

| PROJECT | FIRM | ORDER # | TYPE | QTY |
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PL-FLD 200 is a high-power outdoor LED flood projector with a special rotation design that enables infinite positioning for a wide range of light effects. Its minimalistic die-cast aluminium housing makes it a natural fit for large architectural facades, monuments and landscape lighting.

Built on 44 high-power LEDs with a broad choice of optics, it delivers up to 60,000 lm with precise control over brightness, colour and beam angle — available in static CCT and RGBW versions, in 400 W and 800 W ratings, powered directly from 220-240 V AC.

Features

- Rotation design with infinite positioning — aim, lock and re-aim for any light effect.
- 44 high-power LEDs — 30,000 lm (400 W) or 60,000 lm (800 W).
- Seven beam angle options from 10° to 90°, including a 10°×45° elliptical optic.
- Static CCT and RGBW versions, controlled via DMX.
- IP66 die-cast aluminium housing with 4 mm tempered glass front.
- Omega-bracket mounting; optional honeycomb louvre for glare control.

At a glance

| | | | | | |
|--|-------------------------------------|---|--|---|---|
| <p>⚡ Power 400 W / 800 W · 220-240 V AC</p> | <p>◆ Protection IP66</p> | <p>☀ Beam 7 beam angle options</p> | <p>🌡 Temperature -30 °C to +70 °C</p> | <p>◆ CRI / Cert. RA80+ (3000 K) CE compliant</p> | <p>★ Warranty 5 years, limited</p> |
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Variant matrix

Photometric and electrical performance by variant.

| PL-FLD-200-* | LED type | LED qty | Wattage | Luminous flux | Control | Beam angles |
|---------------------|------------------------------|---------|---------|---------------|---------|-------------|
| Static CCT — 400 W | High-power warm / cool white | 44 pcs | 400 W | 30,000 lm | DMX | 10°-90° |
| Static CCT — 800 W | High-power warm / cool white | 44 pcs | 800 W | 60,000 lm | DMX | 10°-90° |
| Static RGBW — 400 W | High-power 4-in-1 RGBW | 44 pcs | 400 W | 30,000 lm | DMX | 10°-90° |
| Static RGBW — 800 W | High-power 4-in-1 RGBW | 44 pcs | 800 W | 60,000 lm | DMX | 10°-90° |

Specifications

| | |
|------------------------------|---|
| Series | LED Flood Series — RGBW / CCT |
| Product code | PL-FLD-200-*.~.* (see Configure your product on page 4) |
| LED type | High-power 4-in-1 RGBW + warm white |
| LED quantity | 44 pcs |
| Operating voltage | 220-240 V AC |
| Wattage | 400 W or 800 W |
| Luminous flux | 30,000 lm (400 W) · 60,000 lm (800 W) |
| CRI | RA80+ (based on 3000 K) |
| CCT options | Static: 2700 K · 3000 K · 3500 K · 4000 K · 5700 K |
| RGBW options | RGBW — 3000 K · RGBW — 4000 K |
| Beam angle | 10° · 15° · 25° · 45° · 60° · 90° · 10°×45° |
| Control protocol | DMX |
| LED lifetime | 80% lumen maintenance after 50,000 hours |
| Dimensions | L 520 mm × W 220 mm × H 310 mm |
| Weight | 10.5 kg |
| Housing | Die-cast aluminium · powder coating |
| Front screen | 4 mm tempered glass |
| IP rating | IP66 |
| Operating temperature | -30 °C to +70 °C |
| Installation | With omega brackets |
| Accessories | Honeycomb louvre (optional) · CE compliant |
| Warranty | 5 years, limited |

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Dimensions

Overall dimensions

Length 520 mm · Width 220 mm · Height 310 mm (body, excluding the omega brackets).

Weight & construction

Weight 10.5 kg. Die-cast aluminium housing with powder coating and a 4 mm tempered-glass front screen. Dimensions are identical across all variants.

Installation

Mounting

- Fix the supplied omega brackets to the substrate or rigging, then mount the projector. The rotation design allows infinite positioning — set the aiming angle and lock it.
- Fit the optional honeycomb louvre where glare control is required.

Electrical

- Connect directly to a 220–240 V AC mains supply rated for the fixture wattage (400 W or 800 W, plus headroom). The driver is integrated.
- Run DMX as a twisted pair and keep cable lengths short between controller and first fixture.
- IP66 — suitable for permanent outdoor use; seal all cable joints to the same rating.

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Configure your product

Build your model code in the form PL-FLD-200-*.***, replacing the asterisks with the option codes below: colour (CCT / RGBW), wattage, beam angle.

| Option | CCT / RGBW variant | Option | Wattage / Beam angle |
|--------|----------------------|-----------|-------------------------|
| A | Static CCT — 2700 K | 1 | 400 W |
| B | Static CCT — 3000 K | 2 | 800 W |
| C | Static CCT — 3500 K | A · B · C | Beam 10° · 15° · 25° |
| D | Static CCT — 4000 K | D · E · F | Beam 45° · 60° · 90° |
| E | Static CCT — 5700 K | G | Beam 10°×45° elliptical |
| F | Static RGBW — 3000 K | | |
| G | Static RGBW — 4000 K | | |

Example product codes

PL-FLD-200-A-1-B LED flood light — Static CCT 2700 K · 400 W · 15° beam

PL-FLD-200-F-2-C LED flood light — Static RGBW 3000 K · 800 W · 25° beam

DMX control

The PL-FLD 200 is controlled via DMX. RGBW versions offer full colour mixing; static CCT versions use the DMX signal for dimming.

Output by wattage

| Wattage | Luminous flux | Avg. LED life |
|---------|---------------|----------------|
| 400 W | 30,000 lm | 50,000 h (80%) |
| 800 W | 60,000 lm | 50,000 h (80%) |

Control notes

- DMX is the control protocol for all versions.
- Pixelerr DMX controllers and the Pixelerr App can drive the PL-FLD 200 directly.
- Power is taken directly from 220-240 V AC — no external driver is required.