LINEAR ONE® DMX
INTERIOR

ACCLAIM
LIGHTING

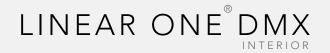| Client: |
|---|
| Project: |
| Type: |
| Order Code: |
| Quantity: |

ACCLAIM MODULAR
SYSTEMS

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	10º x 10º, 30º x 30º, 60º x 60º, 100º x 100º, 10º x 25º, 10º x 40º, 10º x 60º, 30º x 60º, 40º x 70º
	Asymmetric (60º x 60º + 20º tilt)
Housing Lengths	1' (305 mm), 4' (1219 mm)
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 (25º C)
Mounting	90º low profile mounting bracket included
Finish	Silver / finished aluminum
Material	Aluminum body, polycarbonate lens
Ambient Operating Temperature	-4º F to 113º F (-20º C to 45º C)
IP Rating	IP40, dry location
IK Rating	IK10, protection against 5 joule impact (40cm distance)
Fixture Connectors	End to end multi-pin connection cables included
Warranty	5 Years, limited
Weight	**1':** 1.6 lbs, **4':** 5.4 lbs
Dimensions	**L:** 12" / 48" **W:** 2.04" **H:** 2.28" (L: 305 / 1220 W: 52 H: 58mm)
Certifications	ETL Intertek CE

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acclaimlighting.com

SPECIFICATION SHEET 2.0.2
Specifications subject to change without notice

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ORDER CODES

* indicates special order with increased lead times possible

LXI# - LXC# - OPX#

Optics:
C = 10º x 10º
G = 30º x 30º
K = 60º x 60º
L = 100º x 100º
M = 10º x 40º
N = 10º x 25º
R = 10º x 60º
Q = 30º x 60º
S = 45º x 75º
T = Asymmetric Wall Wash (60º x 60º + 20º tilt)

Color:
T = RGBA
U = RGBW (W=3000K)
V = RGBW (W=4000K)
S = RGBW (W=6000K)
X = DW (2200K-5000K)

Length:
A = 1'
D = 4'

Version:
I = Interior

RELATED COMPONENTS

Feed Cables & End Cap (required)

LNFC10
10' Feed Cable for Linear One DMX Interior
Multi-pin connector to bare wire AC + DMX

LNFC50
50' Feed Cable for Linear One DMX Interior
Multi-pin connector to bare wire AC + DMX

LXTEC
DMX Terminator End Cap for Linear One DMX Interior
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 Interior
Multi-pin connector to multi-pin connector, use for curved runs
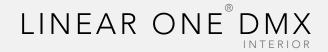
LNLC1
1' Link Cable for Linear One DMX Interior
Multi-pin connector to multi-pin connector

LNLC5
5' Link Cable for Linear One DMX Interior
Multi-pin connector to multi-pin connector

LNLC10
10' Link Cable for Linear One DMX Interior
Multi-pin connector to multi-pin connector

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RELATED COMPONENTS

Optional Mounting Accessories

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

LXIGS1
1' single sided glare shield for Linear One DMX Interior

LXIGS4
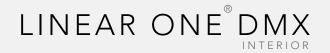*4' single sided glare shield for Linear One DMX Interior*

LXILV1
1' full louver for Linear One DMX Interior

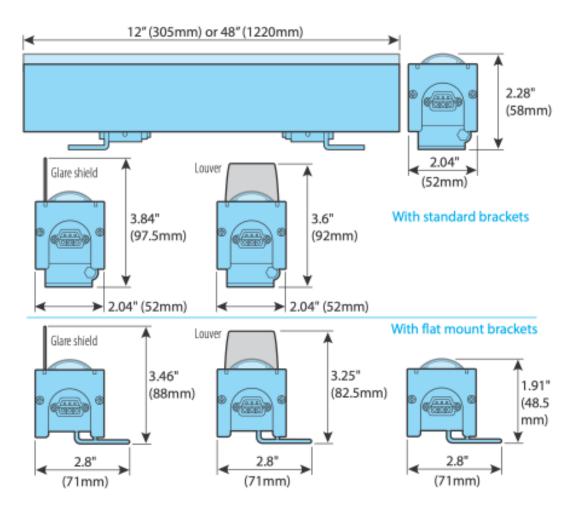**LXILV4**
4' full louver for Linear One DMX Interior

Control Accessories

XMT350
DMX + RDM Addressing and Testing Tool

DIMENSIONS

12" (305mm) or 48" (1220mm)

2.28" (58mm)

2.04" (52mm)

With standard brackets

Glare shield — 3.84" (97.5mm) — 2.04" (52mm)

Louver — 3.6" (92mm) — 2.04" (52mm)

With flat mount brackets

Glare shield — 3.46" (88mm) — 2.8" (71mm)

Louver — 3.25" (82.5mm) — 2.8" (71mm)

1.91" (48.5 mm) — 2.8" (71mm)

PHOTOMETRICS

Color	Lumens(per foot)	Max Candela	Efficacy (l/pw)	CRI (white)	TM30
RGBA	Photometric testing in progress				
RGBW 3000K	Photometric testing in progress				
RGBW 4000K	650	1,973	36	81.5	83.1
RGBW 6000K	Photometric testing in progress				
Dynamic White	Photometric testing in progress				