CUSTOMER	PROJECT	DATE
TYPE	QTY	PO #

LS-ARCH-EXT-120V-R

Round narrow-beam floodlight · 120 VAC · 20 W / 40 W



195 mm · 20 W



225 mm · 40 W



Long-distance projection

RGBW · IP65 · IK08 · 512 DMX · ETL Intertek

Specifications

MODEL	195 mm	225 mm
Power	20 W	40 W
Voltage	120 VAC	
Luminous flux (RGBW)	1,422 lm	2,464 lm
Luminous flux (CCT)	3,077 lm	5,518 lm
Color temperature	2700 K · 3000 K · 3500 K · 4000 K · 5000 K · RGBW	
Beam angles	5° · 10° · 20° · 25° · 35° · 40° · 60°	
Dimensions	Ø 195 × H 180 mm	Ø 225 × H 220 mm
Weight	3.1 kg	4.5 kg
Control	DMX512	
Operating temperature	−40 °C to +55 °C	
Protection	IP65 · IK08	
Warranty	5 years (limited)	

Description

Narrow-beam floodlight designed for long-distance projection on medium and large buildings. Available in two sizes, 20 W and 40 W, in multiple colour temperatures or RGBW.

Key features

- 2 sizes: 20 W and 40 W
- 7 beam options, 5° to 60°
- White or RGBW
- IP65 · IK08 · −40 °C to +55 °C

Finishes

White · Black · Silver

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Ordering code

LS-ARCH-EXT-120V.240V-R - Size - Power - CCT - Beam - Finish

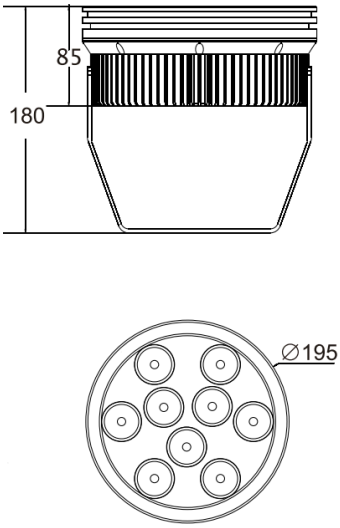
CODE LS-ARCH-EXT-120V.240V-R-·····

SIZE	POWER	CCT	BEAM	FINISH
195 mm 225 mm	20 W (195 mm) 40 W (225 mm)	2.7K 3K 3.5K 4K 5K RGBW	5° 10° 20° 25° 35° 40° 60°	**BK** · Black **WH** · White **SI** · Silver

Dimensions

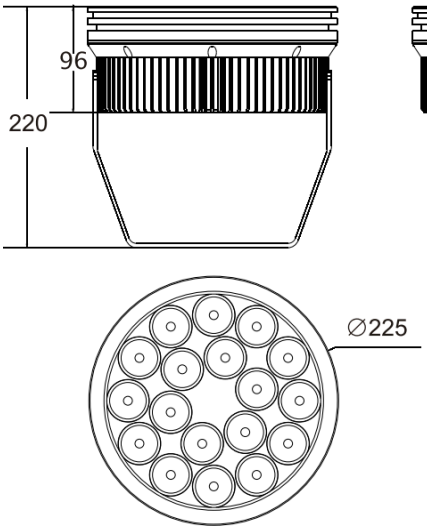
Dimensions in millimetres

195 mm model



Ø 195 · height 180 mm

225 mm model

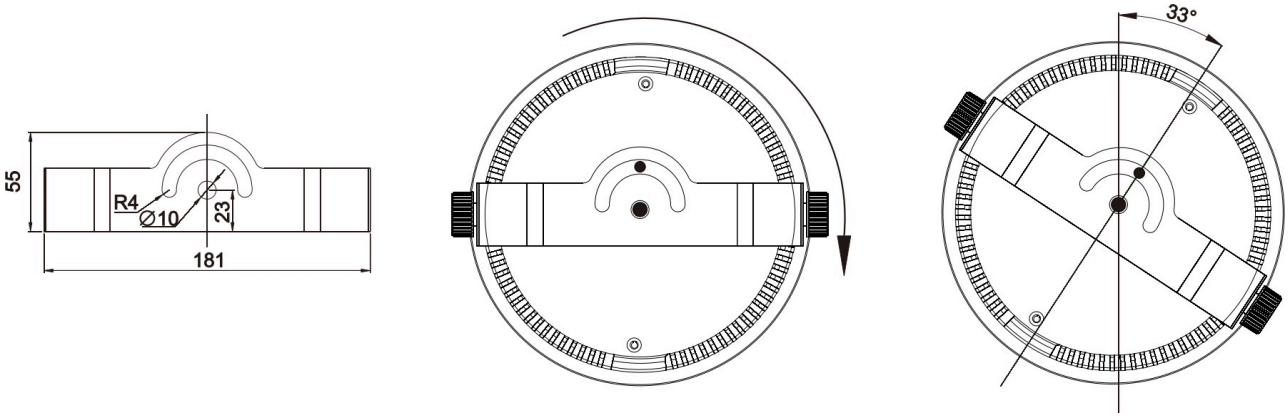


Ø 225 · height 220 mm

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Mounting bracket

Dimensions in millimetres



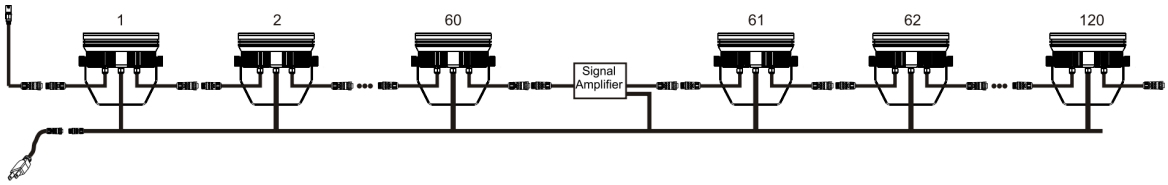
Bracket 181 × 55 mm · floodlight rotation on its bracket

Installation

DMX512 control



DMX512 controller



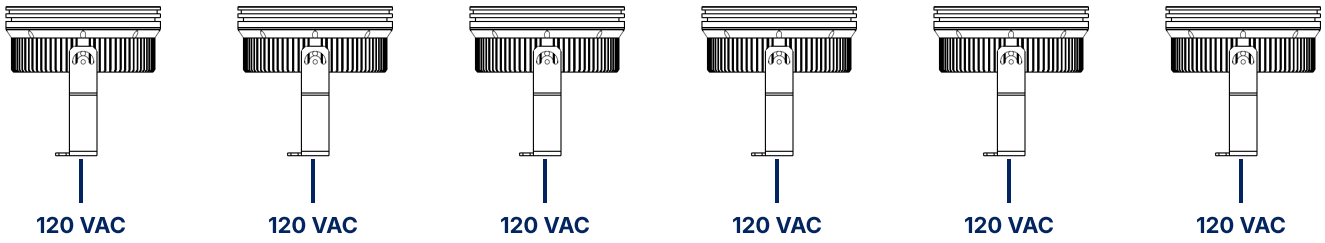
DMX · daisy-chained signal, floodlights 1 to 120 **120 VAC** · power

Note — Maximum 60 floodlights on one DMX line. Beyond that, add a signal amplifier.

CUSTOMER	PROJECT	DATE
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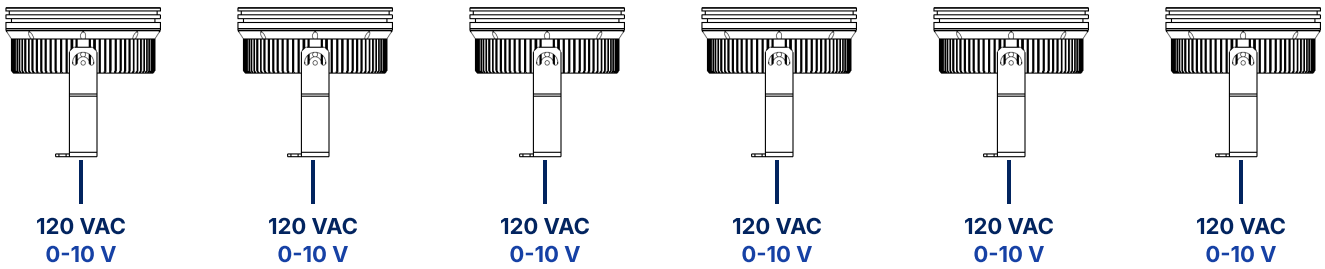
Installation — single-colour version

No control



Each floodlight is powered directly at 120 VAC.

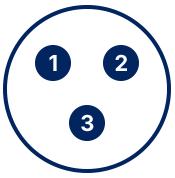
0-10 V dimming



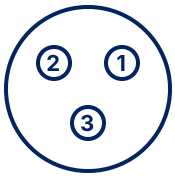
Each floodlight receives 120 VAC power and the 0-10 V dimming signal.

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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

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

Shield



Shield that mounts on the floodlight.