

CUSTOMER	PROJECT	DATE
TYPE	QTY	PO #

LS-ARCH-EXT-120V-RECT-150W

High-output exterior architectural floodlight · 150 W · 120–240 VAC



Specifications

ELECTRICAL	
Input voltage	120–240 VAC
Power	150 W
Control	0–10 V · DALI · DMX512 (RGBW)
PHOTOMETRY	
Luminous flux	11,930 lm (RGBW) · 7,000 lm (single CCT)
LED source	CREE
Color temperature	2700 K · 3000 K · 4000 K · 6000 K · RGBW
CRI	< 80
Beam angles	5° · 10° · 15° · 30° · 45° · 60°
MECHANICAL & ENVIRONMENTAL	
Dimensions (L × W × H)	400 × 320 × 290 mm
Ingress protection	IP65
Operating temperature	–40 °C to +50 °C
Finishes	Black · Silver · White
DURABILITY	
Lifespan	50,000 hours
Warranty	5 years

Description

High-output floodlight designed to showcase large buildings. It covers up to 30 m (100 ft) with no loss of brightness and is built for the Canadian climate. Available in multiple colour temperatures or RGBW, with 0–10 V / DALI or DMX512 (RGBW) control.

Key features

- 30 m (100 ft) throw
- Operates from –40 °C to +50 °C
- IP65 waterproof housing
- CREE LEDs · 50,000 h
- 6 beam options, from 5° to 60°

Finishes



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Ordering code

LS-ARCH-EXT-120V-RECT-150W -**CODE** LS-ARCH-EXT-120V-RECT-150W-.....

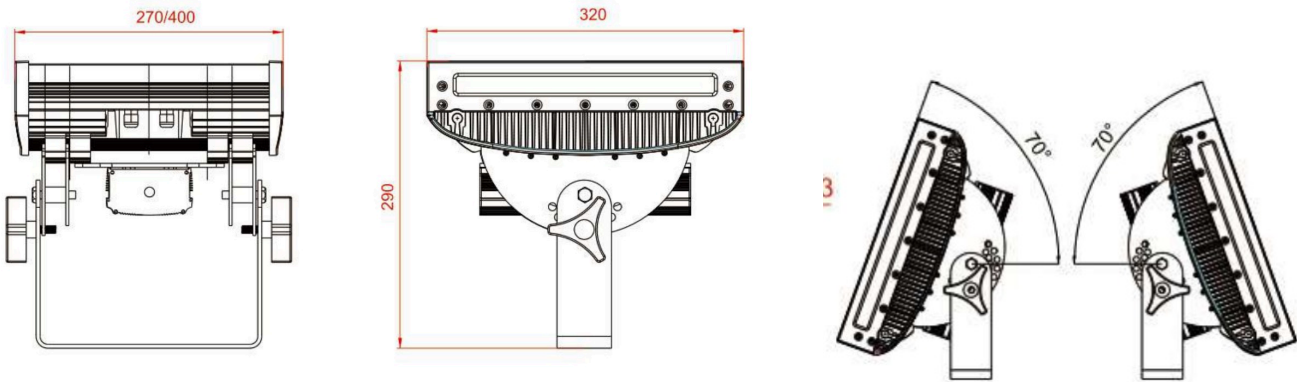
CCT	BEAM	FINISH
2.7K 3K 4K 6K RGBW	5° 10° 15° 30° 45° 60°	BK · Black SI · Silver WH · White

Control — 0-10 V or DALI for white (CCT) · DMX512 for RGBW.

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Dimensions

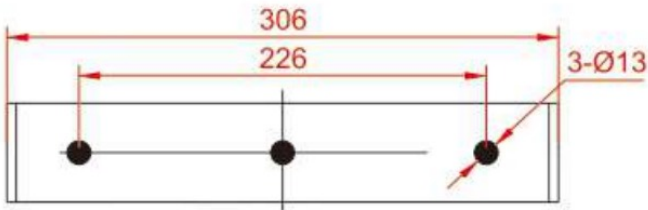
Dimensions in millimetres



Front and side views · 400 (270) × 320 × 290 mm

Adjustable tilt · 70° each side

Mounting bracket



BRACKET	
Length	306 mm
Hole spacing	226 mm
Mounting holes	3 × Ø 13 mm

Installation — DMX512 wiring



Note — A DMX signal amplifier is required beyond 30 floodlights on a single line.

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Operating modes

B-1 Standalone mode

Select the built-in programs using the touch buttons on the back of the unit.

B-2 DMX mode

International standard DMX512 signal, 3-pin XLR connection.

B-3 Master / slave

Automatic linking between units and synchronized operation.

Functions & setup

C-1 · Standalone mode

- 1 Press **A four times** (the first three presses set the DMX address) or press **B directly**: the unit enters standalone mode.
- 2 The display shows **P X Y**.
- 3 Each press of **A** moves to the next digit: **X** selects the function, **Y** the parameter.
- 4 Each press of **B** increases the flashing digit by 1 (range: 1 to 9).



3-digit display

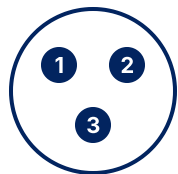


Setup buttons



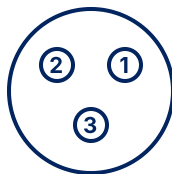
e.g. DMX address 256 · PXY mode

DMX512 pinout (3-pin XLR)



DMX input

Male XLR · front view



DMX output

Female XLR · front view

PIN	SIGNAL	FUNCTION
1	Ground (GND)	Common / shield
2	DMX - (Data -)	Inverted data signal
3	DMX + (Data +)	Data signal

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Accessories

DMX adapters · XLR3 ↔ LLT3 IP67



Adapters for connecting a standard 3-pin XLR DMX cable to a waterproof LLT3 IP67 connector. Available in two models:

MODEL 1 Female XLR3 → male LLT3

P/N LS-ACC-CABLE-DMX-IP67-3FT-FEMELLE/MALE
Length: 3 ft (0.9 m)

XLR3 female

LLT3 IP67 male

MODEL 2 Male XLR3 → female LLT3

P/N LS-ACC-CABLE-DMX-IP67-3FT-MALE/FEMELLE
Length: 3 ft (0.9 m)

XLR3 male

LLT3 IP67 female