



CORE SERIES · MAXIPUNCH CORE MEDIUM

MaxiPUNCH Core / Medium

A mid-power LED flood light for medium-throw façade and feature lighting, surface-mounted with an adjustable bracket. High-strength die-cast aluminium with tempered glass. Two models: White 3000K (6×W, ON/OFF) and RGB (2×R+2×G+2×B, DMX512).

● OUTDOOR	● IP66	● ON/OFF · DMX512	● DC 24V	● CRI ≥ 90
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POWER	COLOUR	IP RATING	CONTROL	CRI
18 W	3000K White · RGB	IP66	ON/OFF (White) · DMX512 (RGB)	≥ 90 (White)

SPECIFICATIONS • OVERVIEW • KEY FEATURES

QUICK SPECIFICATIONS

SUPPLY	DC 24V
POWER	18 W
LIGHT SOURCE	6 × W (White) • 2×R+2×G+2×B (RGB)
COLOUR	3000K White • RGB
OPTICS • WHITE	6 / 8 / 10 / 15 / 20 / 30 / 45 / 60 / 80°
OPTICS • RGB	30 / 45 / 60 / 80°
CONTROL	ON/OFF (White) • DMX512 (RGB)
CRI	≥ 90 (White)
EFFICACY	≥ 65 lm/W (White) • ≥ 35 lm/W (RGB)
IP RATING	IP66
MATERIAL	Aluminium + tempered glass
WEIGHT	1.09 kg (2.40 lb)
MOUNT	Adjustable bracket
DIMENSIONS	125 × 145 × 76 mm (4.92 × 5.71 × 2.99 in)

OVERVIEW

A mid-power LED flood light for medium-throw façade and feature lighting, surface-mounted with an adjustable bracket. High-strength die-cast aluminium with tempered glass. Two models: White 3000K (6×W, ON/OFF) and RGB (2×R+2×G+2×B, DMX512).

KEY FEATURES

- 01

Mid-power flood
Medium-throw façade and feature flood in a rectangular 6-LED body.
- 02

Surface-mount bracket
Adjustable bracket for precise aiming on walls and structures.
- 03

Two colour modes
White 3000K on ON/OFF, or full RGB colour on DMX512.
- 04

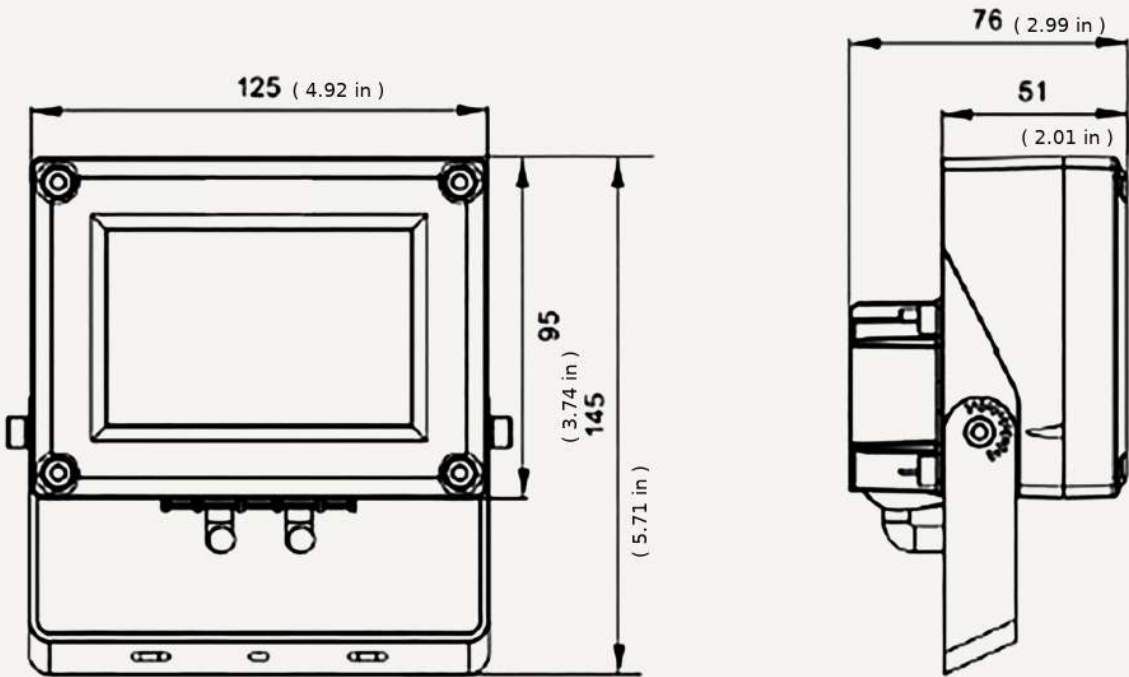
Die-cast • IP66
High-strength die-cast aluminium with tempered glass, sealed IP66 for permanent outdoor use.

DIMENSIONS • PHYSICAL ENVELOPE

Dimensions and physical envelope.

MAXIPUNCH CORE MEDIUM • SCALED DRAWING

MM (INCHES) • NTS

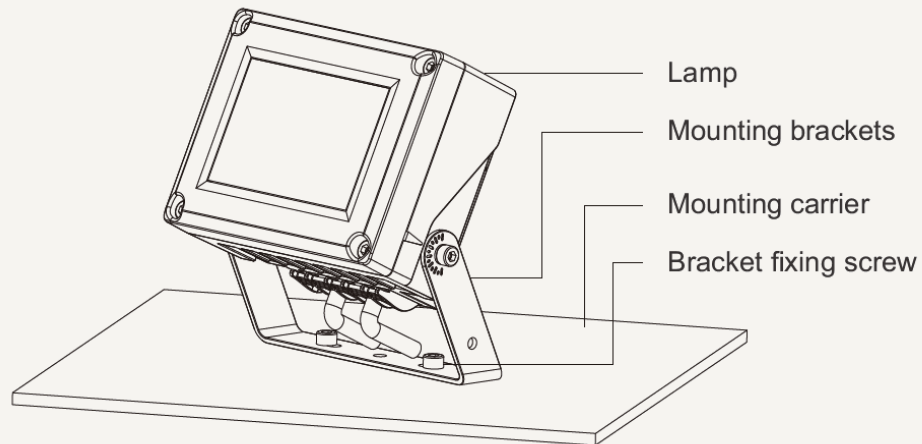


WIDTH	HEIGHT	WINDOW	DEPTH
125 mm (4.92 in)	145 mm (5.71 in)	95 mm (3.74 in)	76 mm (2.99 in)

Note. Drawings are not to scale. Confirm mounting cutout and clearance against the physical fixture before finalising fabrication drawings.

— INSTALLATION • GENERAL METHOD

Installation procedure.



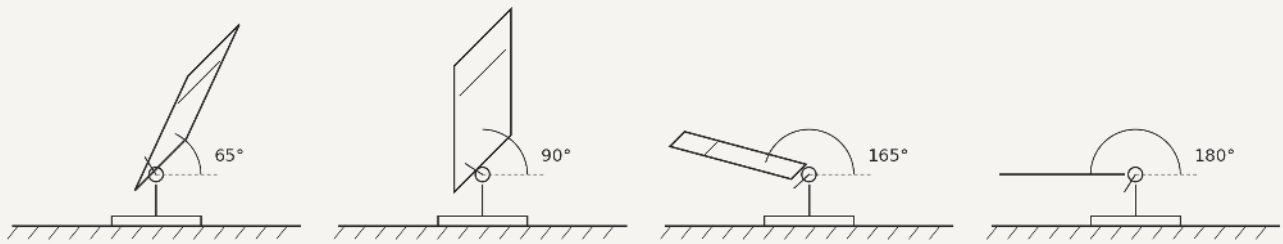
MOUNTING BRACKET (M5)

- 01** Fix the lamp mounting bracket to the required position with M5 screws.
- 02** Once the lamp is firmly installed, adjust the aiming angle as needed, then lock the connection screws.

Note. Installation must be carried out by a qualified electrician per local electrical and construction codes. Remote DC 24V driver not included.

— INSTALLATION · MULTI-ANGLE ADJUSTABLE BRACKET

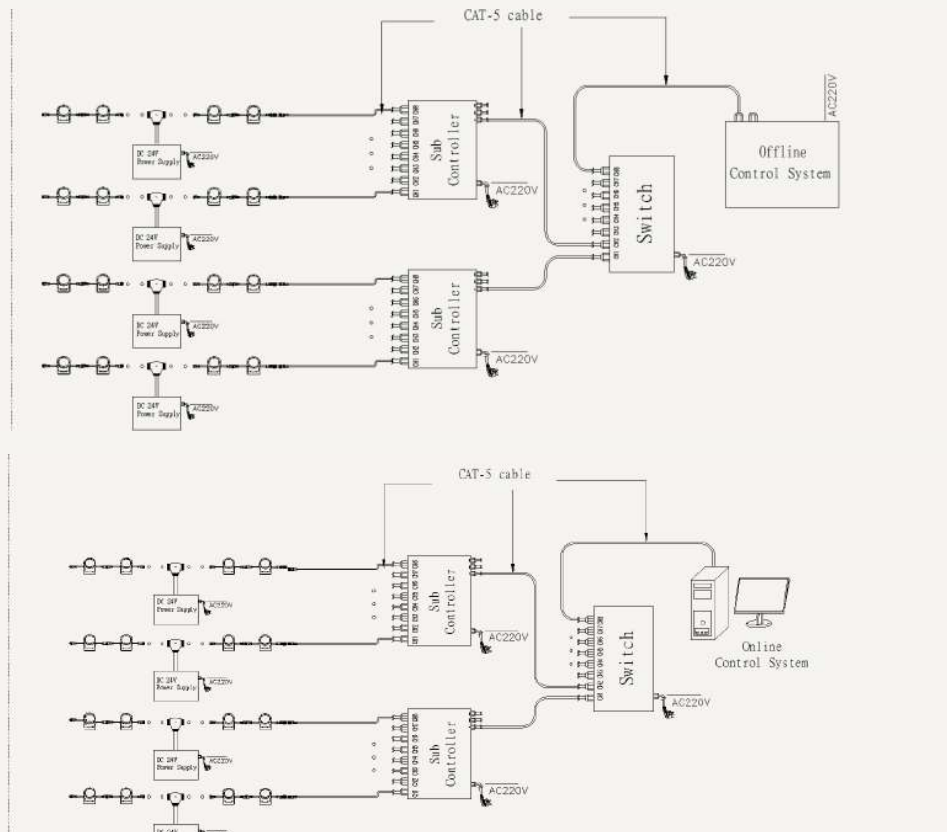
Multi-angle adjustable bracket.



Note. Loosen the screws on both sides of the bracket, set the tilt and re-tighten. The adjustable bracket holds aim through 65°, 90°, 165° and 180° for façade, ground and structural mounting.

WIRING • SYSTEM CONNECTION

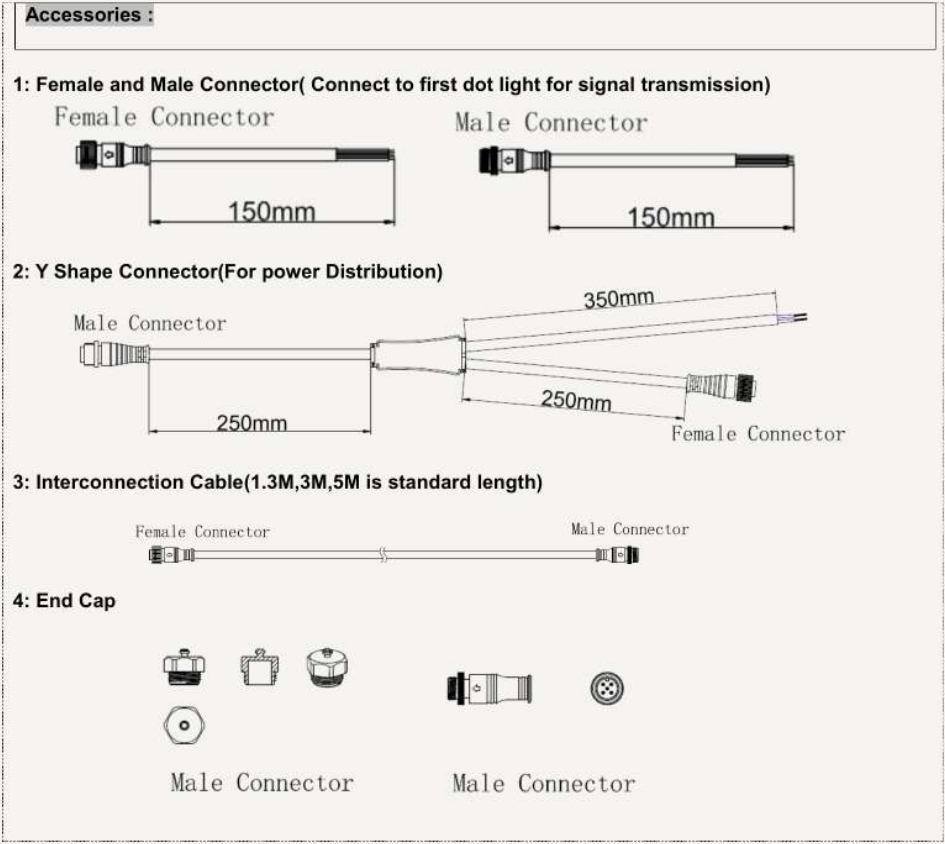
System connection.



Note. Each fixture is an addressable pixel on a DMX512 line. Sub-controllers drive up to 8 ports (512 px/port); CAT-5 links controllers to the switch and control system within 100 m. Fixtures run on DC 24V from remote power supplies; controllers on AC 220V.

ACCESSORIES · CONNECTORS & CABLING

Accessories.



Note. Waterproof male/female signal connectors (150 mm), Y-shape power-distribution splitter, interconnection cables (1.3 / 3 / 5 m standard) and end caps. Order separately to suit the run layout.

— APPLICATIONS · MOUNTING

Applications and mounting.

APPLICATIONS

- 01

Architectural façade lighting
Accent, wall grazing and feature lighting on facades and structures.
- 02

Signage & dynamic branding
Colour-changing RGBW washes for signage and branded surfaces.
- 03

Monuments & features
Sculptural elements, monuments and landscape features.
- 04

Landscape accent lighting
Trees, planting and hardscape accents.

Note. Installation must be carried out by a qualified electrician per local electrical and construction codes. Remote driver not included.

MOUNTING & CONTROL

Surface-mounted on an adjustable bracket for precise aiming. Supply DC 24V (Small/Medium) or DC 48V (Large) from a remote driver. DALI White or DMX512 RGBW — no separate data cabling beyond the MaxiLINK 2-core.