

ARCHITECTURAL DATA SHEET

Lexi

Architectural Floodlight · Long-Throw Projector

Distance, on cue.

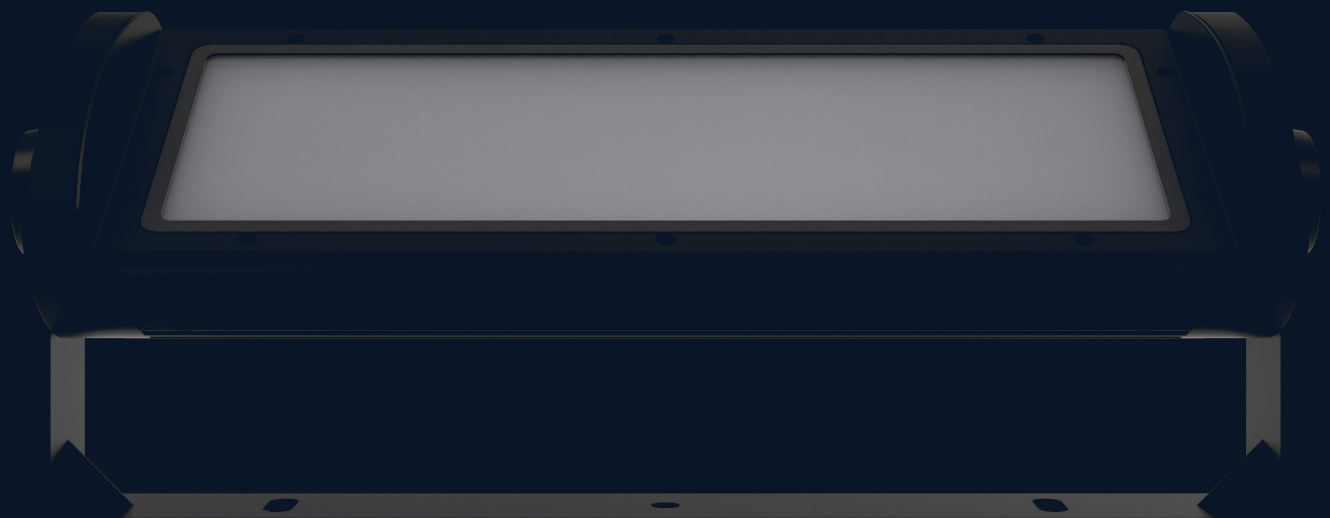
Wet-location-rated, high-output exterior LED floodlight with a 3.5° native beam for long-throw architectural projection. Available in 0-10V monochromatic and DMX-RDM RGBW / RGBA — sharing a single 100 W module, yoke mount, and optical platform.

3.5° NATIVE BEAM

IP66 WET
LOCATION

0-10V · DMX

100-277VAC



AVAILABLE WITH*

Coda™ Forte™ Sense™ Shift™ Token™ Tone™

*Not all technologies are available on every fixture.

O P T I C A L P E R F O R M A N C E

Two variants.

One mechanical and optical platform.

0-10V

Monochromatic

Native Beam · 3.5° projector

LED Channels

1

Native Output

6,825 - 7,050 lm

CCT Range

2700, 3000, 3500, 4000K

CRI

80 standard

Power

100 W typ · 115 W max

Efficacy

70 lm/W

Control

0-10V dimming

DMX

RGBW · RGBA

Native Beam · 3.5° projector

LED Channels

4 (R · G · RB · W or PCA)

Native Output

4,500 lm (full-on)

Red · Green · Royal Blue

670 · 1,790 · 465 lm

White 3000K / PC Amber

1,700 / 1,400 lm

Power

100 W typ · 115 W max

Efficacy

45 lm/W

Control

DMX (RDM compliant)

O P T I O N A L O P T I C A L D I S T R I B U T I O N S

Discrete (round): 10°, 20°, 40°, 60°, 80° · Elliptical: 10×40°, 10×60°, 5×30°, 5×60°

Factory-installable LSD film inserts available per single-module unit.

E L E C T R I C A L · B O T H V A R I A N T S

Input Voltage	100-277VAC, auto-ranging, 50/60Hz
Power Consumption	100 W typ · 115 W max (steady state)
Power Factor	0.99 @ 120VAC · 0.90 @ 277VAC
Surge	4 kV maximum common (Gnd to L, Gnd to N)

Calculated values · actual results vary within ±5%

Built for the field.

Shared across both variants.

Mechanical

Module Dimensions

662 × 242 × 195 mm
(26.0 × 9.5 × 7.7 in)

Module Weight

11.2 kg (24.7 lb)

Housing

Extruded aluminum
Black powder-coated

Lens

Clear tempered glass

Connections

Integral male/female
IP67 quick connectors

Mounting

Adjustable yoke
Single / 2 / 3-module
factory kits

Environment

Operating Temp

-40 to 50° C

Startup Temp

-20 to 50° C

Storage Temp

-40 to 80° C

Ingress Rating

IP66 — Wet Location

Impact

IK08 standard
IK10 with Wire Rock Guard

Vibration

ANSI C136.31, 3G

Humidity

0 – 95%, non-condensing

Corrosion

ASTM B117 > 1,500 hrs

Compliance

Approbation

ETL · CE

Location

Dry · Damp · Wet

Standards

ANSI C136.31
ASTM B117
IEC 60529 (IP)
IEC 62262 (IK)

RoHS

Compliant

Patent Portfolio

Protected by an 80+
patent portfolio across
US, EU, Asia

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Geometry and output.

Single-module dimensions · DMX 4.0° photometric reference.

Dimensions



All dimensions in mm. Detailed CAD drawings available on request.

Photometrics

DMX 4.0° · RGBW 3000K · provisional

Beam Angle	4.0°
Lumens	4,474 lm
Input Power	102 W
Efficacy	44.1 lm/W
Peak Candela	629,143 cd

ZONAL LUMEN SUMMARY

Zone (°)	Lumens	% Lum.
0-30	6,110.8	92.9
0-40	6,271.4	95.4
0-60	6,514.0	99.1
60-90	60.9	0.9
0-90	6,574.9	100.0

CENTER BEAM · BEAM WIDTH

Distance · fc / lx · width (cm)

1 m	49,557 / 533,432	7.0
2 m	12,133 / 130,608	14.0
3 m	5,392 / 58,048	20.9
4 m	3,033 / 32,652	27.9
5 m	1,949 / 20,987	34.9

Full IES photometric files for each variant available at arco-illumination.com or on request.

C O N T A C T

Specify Lexi.

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