

LN7 RGBW

BL Arealinear

Linear LED Wall Washer
Up to 60W, 100-277VAC Line Voltage



LN7 RGBW is designed to deliver high performance exterior facade illumination with exceptional versatility. It provides beam angles and 4 fixture lengths to adapt to diverse architectural applications. Flexible mounting options allow integration, while DMX/RDM control ensures precise lighting effects. Its durable aluminum construction and IP66 rating guarantee reliable performance in demanding outdoor environments. Power and cabling options make LN7 RGBW a highly adaptable solution for creating uniform, dynamic, and visually striking wall or floor lighting.

Up to 2514lm/unit 100-277VAC 1FT, 2FT, 3FT and 4FT Length Options

| | |
|--------------|--|
| CLIENT | |
| PROJECT NAME | |
| LOCATION | |
| DATE | |

Product Detail



| | | | |
|-------------------|----------------------|---|------|
| Lighting | Lamp | TX Series | |
| | LED Qty | 7 LEDs/ft (24 LEDs/m) | |
| | Power | 20W (1FT), 30W (2FT), 45W (3FT), 60W (4FT) | |
| | Beam Angle | 20°, 25°, 35°, 20°x50° | |
| | CCT Binning | <3 SDCM | |
| | Average Life | 50,000 Hours | |
| Electrical | Controls | DMX, RDM | |
| | Input Voltage | 100-277VAC | |
| | Max Input Current | 8.75A | |
| | Max Output Current | 8.25A | |
| | Control | DMX | |
| | Max. Series (Units) | 32 | |
| | Power | 120V | 240V |
| | Max. Series (Units) | 17 | 32 |
| | Connections | 3x16AWG + 3x22AWG Wires | |
| | Power Factor | >0.9 | |
| Mechanical | Power Cord Length | 1ft (300mm), 6.56ft (2000mm), 19.69ft (6000mm) | |
| | Housing Construction | Aluminium | |
| | Weight | 4.3lb/1.95 kg (1FT), 6.06lb/2.75kg (2FT), 8.93lb /4.05kg (3FT), 10.91lb/4.95kg (4FT) | |
| | Dimensions | L: 16.14"/23.82"/35.43"/46.85" x W: 2.36" x D: 3.96" (L: 410/605/900/1190mm x W: 60mm x 100.5mm) | |
| | Mounting | Wall / Floor | |



Ordering

| Product Code | Series | Length | CCT | Beam Angle | Controls | Finish | Input Voltage | IP Rating |
|--------------|--------|--------|-------------|------------|----------|------------|---------------|-----------|
| LN7C | L | | | | | | UNI | IP66 |
| | | 1FT | RGBW(2700K) | 20° | DMX | BK = Black | | |
| | | 2FT | RGBW(3000K) | 25° | RDM | GR = Gray | | |
| | | 3FT | RGBW(4000K) | 35° | | WH = White | | |
| | | 4FT | RGBW(6500K) | 20°X50° | | | | |

BL LIGHTING ILLUMINATE EVERYTHING

111 - 8838 Heather St. Vancouver, BC, Canada. V6P 3S8
P: 1-804-874-4405 E: info@bllighting.com
Copyright © BL INNOVATIVE LIGHTING. All Rights Reserved.

Solid State Lighting is sensitive to power fluctuations. Surge protection is highly recommended for all LED lighting products and should be on a dedicated circuit to protect against premature failure. Lack of surge protection may void your warranty.

Designed & Assembled in North America.

Specifications subject to change without notice. Please refer to our website at bllighting.com for current technical data.

For more information, please download the BL LIGHTING catalog

bllighting.com



Performance

Fixture Length: 1.35ft (410mm)

| CCT/Color | | RGBW(2700K) | RGBW(3000K) | RGBW(3500K) | RGBW(4000K) |
|-----------|---------|------------------------|-------------|-------------|-------------|
| Power | W/unit | 20 | | | |
| Lumens | lm/unit | 838 (20°, RGBW 3000K) | | | |
| Efficacy | lm/W | 41.9 (20°, RGBW 3000K) | | | |

Fixture Length: 1.98ft (605mm)

| CCT/Color | | RGBW(2700K) | RGBW(3000K) | RGBW(3500K) | RGBW(4000K) |
|-----------|---------|------------------------|-------------|-------------|-------------|
| Power | W/unit | 30 | | | |
| Lumens | lm/unit | 1257 (20°, RGBW 3000K) | | | |
| Efficacy | lm/W | 41.9 (20°, RGBW 3000K) | | | |

Fixture Length: 2.95ft (900mm)

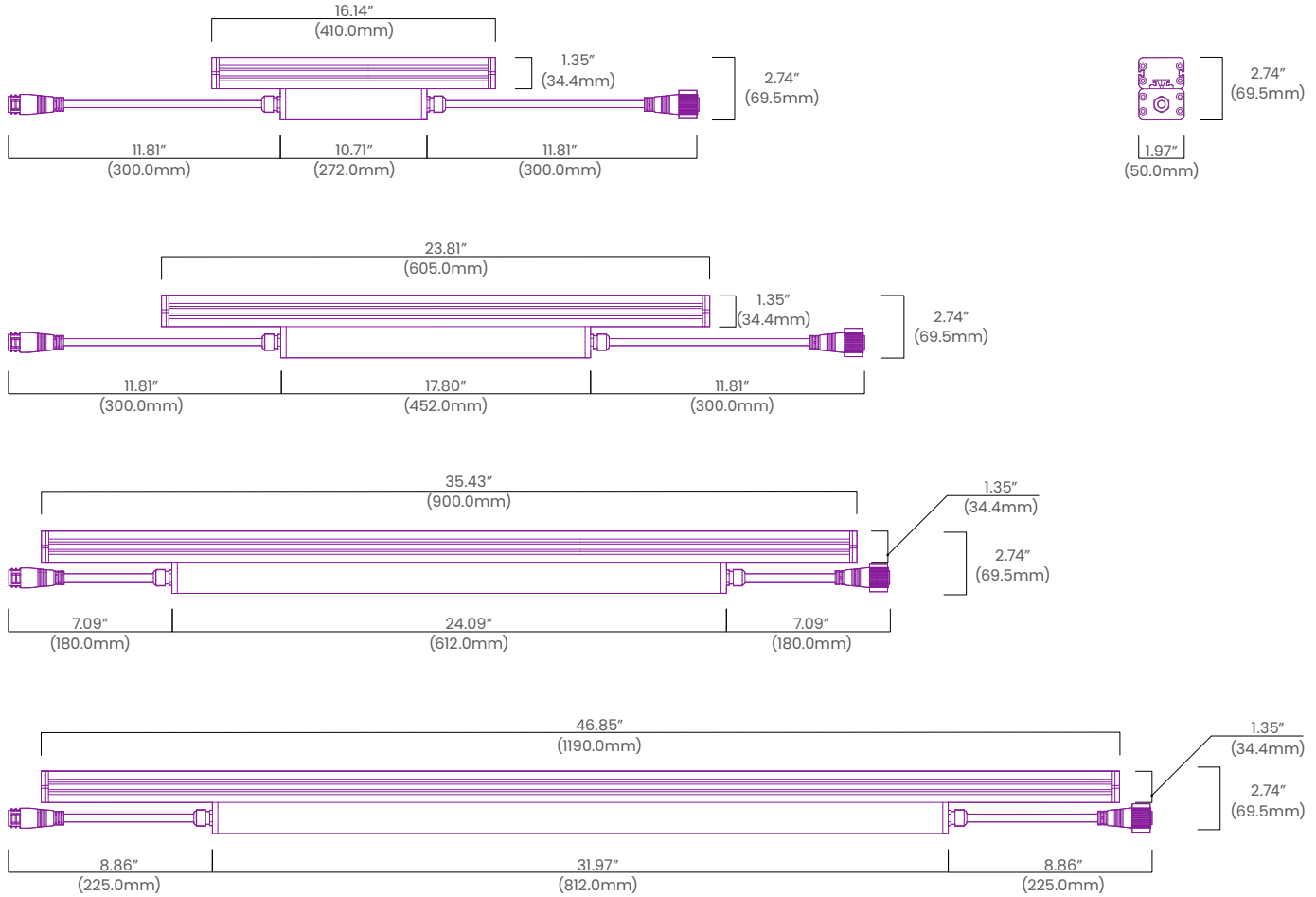
| CCT/Color | | RGBW(2700K) | RGBW(3000K) | RGBW(3500K) | RGBW(4000K) |
|-----------|---------|------------------------|-------------|-------------|-------------|
| Power | W/Unit | 45 | | | |
| Lumens | lm/unit | 1886 (20°, RGBW 3000K) | | | |
| Efficacy | lm/W | 41.9 (20°, RGBW 3000K) | | | |

Fixture Length: 3.90ft (1190mm)

| CCT/Color | | RGBW(2700K) | RGBW(3000K) | RGBW(3500K) | RGBW(4000K) |
|-----------|---------|------------------------|-------------|-------------|-------------|
| Power | W/Unit | 60 | | | |
| Lumens | lm/unit | 2514 (20°, RGBW 3000K) | | | |
| Efficacy | lm/W | 41.9 (20°, RGBW 3000K) | | | |



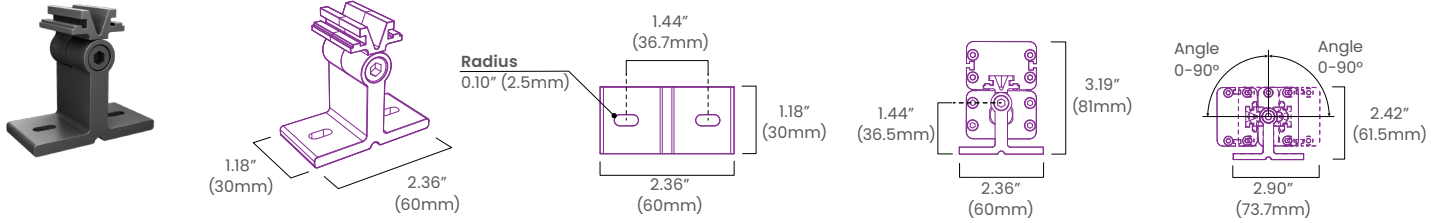
Dimensions



Mounting Accessories

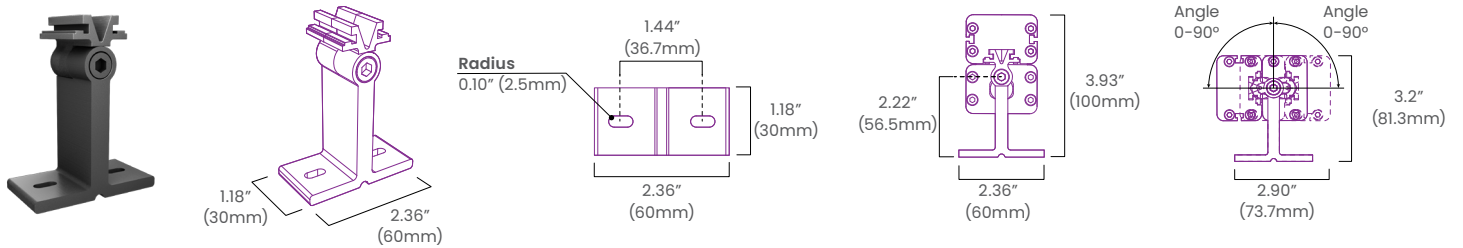
Surface Adjustable 180° Mounting Bracket (81mm)

AD180-LN7-L-MA



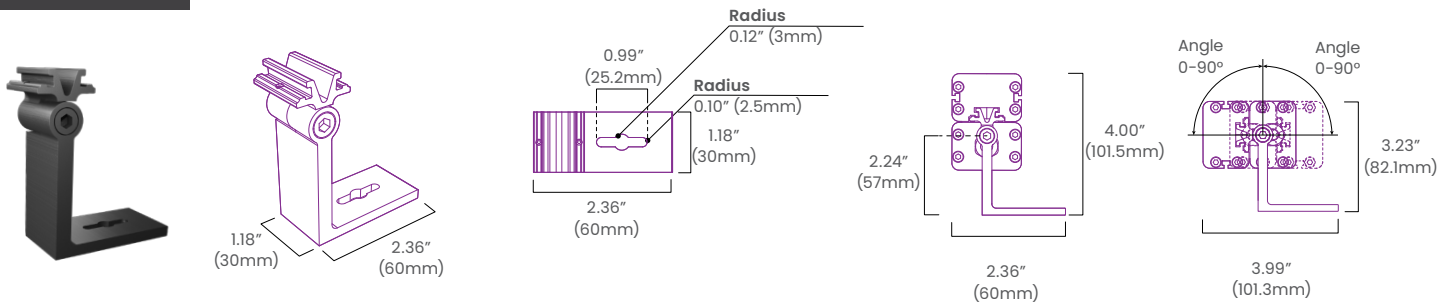
Surface Adjustable 180° Mounting Bracket (100mm)

ADL180-LN7-L-MA



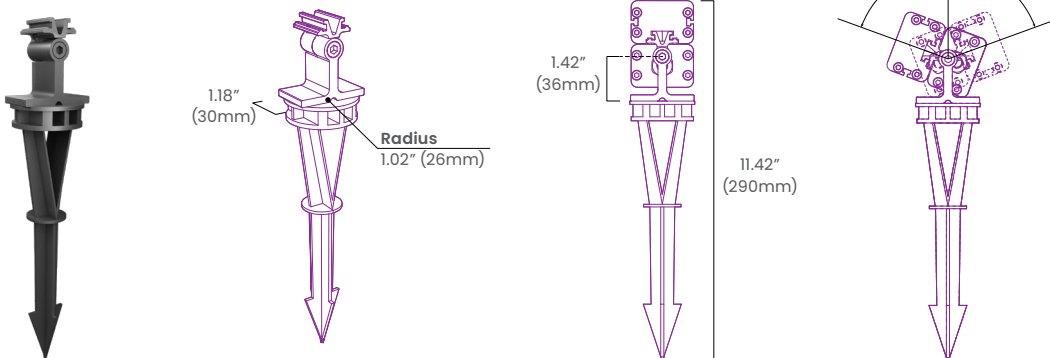
Surface Adjustable 180° L Shaped Mounting Bracket (101mm)

AD180LB-LN7-L-MA



Adjustable 180° Mounting Bracket Landscape Spike

SK180-LN7-L-MA



Mounting Accessories

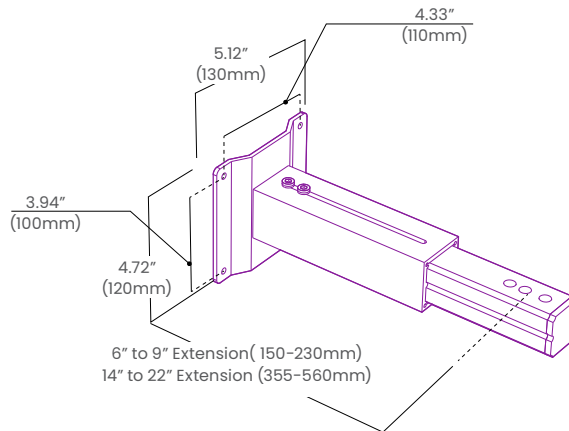
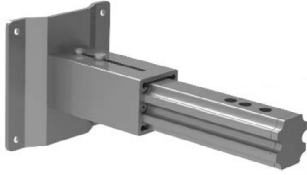
Adjustable Wall Mount Arm (2 sizes available)

ASM-LN7-L-MA

6" to 9" Extension

ALG-LN7-L-MA

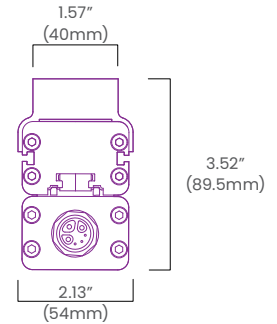
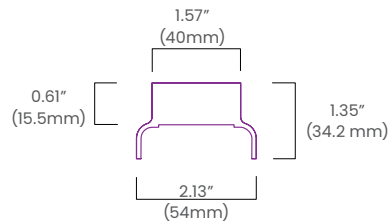
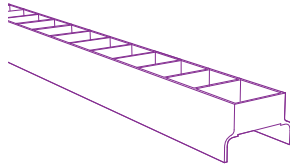
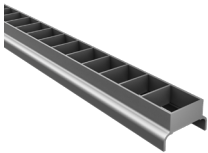
14" to 22" Extension



Anti-Glare Accessories

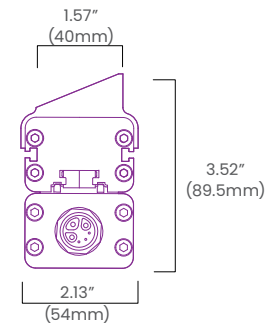
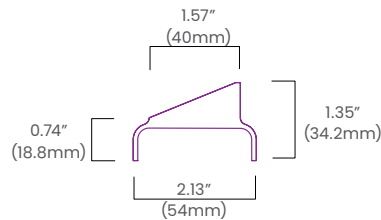
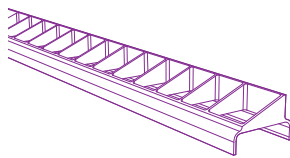
Symmetric Anti-Glare Louver

SYSD-LN7-L-AG



Asymmetric Anti-Glare Louver

AYSD-LN7-L-AG



Side Anti-Glare Shield

SSD-LN7-L-AG

