JW LED

BA Series - BA22
2'x2' Commercial/Industrial Grade High-Bay
13,000-28,000 Lumens

Product Description
The BA Series 2'×2' fixture delivers precision-engineered illumination across expansive spaces with its wide 120-degree distribution angle, making it the optimal choice for applications demanding broad coverage. Engineered for mid to high ceilings, this versatile LED offers multiple lumen packages and mounting configurations to suit diverse project requirements. Its robust thermal management system ensures unwavering performance in demanding environments, accommodating installation heights from 16 to 35 feet. Handcrafted with pride in Ontario, Canada, it's the reliable lighting solution for your most demanding projects.

Application
This unit excels in industrial, commercial, and agricultural environments including metal fabricating facilities, woodworking shops, storage buildings, warehouses, drive sheds, farm shops, grocery stores, retail spaces, aircraft hangars, hockey rinks, hobby shops, and countless other applications.

Features
• Configurations delivering over 160 lm/W.
• Ultra-slim 1.75" profile designed for tight-fit applications.
• Standard 0-10V dimming provides precise lighting control.
• High-performance LED boards manufactured in-house.

Options
• Wide range of lumen outputs to meet diverse requirements.
• Variety of motion sensors and control options available.
• Customizable color temperature & CRI values for optimal lighting.
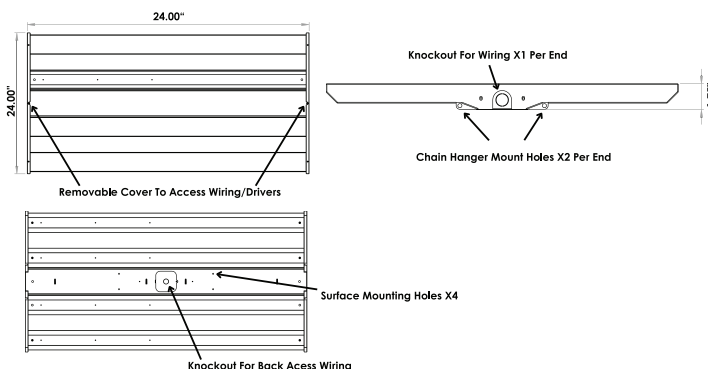• Pre-wired whips enable quick, efficient installation.

Mounting
• Surface - mounts directly to any ceiling or wall.
• Suspension - chain hangers available as additional option.

Approved for use in Canada and USA, QPS certified. Includes standard 5-year warranty—view our warranty policy for complete details.

Shown with optional hangers

24.00"
24.00"
1.75"
Knockout For Wiring X1 Per End
Chain Hanger Mount Holes X2 Per End
Removable Cover To Access Wiring/Drivers
Surface Mounting Holes X4
Knockout For Back Acess Wiring

DIMMABLE | C PS US Certified | EFFICIENT ENERGY EFFICIENT | 5 YEAR WARRANTY | MADE IN CANADA

Ordering Guide   Example:BA22-8C50K195L-UNVD1NW-NLSM

CRI	CCT	Lumens		Voltage	Driver	0-10V Wiring		Lens	Mounting	Options
8C 80 **9C** 90	**30K** 3000K **40K** 4000K **50K** 5000K **65K** 6500K	**280L** 28,000 **260L** 26,000 **240L** 24,000 **195L** 19,500 **160L** 16,000 **130L** 13,000		**UNV** 120-277V **347** 347V	**D1** 0-10V 1%	**NW** Not Wired for DIM **PW** Pre-Wired for DIM		**NL** No Lens **FS** Frosted Smooth	**SM** Surface Mount **CH** Chain Hanger Hooks	**Blank** None **RTP** Retail Packaging **CD3** 3' Whip Pre-Wired (Black) **MS5** Motion Sensor for Aisleway **MS4** Motion Sensor for 360°

For individual accessory ordering, please see BA accessory page.

SCAN FOR TECHNICAL AND IES FILES

Specification Chart

Lumens	Watts	No Lens	Frosted Lens	Color	CRI
28,000	168	28,320	25,488	5000K	80
26,000	154	26,075	23,468	5000K	80
24,000	150	25,500	22,950	5000K	80
19,500	114	19,500	17,550	5000K	80
16,000	94	16,168	14,551	5000K	80
13,000	76	13,072	11,765	5000K	80

Testing based on 25°C ambient temperature. Nominal calculations—actual outputs may vary based on product configurations. We reserve the right to correct printing errors or mistakes in our specifications.

BA Series Accessories

Flush Mount Occupancy Sensor, 120-277V
Order Code: CTL0004

Programmable 360° flush mount sensor designed for the BA Series. Provides reliable motion detection at mounting heights from 10–40 feet, ensuring full-room coverage and energy savings. Ideal for Agricultural, industrial, and commercial spaces.

Flush Mount Occupancy Sensor, 347V
Order Code: CTL0009

Programmable 360° flush mount sensor designed for the BA Series. Provides reliable motion detection at mounting heights from 10–40 feet, ensuring full-room coverage and energy savings. Ideal for Agricultural, industrial, and commercial spaces.

Chain Mount Hook For BA-Series Fixtures
Order Code: HDW0001

Easy mount chain hanger hook for BA-Series fixtures Attach the hooks to the fixture and then connect your chain Two hooks are required per BA Series fixture.

BA12 & BA22 Accessories

BA Series, 2 Foot Lid With Sensor Cutout
Order Code: CVR0001

Specifically designed for 2-foot BA-Series models, this replacement lid is required when installing the flush mount occupancy sensor. Ensures a secure fit and proper functionality.

2 Foot Frosted Smooth Acrylic Lens
Order Code: LNS0009

Frosted diffusers help reduce the sharpness of the LED's. They can be removed or applied any time with a simple click in design. Sold in single units, 1 lens per LED strip is required in all BA Series models.

BA14 & BA24 Accessories

BA Series, 4 Foot Lid With Sensor Cutout
Order Code: CVR0002

Specifically designed for 4-foot BA-Series models, this replacement lid is required when installing the flush mount occupancy sensor. Ensures a secure fit and proper functionality.

4 Foot Frosted Smooth Acrylic Lens
Order Code: LNS0008

Frosted diffusers help reduce the sharpness of the LED's. They can be removed or applied any time with a simple click in design. Sold in single units, 1 lens per LED strip is required in all BA and SP Series models