PIXEL LINE SLIM

Slim Beyond Limits. Built for More.

SPEC SHEET





Foshan YiFeng Electric Industrial Co.,Ltd.
No.898, Gaoming Avenue East, Hecheng Blvd, Gaoming District, Foshan, Guangdong, China.
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FIXTURE OVERVIEW

- Redefining strip lighting — the ACME **PIXEL LINE SLIM** combines versatility, sustainability, and effortless setup in a sleek, slim form.

- Featuring a multi-source LED array with RGB, warm white, and cool white, it delivers bold, vibrant output with high color rendering for natural, accurate color reproduction. With individual pixel control, it enables dynamic pixel mapping and eye-catching color macro effects.

- Designed for maximum flexibility, the fixture offers 0 to 180° rotation using the included floor stands. When mounted on truss, its sliding track system enables smooth positioning, while the patented clamp keeps the fixture tight to the truss for a compact rig.



- Integrating power and data into a single connector, the fixture simplifies cabling complexity, enabling faster deployment. Its built-in positioning system ensures seamless multi-fixture connections. Featuring a built-in power supply unit, the fixture allows a maximum connection load of 32 units at 240V, 50Hz, and 16 units at 100V, 60Hz. Three optional diffuser types, each available in two color options, further expand creative possibilities by softening the beam for smoother washes.

- Built with an IP66-rated housing, the fixture delivers uncompromising performance even in demanding outdoor environments. Whether used for linear lighting, footlights or architectural accents, the **PIXEL LINE SLIM** brings depth and immersive visual impact to any production.

FEATURE HIGHLIGHTS

- Light Source: 48 x 1.2W RGB/WW/CW LEDs
- Beam Angle:
  RGB: 75°
  WW:73°
  CW: 74°
- Field Angle:
  RGB: 116°
  WW:114°
  CW: 115°
- Fixture Luminous Output: 1,910 lumens
- CCT:
  2,700K (WW)
  6,500K (CW)
- CRI:
  Ra≥97 (WW)
  Ra≥95 (CW)
- Outstanding strobe effect with variable speed
- Smooth dimming 0-100% (4 user selectable dimming curves)

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FEATURE HIGHLIGHTS

- Individual pixel control and built-in color macro effects
- Built-in positioning system for combining units
- Excellent RGBW color mixing
- IP66 rated
- Max. Quantity of Connections with Built-In PSU:
  240V, 50Hz: 32 units
  100V, 60Hz: 16 units

TECHNICAL SPECIFICATIONS

Model

· Model Name: PIXEL LINE SLIM
· Model Code: SL 100 IP

Light Source

· Light Source:
48 x 1.2W RGB/WW/CW LEDs
· Life Expectancy: 20,000 hours*
*Source manufacturer specification

Photometric Data

· Fixture Luminous Output: 1,910 lumens
· CCT: 2,700K (WW) 6,500K (CW)
· CRI: Ra≥97 (WW) Ra≥95 (CW)

Optical System

· Beam Angle:
RGB: 75°
WW:73°
CW: 74°
· Field Angle:
RGB: 116°
WW:114°
CW: 115°

Control & Program

· 4 touch button control panel
· Display: LCD display
· Protocols: DMX512 (via JBOX PLUS), RDM, Art-Net, sACN
· Setting and Addressing: Display menu, RDM
· DMX Modes: 11
· DMX Channels: 14/19/24/29/39/49/69/89/129/244/249
· Firmware Upgrade: Upgrade via Ethernet

Pan & Tilt

· Tilt: 180° (with floor stands)

Color Mixing

· Excellent RGBW color mixing

Electrical

· Input Voltage Range: 100-240Vac; 50/60Hz
· Power Consumption: 50W
· Power In/Out: Hybrid connectors in/out
· Max. Quantity of Connections with Built-In PSU:
240V, 50Hz: 32 units
100V, 60Hz: 16 units

Physical

· Weight: 2.2 kg (4.8 lbs)
· Width: 1,000 mm (39.4")
· Depth: 45 mm (1.8")
· Height: 82 mm (3.2")

Construction

· Housing: Aluminum
· Color: Black
· Protection Rating: IP66

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TECHNICAL SPECIFICATIONS

Work Environment

· Maximum Ambient Temperature: 45°C
· Minimum Operating Temperature: -20°C
· Maximum Surface Temperature: 65°C

Acoustic Data

· Noise Level: 32 dB(A) @ 1 m

Installation

· Universal working position
· Horizontal: Utilizing two floor stands (supplied) and two clamps (by others)
· Horizontal Connection: Utilizing one junction bar (sold separately), the fixtures allow for multi-angle adjustment
· Floor: Utilizing two floor stands (supplied)
· Safety cable attachment point

Approvals

· CE compliant
EMC directive 2014/30/EU
LVD directive 2014/35/EU
· UKCA compliant
Electromagnetic Compatibility Regulations 2016
Electrical Equipment (Safety) Regulations 2016
· cETLus compliant compliant
UL 1573
CSA C22.2 #166

INCLUDED ITEMS

Included Items

· Digital user manual
· 2 floor stands

ORDERING INFORMATION

Optional Accessories
(With Order Code)

· Flight Case
Standard: Thirty-two-pack loader case (63584204)
North American Standard: TBD
· Clamp: C-100 (2060001693)
· Safety Cable: SW-02 (2060000200-B)
· Junction Bar: 63584478
· JBOX: 10636303020001
· JBOX Plus: 10636403020002
· Round Diffuser :
Black (3005006813), White (3005006897)
· Square Diffuser:
Black (3005006814), White (3005006895)
· Triangular Diffuser:
Black (3005006815), White (3005006896)
· Omega Bracket: 3002003003
· Omega Bracket Holder: 63584502
· Hybrid Extension Cable: 2m (3004000326)
· Waterproof Power Cable: 63584243

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ORDERING INFORMATION

Carton Dimensions

· Width: 1,110 mm (43.7")
· Depth: 440 mm (17.3")
· Height: 480 mm (18.9")
· Weight:
G.W.: 20.5 kg (45.2 lbs) (eight-pack loader carton)



C-100: 2060001693



SW-02: 2060000200-B



Junction Bar: 63584478



JBOX : 10636303020001



JBOX Plus: 10636403020002



Omega Bracket: 3002003003



Omega Bracket Holder: 63584502



Hybrid Extension Cable: 2m(3004000326)



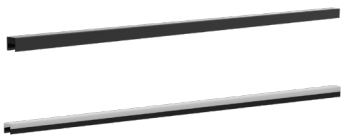
Waterproof Power Cable: 63584243



Standard: Thirty-two-pack
loader case (63584204)



Round Diffuser :
Black (3005006813), White (3005006897)



Square Diffuser:
Black (3005006814), White (3005006895)

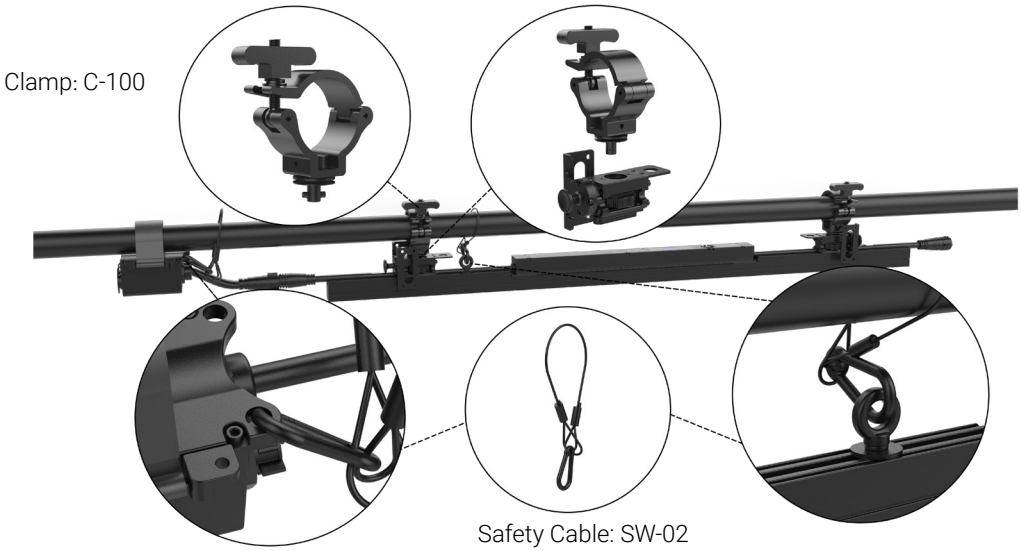


Triangular Diffuser:
Black (3005006815), White (3005006896)

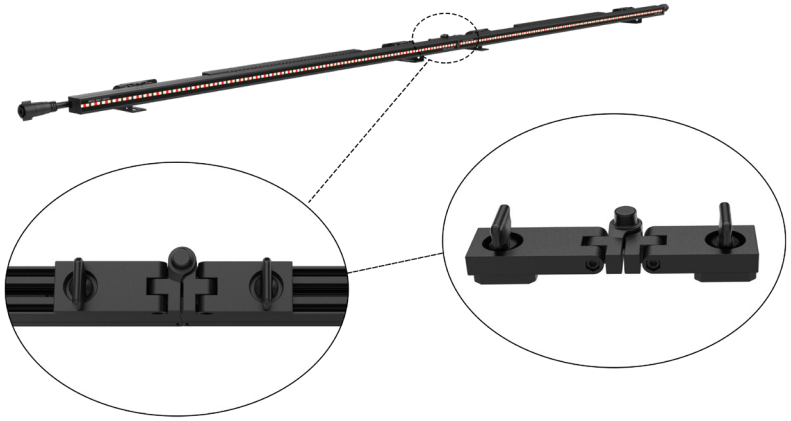
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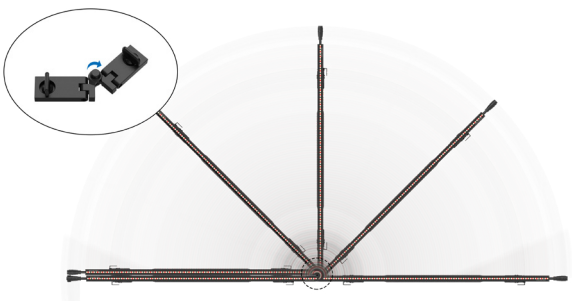
INSTALLATION DIAGRAM

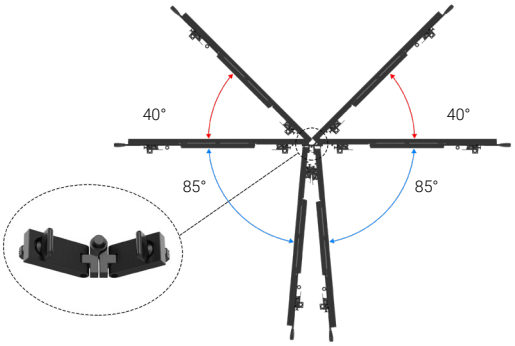
1. Horizontal: Utilizing two floor stands (supplied) and two clamps (by others)



2. Horizontal Connection: Utilizing one junction bar(sold separately), the fixtures allow adjustable angles



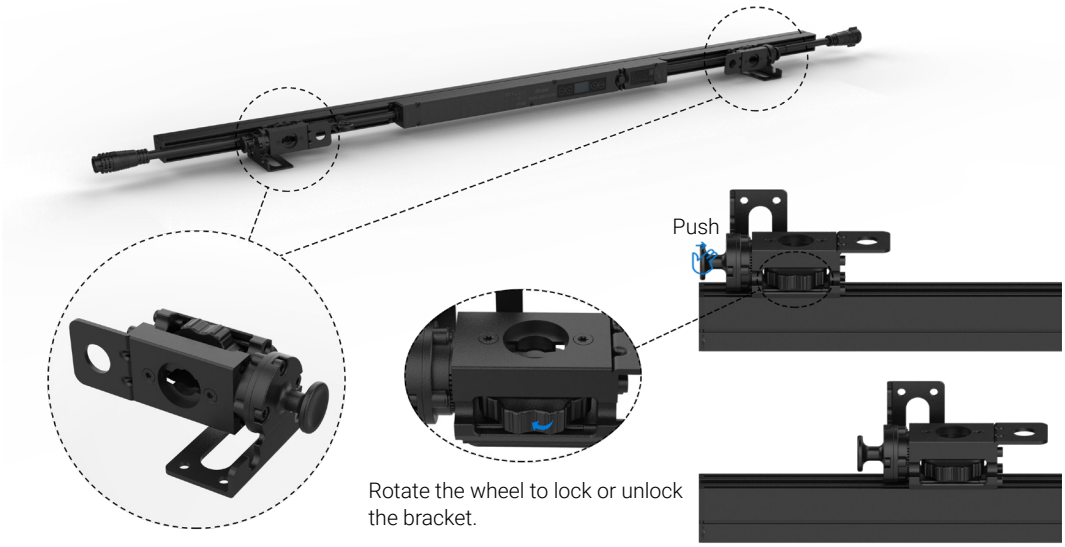




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INSTALLATION DIAGRAM

3. Floor: Utilizing two floor stands (supplied)



4. Female Omega Bracket Holder Installation

① 

Remove the side cover

② 

Insert the female omega bracket holder

③ 

Reinstall the side cover



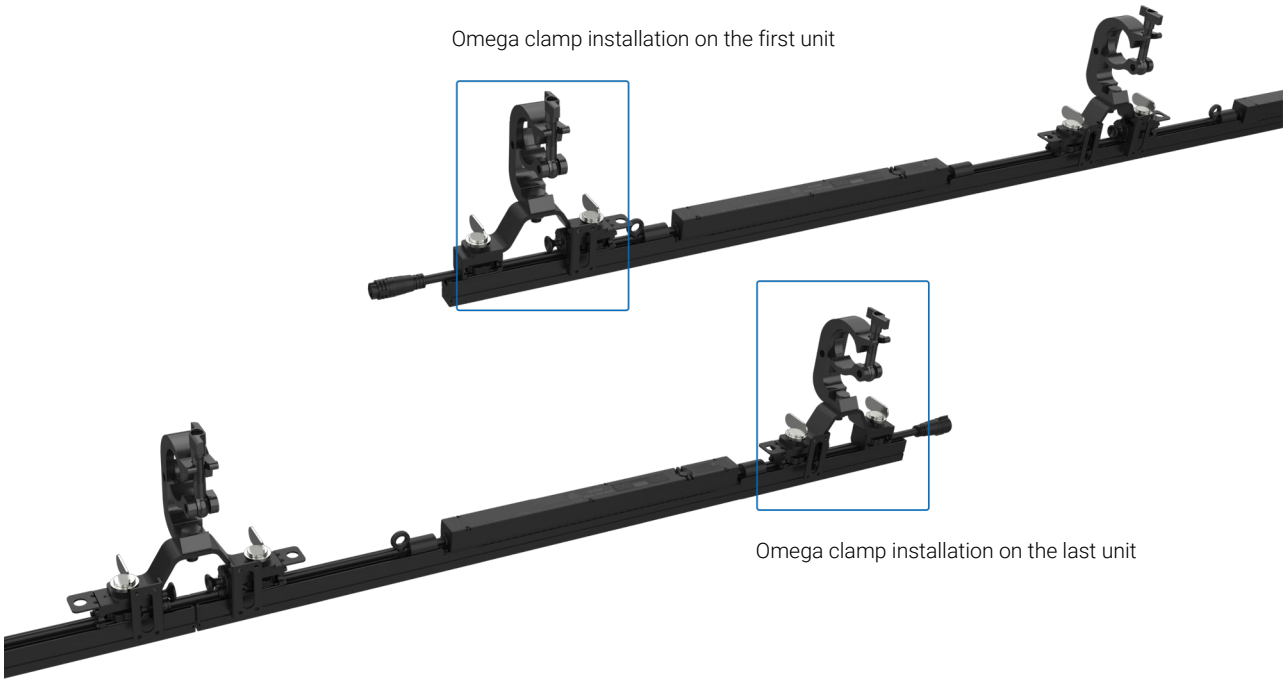
The First Unit



The Last Unit

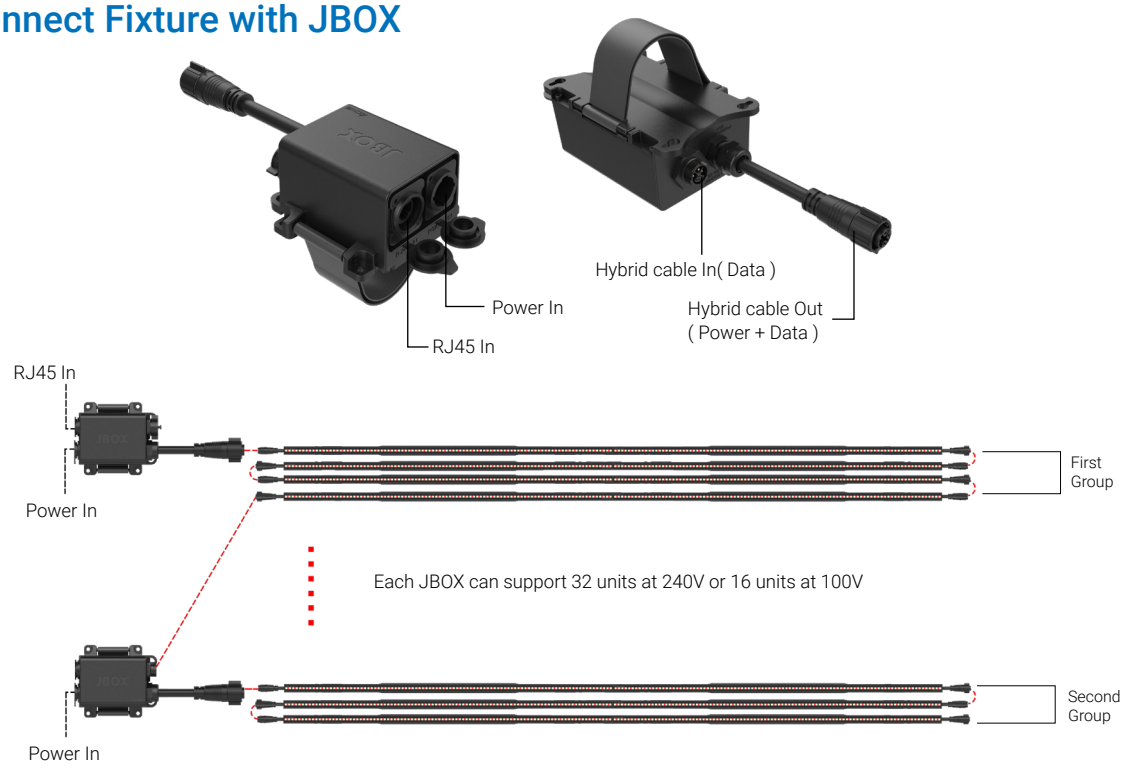
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INSTALLATION DIAGRAM



POWER & DATA CONNECTION DIAGRAM

Connect Fixture with JBOX



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CONNECTION TOPOLOGY DIAGRAM

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(STANDARD) FLIGHT CASE

APPLICABLE MODELS

- PIXEL LINE SLIM (SL 100 IP)

ORDER CODE

- 63584204 PIXEL LINE SLIM (SL 100 IP)

CASE WEIGHT

- 52 kg (114.6 lbs)

MEAS

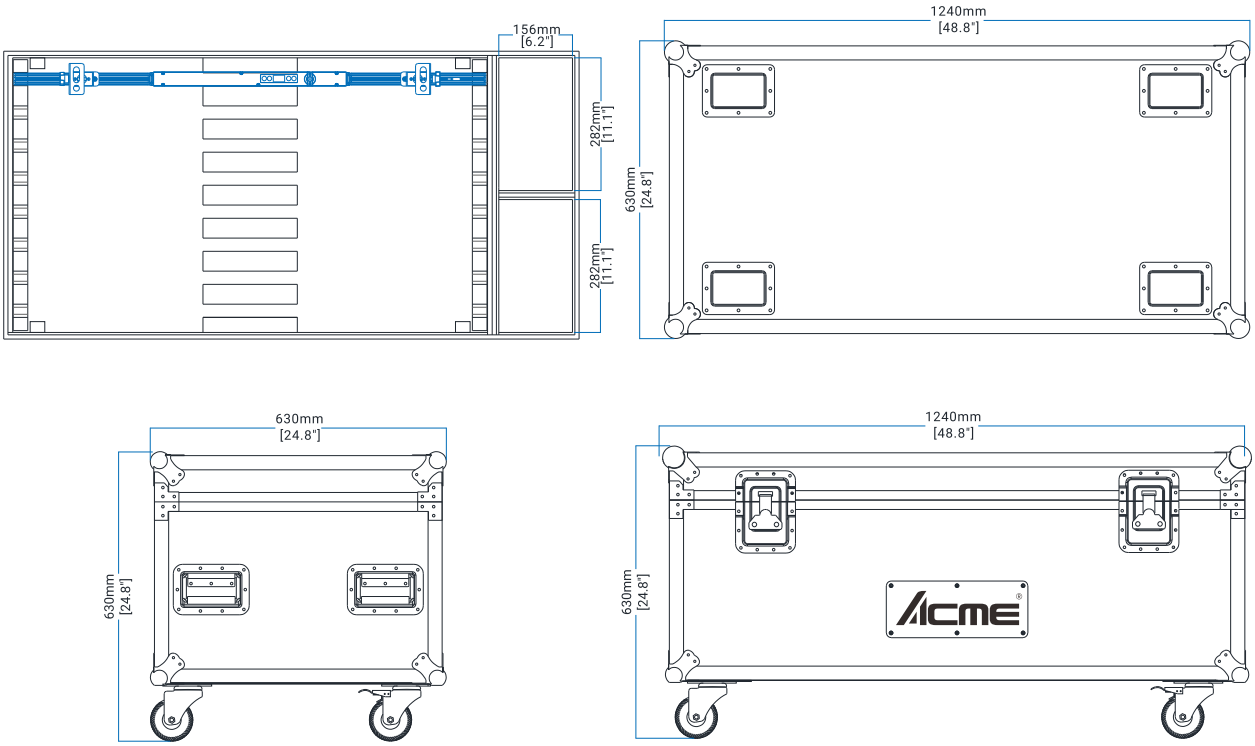
- 1,240 x 630 x 630 mm (48.8" x 24.8" x 24.8")

LOADING Q'TY

- Thirty-two-pack loader case

MAXIMUM STACKING

- 3 stacks



CASE by ACME Version: 20260403-A

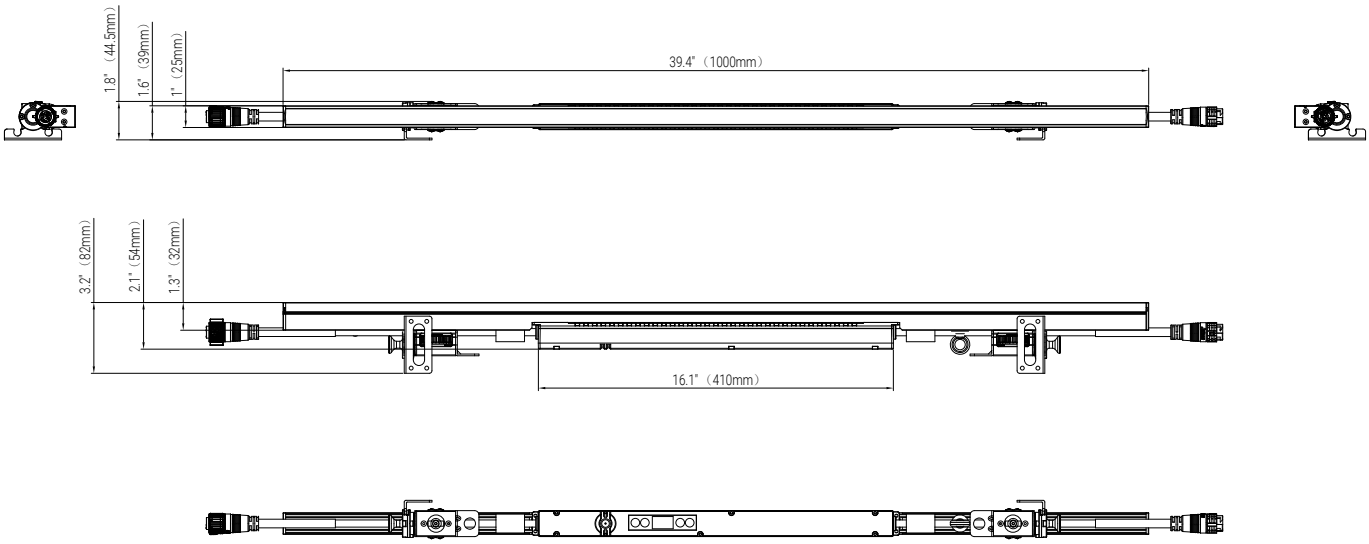
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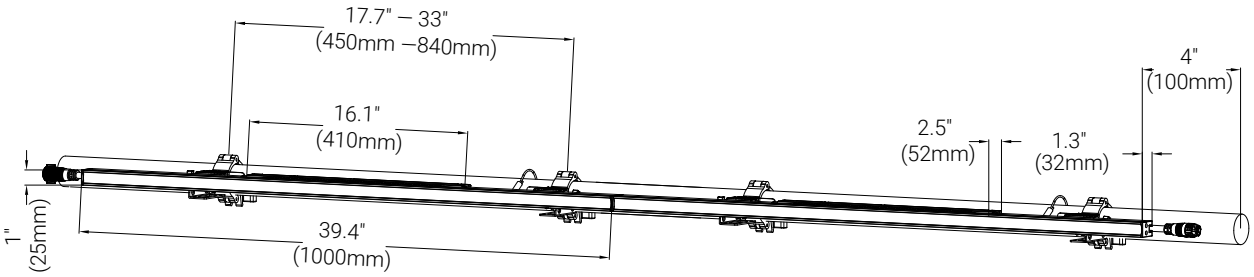
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DIMENSIONS



HANGING DIMENSIONS



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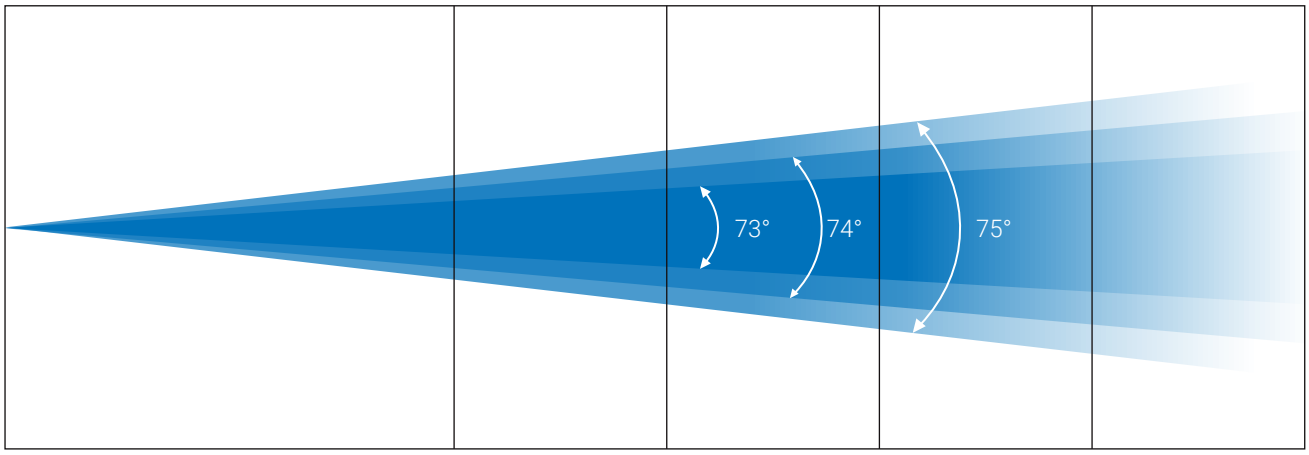
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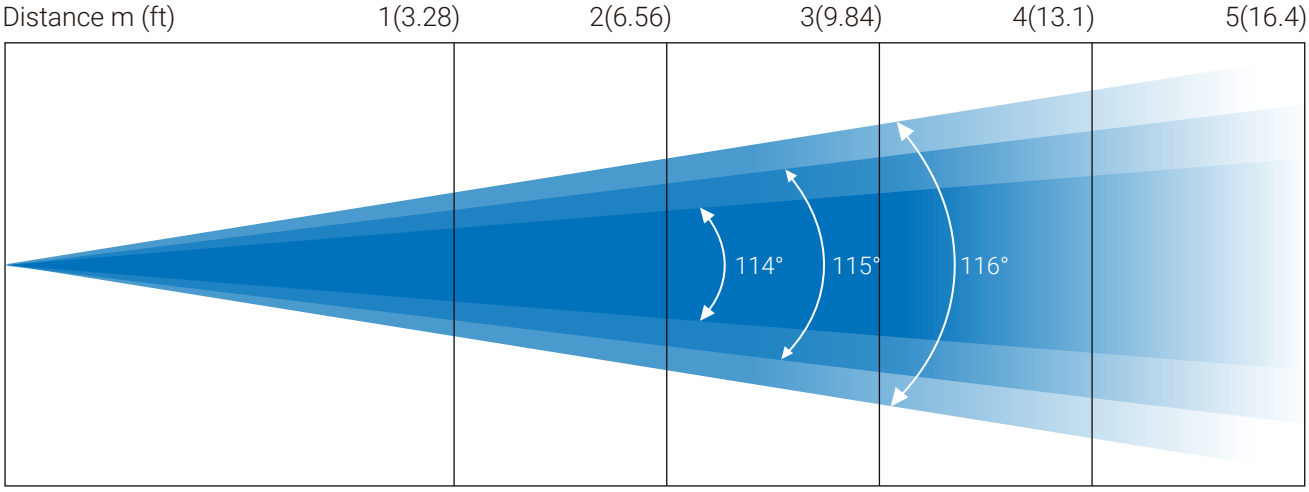
PHOTOMETRIC

Beam Angle:



75° RGB Lux	736	184	82	46	29
Diameter m (ft)	1.5(4.9)	3.0(9.8)	4.6(15.1)	6.1(20)	7.6(24.9)
73° WW Lux	794	199	88	50	32
Diameter m (ft)	1.5(4.9)	3.0(9.8)	4.5(14.8)	6.0 (19.7)	7.5(24.6)
74° CW Lux	922	231	102	58	37
Diameter m (ft)	1.5(4.9)	3.0(9.8)	4.5(14.8)	6.0 (19.7)	7.6(24.9)

Field Angle:



116° RGB Lux	736	184		46	29
Diameter m (ft)	3.2(10.5)	6.3(20.7)		12.7(41.7)	15.9(52.2)
114° WW Lux	794	199		50	32
Diameter m (ft)	3.1(10.2)	6.2(20.3)		12.4(40.7)	15.5(50.9)
115° CW Lux	922	231		58	37
Diameter m (ft)	3.1(10.2)	6.2(20.3)		12.5(41)	15.6(51.2)

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