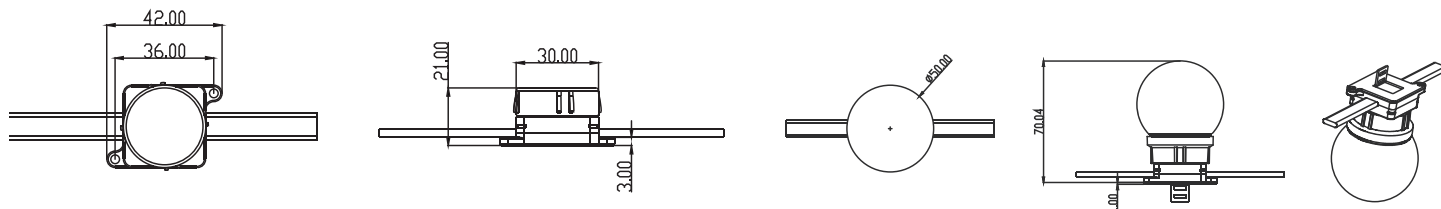
SYSTEM DESIGN, DMX512 CONTROL AND ACCESSORIES

Complete DMX lighting system design and supply is available, including catenary suspension hardware, control systems, lead-in cables, DMX splitters/repeaters, and associated accessories. Superlight also offers pre-programming and commissioning support to suit project requirements. Contact us for expert assistance with DMX system design, configuration, and integration for professional architectural lighting installations.

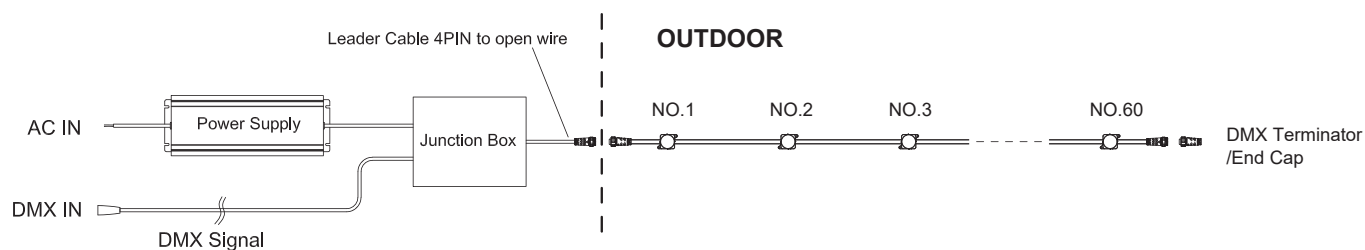
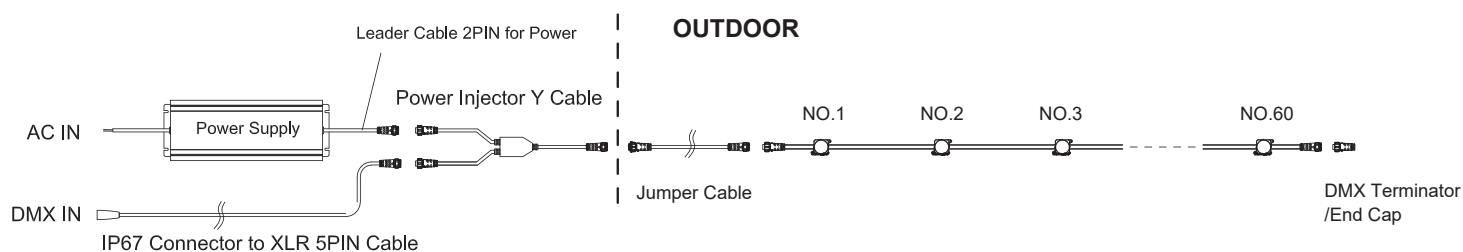
All product specifications are subject to change without notice. Superlight accepts no liabilities as a result of errors, updates or omissions. Please re-confirm all product details prior to ordering.



TYPICAL DIMENSIONS



SYSTEM OVERVIEW - EXAMPLES



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OPTIONAL ACCESSORIES & HARDWARE



DMX5009
DMX CONTROLLER



DMX504
DMX SPLITTER/AMPLIFIER



PXC8 8 UNIVERSE
MASTER DMX CONTROLLER



DMX-11WR
DMX512 ADDRESS WRITER/ENCODER



DR11-200W24V
CONSTANT VOLTAGE LED DRIVER



CW316
316 CATENARY WIRE SYSTEMS



RIG10
OUTDOOR INTERCONNECT CABLES



JB3003
OUTDOOR 3-WAY JUNCTION BOX



CPG9
IP67 CABLE CONNECTORS



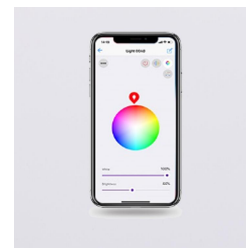
DX6508
WIRELESS DMX SYSTEM



CASAMBI INTERFACE
FOR CASAMBI SYSTEM CONTROL



DALI INTERFACE
DALI CONTROL MODULE



MOBILE DEVICE CONTROL
(requires DMX5009 + WiFi Router)



Marsden Brewhouse, Marsden park.
Installation featuring Superlight Digital LED Festoon System