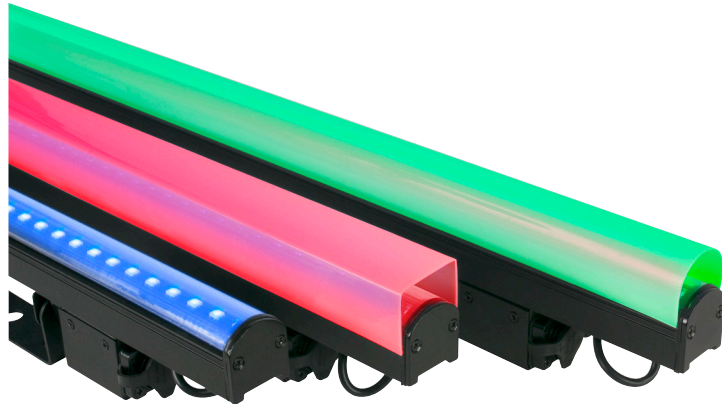


# PIXEL BAR IP SERIES



The **PIXEL BAR IP SERIES™** is an outdoor IP65 rated LED pixel bar series featuring tri-color RGB SMD LEDs with a 16mm pixel pitch, a refresh rate of 44,000Hz for flicker free operation for broadcast TV and FILM applications, and comes in 30 pixel (0.5 m / 1.6 ft), 60 pixel (1m / 3.3 ft), and 120 pixel (2m / 6.6 ft) lengths. Each pixel bar is housed in a lightweight IP65 rated aluminum housing featuring magnetic end caps which allow seamless end-to-end pixel spacing, an integrated adjustable mounting bracket, a safety cable loop, and includes square and rounded frosted lens attachments.

Easy and versatile control options are handled by the Pixel Driver 4000™ (sold separately) which provides simple dimming and strobe control via on-board manual or 3 channel DMX-512, and full pixel mapping control of up to 4,080 max pixels via Kling-Net and up to 680 max pixels via Art-Net and sACN (streaming ACN) protocols. Power and data are supplied via proprietary IP rated 4pin combo cables (sold separately) which are available in lengths from 2 to 50 meters.



## FEATURES

### Outdoor IP65 Rated

**Pixel Bar 30IP - (30) 0.2W RGB SMD LEDs | 0.5m / 1.6ft**

**Pixel Bar 60IP - (60) 0.2W RGB SMD LEDs | 1m / 3.3 ft**

**Pixel Bar 120IP - (120) 0.2W RGB SMD LEDs | 2m / 6.6 ft**

**16mm Pixel Pitch | 44,000Hz PWM**

**Flicker Free Operation for Broadcast TV and FILM**

**Magnetic End Caps - Seamless End-to-End Spacing**

**Integrated Adjustable Mounting Brackets**

**Square and Rounded Frosted Lens Included**

**Proprietary IP Rated Power/Data Combo Cables**

**(Available in 2, 3, 5, 10, 12, 15, 20, 30, 50, meter lengths)**



**Magnetic End Caps - Seamless End-to-End Spacing**

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**PRODUCT SPECIFICATIONS**

**SOURCE**

**PIXEL BAR 30IP** - 30 0.2W RGB SMD LEDs  
**PIXEL BAR 60IP** - 0.2W RGB SMD 60 LEDs  
**PIXEL BAR 120IP** - 0.2W RGB SMD 120 LEDs  
 50,000 Hour Average LED Life\*

\*May vary depending on several factors including but not limited to:  
 Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control and Dimming.

**PHOTOMETRIC DATA**

16mm Pixel Pitch | 44,000Hz PWM

**PIXEL BAR 30IP**

133° Beam, 160° Field, 46+ Total Output Lumens

**PIXEL BAR 60IP**

146° Beam, 167° Field, 80+ Total Output Lumens

**PIXEL BAR 120IP**

150° Beam, 170° Field, 169+ Total Output Lumens

**COLOR**

RGB

**CONTROL / CONNECTIONS**

4pin Power/Data In/Out

**SIZE / WEIGHT**

**PIXEL BAR 30IP - 1.6 foot (0.5m)**

Length: 19.2" (488mm)  
 Width: 1.3" (34mm)  
 Height: 3.3" (83mm)  
 Weight: 1.5 lbs. (0.7kg)

**PIXEL BAR 60IP - 3.37 foot (1m)**

Length: 38.0" (967mm)  
 Width: 1.3" (34mm)  
 Height: 3.3" (83mm)  
 Weight: 2.6 lbs. (1.2kg)

**PIXEL BAR 120IP - 6.6 foot (2m)**

Length: 75.9" (1928mm)  
 Width: 1.3" (34mm)  
 Height: 3.3" (83mm)  
 Weight: 4.4 lbs. (2.0kg)

**ELECTRICAL / THERMAL**

AC 100-240V - 50/60Hz  
 5°F to 113°F (-15°C to 45°C)  
 Multiple Unit Power Linking

**PIXEL BAR 30IP** - 2W Max Power Consumption

**PIXEL BAR 60IP** - 12W Max Power Consumption

**PIXEL BAR 120IP** - 24W Max Power Consumption

**INCLUDED ITEMS - PIXEL BARS**

2 ft. (0.6m) 4pin 16AWG Power/Data Jumper Cable  
 Square Frost Lens  
 Rounded Frost Lens

**INCLUDED ITEMS - PIXEL DRIVER 4000**

19-inch (483mm) Rack Mount Kit  
 5.6 ft. (1.7m) 18AWG Power Cable  
 9.25 ft. (2.8m) 4pin 16AWG Power/Data Cable

**APPROVALS / RATINGS**



**ORDERING INFORMATION**

PIX200	PIXEL BAR 30IP
PIX225	PIXEL BAR 60IP
PIX253	PIXEL BAR 120IP
PIX277	PIXEL DRIVER 4000
PIX300	PIXEL BC2 - 2 ft (0.6m) IP65 Rated 4pin 16AWG Shielded Power/Data Cable
PIX313	PIXEL BC3 - 3 ft (1m) IP65 Rated 4pin 16AWG Shielded Power/Data Cable
PIX326	PIXEL BC5 - 5 ft (1.5m) IP65 Rated 4pin 16AWG Shielded Power/Data Cable
PIX339	PIXEL BC10 - 10 ft (3m) IP65 Rated 4pin 16AWG Shielded Power/Data Cable
PIX352	PIXEL BC12 - 12 ft (3.5m) IP65 Rated 4pin 16AWG Shielded Power/Data Cable
PIX365	PIXEL BC15 - 15 ft (4.5m) IP65 Rated 4pin 16AWG Shielded Power/Data Cable
PIX378	PIXEL BC20 - 20 ft (6m) IP65 Rated 4pin 16AWG Shielded Power/Data Cable
PIX391	PIXEL BC25 - 25 ft (7.5m) IP65 Rated 4pin 16AWG Shielded Power/Data Cable
PIX411	PIXEL BC30 - 30 ft (9m) IP65 Rated 4pin 16AWG Shielded Power/Data Cable
PIX424	PIXEL BC50 - 50 ft (15m) IP65 Rated 4pin 16AWG Shielded Power/Data Cable
PIX450	PIXEL BMCC - PIXEL BAR IP Male Cable Connector
PIX463	PIXEL BFMCC - PIXEL BAR IP Female Cable Connector
PIX452	PIXEL B30CL - Replacement Clear Lens for PIXEL BAR 30IP
PIX462	PIXEL B30RFL - Rounded Frost Lens for PIXEL BAR 30IP
PIX471	PIXEL B30SFL - Square Frost Lens for PIXEL BAR 30IP
PIX483	PIXEL B60CL - Replacement Clear Lens for PIXEL BAR 60IP
PIX494	PIXEL B60RFL - Rounded Frost Lens for PIXEL BAR 60IP
PIX502	PIXEL B60SFL - Square Frost Lens for PIXEL BAR 60IP
PIX515	PIXEL B120CL - Replacement Clear Lens for PIXEL BAR 120IP
PIX526	PIXEL B120RFL - Rounded Frost Lens for PIXEL BAR 120IP
PIX537	PIXEL B120SFL - Square Frost Lens for PIXEL BAR 120IP

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