

EP2

EcoPlane 2 Linear High Bay

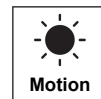
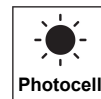
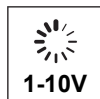
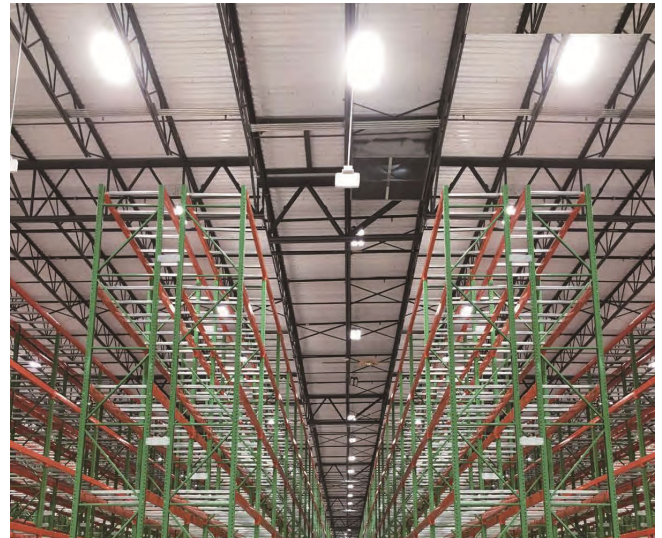
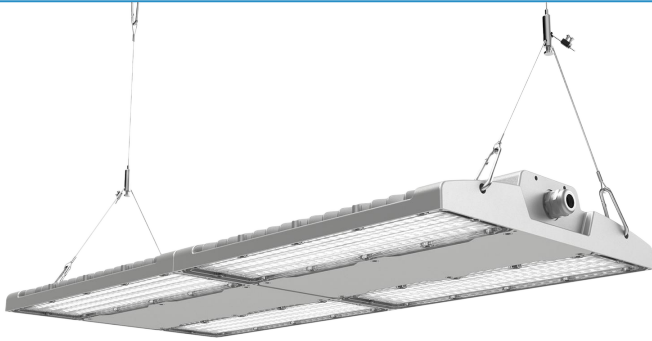
Project Details

Project

Type

Prepared By

Date



Features & Performance

The EP2 Linear High Bay delivers powerful illumination with up to 180LM/W efficiency, perfect for both indoor & outdoor use (IP66 rated).

Fully customizable with smart features for maximum savings: motion sensors (PIR & Microwave), photocell, DALI dimming control, emergency function – stay lit during outages. Ball tested for athletic center use.

More Key Features:

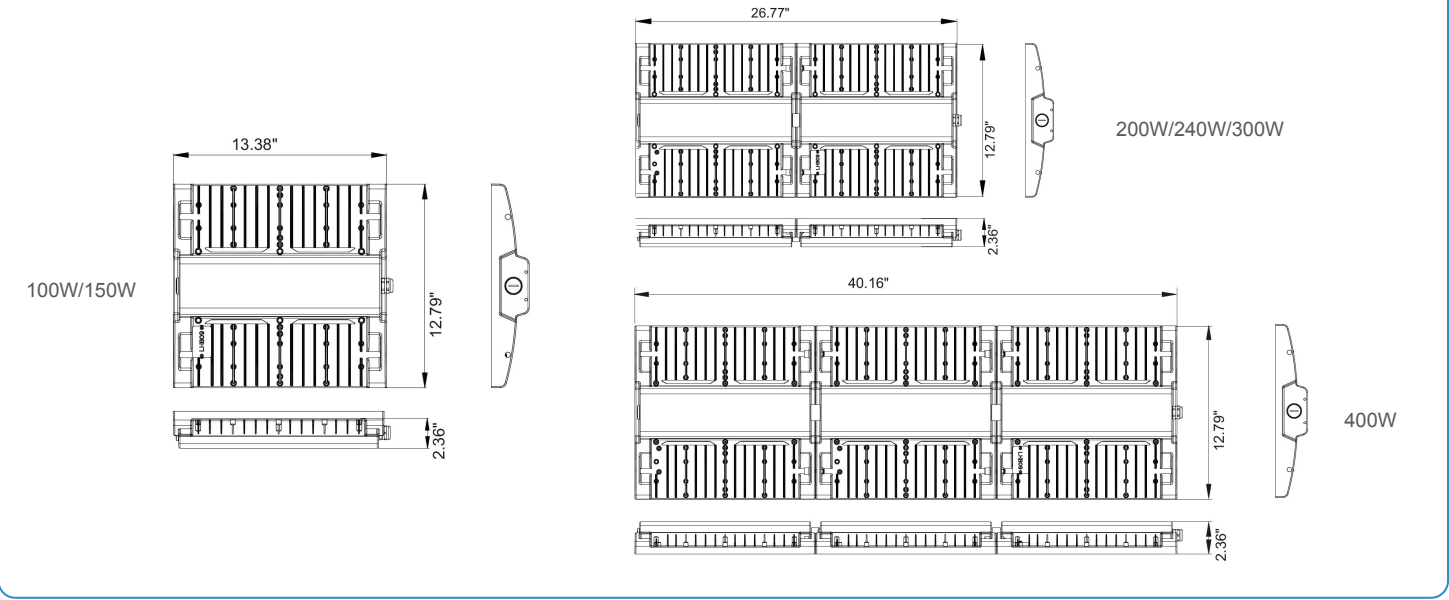
- Anti-glare grille lens for comfortable light
- Wire guard for added durability

Lumen Output:	Up to 72,000 Lumens
Wattage:	100-400W
Efficiency:	Up to 180 Lumens/Watt
CRI:	>80
Operating Temperature:	-22° to 122°F
IP Rating:	IP66 & IK10
Dimming:	1-10V Dimmable
Life Expectancy:	>50,000 Hours

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Dimensions



Performance Data

Higher efficiency versions available up to 180lm/W

Model	Wattage Selectable	Nominal CCT	CCT Selectable	LPW	Lumens	Watts	CRI
BLEP2-100W	No	5000K	Yes	160lm/W	16,000lm	100W	>80Ra
		4000K					
BLEP2-150W		5000K			24,000lm	150W	
		4000K					
BLEP2-200W		5000K			32,000lm	200W	
		4000K					
BLEP2-240W		5000K			38,400lm	240W	
		4000K					
BLEP2-300W		5000K			48,000lm	300W	
		4000K					
BLEP2-400W		5000K			64,000lm	400W	
		4000K					

Technical Specifications

Lumen Options

Light Output Options:
100W/150W/200W/240W/300W/400W
Field Adjustable Color Temperature:
4000K/5000K

Compliance

ETL Listed:
Product has been tested for safety and performance standards, and it complies with the necessary regulations and codes.

Construction

Materials:
Made from Aluminum Alloy.
Finish:
Standard color Silver. Powder coated.
Ambient Temperature:
-22°F(-30°C) to 122°F(50°C)

Electrical

Dimming Driver:
1-10v dimmable driver
Input Voltage:
AC120-277V/277-480V
Surge Protection:
L/N-PE: 10kV
L-N: 6kV

Optics

CRI:
>80Ra Standard
Lens:
Polycarbonate lens, Strip or Dotted.

Weight & Packaging

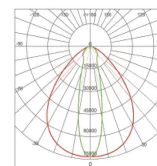
Luminaire Net Weight:
7.72±0.66Lbs - 23.59±0.66Lbs
Carton Size:
16.54x15.16x5.31" - 43.31x15.16x5.31"
Gross Weight:
9.26±0.66Lbs - 25.68±0.66Lbs

Warranty

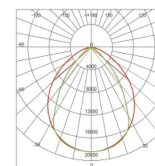
5-year limited warranty. Complete warranty terms are located at
www.bluecoltlighting.com/warranty

Photometrics

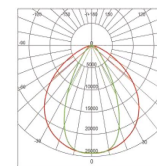
Strip Optical Lens



25°x85°

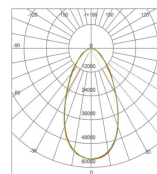


80°x100°

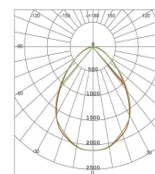


60°x100°

Dotted Optical Lens



60°



90°

Order Guide

PRODUCT TYPE	WATTS	CCT	BEAM ANGLE	MOUNTING	OPTIONS
BLEP2 = Bluecolt Lighting EcoPlane2	100W 150W 200W 240W 300W 400W	2CCT= (4000K/ 5000K) Selectable) 4K = 4,000K 5K = 5,000K	Strip Optical Lens S25D = 25° x 85° S60D = 60° x 100° S80D = 80° x 100° Dotted Optical Lens 60D = 60° 90D = 90°	CM = Cable Mounted BM = Bracket Mounted RB = ±60° Rotatable Bracket	PC = Photocell MS = Motion Sensor HE160 = 160lm/W HE180 = 180lm/W EM = Emergency Battery Backup 90CRI = Ra > 90 HV = High Voltage Driver (277-480VAC)
NOTES					
Standard Efficiency 140lm/W. High Voltage and additional configurations available upon request. Contact clients@bluecoltlighting.com for questions or additional customization options.					
SAMPLE ITEM#	BLEP2-200W-2CCT-S80D-CM-EM				