

Client:

Project:

Type:

Order Code:

Quantity:

With **Linear One**, we set out to produce a series that works with your vision instead of crowding it. Acclaim Lighting continually strives for simple goals during the design process: be useful, stay out of the way, and function wonderfully. Creativity begins with great design and Linear One is streamlined to work for you. We meticulously craft linear lights that install with no visible cables and create the clutter-free space your work deserves. This means that subtlety enhances your aesthetic as Linear One remains hidden while serving as the powerhouse behind your visual creation. Refined to work with your creativity, Linear One provides end-to-end modular functionality that adapts to your needs and never works against them. Acclaim Lighting is motivated by the passion of its users and strives to produce the very best solutions in architectural lighting. We create beautiful products that work for creativity.

SPECIFICATIONS

Colors	RGBW (W=3000K), RGBW (W=4000K), RGBW (W=6000K), RGBA, DW (2200K - 5000K)
Beam Angles	10° x 10°, 30° x 30°, 60° x 60°, 100° x 100°, 10° x 25°, 10° x 40°, 10° x 60°, 30° x 60°, 40° x 70° Asymmetric (60° x 60° + 20° tilt)
Housing Lengths	1' (304.8mm), 4' (1219.2mm)
Control	0-100% dimming via internal DMX+RDM driver, wireless via optional Aria Wireless System
Max Fixtures in Series	50' (15.24m) at 120VAC, 100' (30.48M) at 230V+
Power Consumption	1': 20W, 4': 80W
Operating Voltage	100-277VAC, 50/60 Hz
Lumen Maintenance	L70 @ 150,000 hours (25° C)
Mounting	90° mounting bracket included, flat mounting bracket optional
Finish	Silver / finished aluminum, marine and natatorium environment capability standard
Material	Aluminum body - Type III hard coat anodized, polycarbonate lens
Ambient Operating Temperature	-40° F to 131° F (-40° C to 55° C)
IP Rating	IP66, wet location - marine environment housing standard
IK Rating	IK10, protection against 5 joule impact (40cm distance)
Fixture Connectors	IP66 End to end multi-pin connection cables included
Warranty	5 Years, limited
Weight	1': 2.4 lbs, 4': 9.7 lbs
Dimensions	L: 12" / 48" W: 2.12" H: 3.39" (L: 305 / 1220 W: 54 H: 86.2mm)

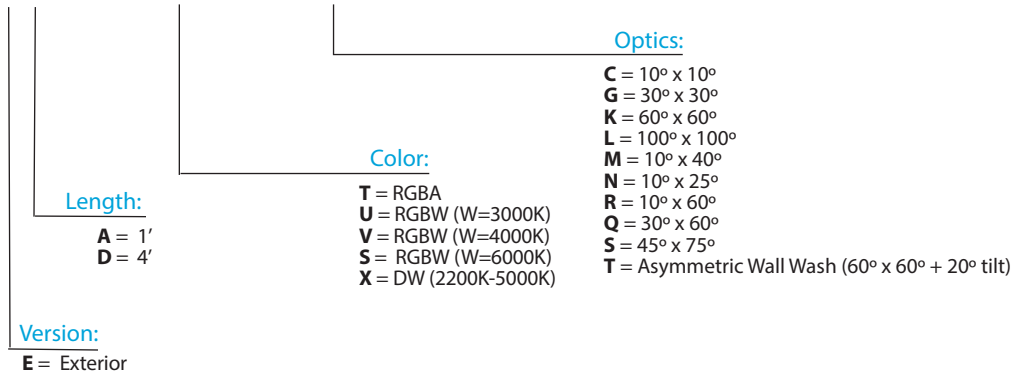
Certifications



ORDER CODES

* indicates special order with increased lead times possible

LXE# - LXC# - OPX#



RELATED COMPONENTS

Feed Cables & End Cap (required)



LNFC10

10' Feed Cable for Linear One DMX Exterior
 Multi-pin connector to bare wire AC + DMX

LNFC50

50' Feed Cable for Linear One DMX Exterior
 Multi-pin connector to bare wire AC + DMX

LXTEC

DMX Terminator End Cap for Linear One DMX Exterior
 Multi-pin end cap with 120 Ohm resistor

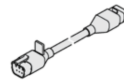
Junction Box (optional)



AJBOX1

IP66 NEC compliant high+low voltage junction box
 1/2" conduit inputs for AC + DMX, 3/4" conduit for LNFC##
 Built in AC surge protection up to 10kV & 10kA

Link Cables (optional)



LNLC0

6" Link Cable for Linear One DMX Exterior
 Multi-pin connector to multi-pin connector, use for curved runs

LNLC1

1' Link Cable for Linear One DMX Exterior
 Multi-pin connector to multi-pin connector

LNLC5

5' Link Cable for Linear One DMX Exterior
 Multi-pin connector to multi-pin connector

LNLC10

10' Link Cable for Linear One DMX Exterior
 Multi-pin connector to multi-pin connector

RELATED COMPONENTS

Optional Mounting Accessories



LNMT1

1' mounting track for Linear One

Aluminum profile, screws not included

LNMT4

4' mounting track for Linear One

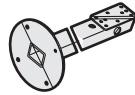
Aluminum profile, screws not included



LXFMB

Flat Mounting Bracket for Linear One DMX

2 pcs required per fixture, factory fitted option



LNEB1

1' extender bar for Linear One

Aluminum body, mounting screws included

LNEB2

2' extender bar for Linear One

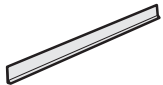
Aluminum body, mounting screws included

LNEB3

3' extender bar for Linear One

Aluminum body, mounting screws included

Optional Beam Accessories

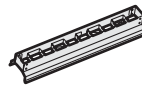


LXEGS1

1' single sided glare shield for Linear One DMX Exterior

LXEGS4

4' single sided glare shield for Linear One DMX Exterior



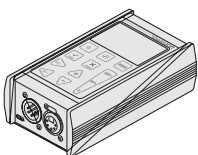
LXELV1

1' full louver for Linear One DMX Exterior

LXELV4

4' full louver for Linear One DMX Exterior

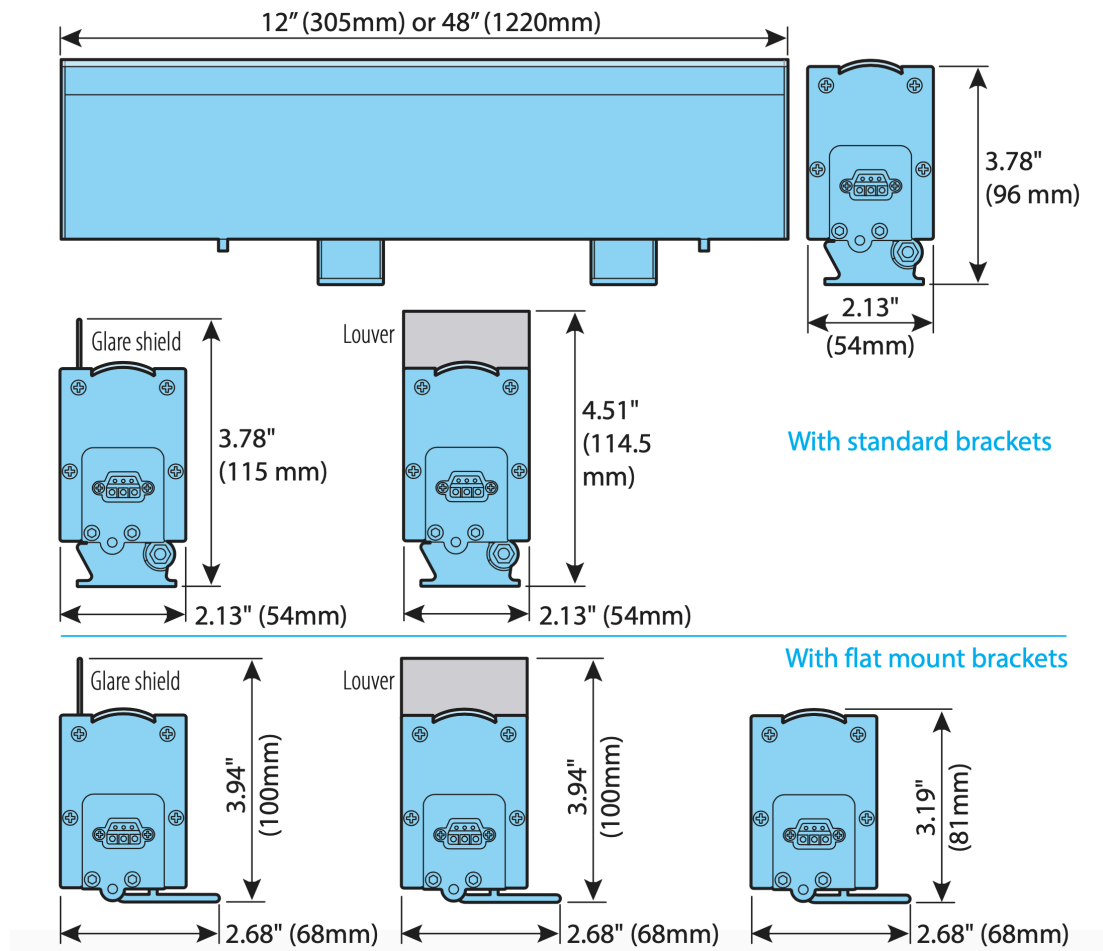
Control Accessories



XMT350

DMX + RDM Addressing and Testing Tool

DIMENSIONS



PHOTOMETRICS

30° x 30° optics

Color	Lumens(per foot)	Max Candela	Efficacy (l/pw)	CRI (white)	TM30
RGBA	Photometric testing in progress				
RGBW 3000K	451	8,637	25	-	-
RGBW 4000K	586	11,359	31	81.2	79.5
RGBW 6000K	Photometric testing in progress				
Dynamic White	760	14,372	43	80	78.4