

# DATA SHEET: LED SLIM LINEAR HIGH BAY TYPE A

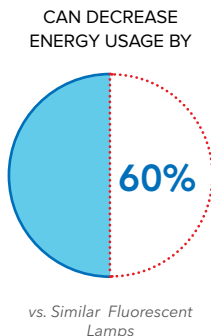
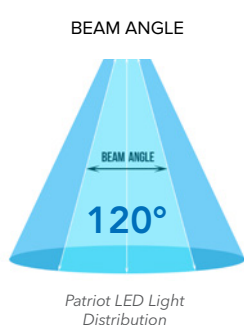
Patriot LED Linear High Bay is the perfect solution for commercial lighting needs in garages, warehouses, gyms, manufacturing space, and large retail spaces. With an enclosed power Supply and covered optics, these light fixtures are designed for durability in commercial or industrial applications. They are designed to save energy and lower maintenance costs.

The LED light engine inside this fixture uses 30% less power to produce the same amount of light as a fluorescent fixture. This is a low maintenance solution that eliminates the need to replace power supplies and light bulbs because the light source is integrated in the fixture. Because it's LED, you will never hear the hum that fluorescent fixtures make.

Our Slim LED Linear High Bay commercial fixtures are BAA Compliant and built with LED chips that last for 100,000 hours of continuous using. Fixtures are UL listed and IC rated for contact with insulation and can be installed in damp locations, and they come with a 5 year warranty (10 year optional). These high bays are UL rated for damp locations. They are DLC listed to qualify for commercial lighting rebates and special incentives in certain areas.

## PRODUCT BENEFITS

- Easy and secure installation
- End to end mounting and wiring
- Seamless surface mounting applications
- Uniformity lighting distribution
- Easy surface mounted installation
- High lumens efficiency and high CRI
- Environmentally friendly with no mercury
- Efficiency: 130 lumens/Watt
- Luminous Flux: 10,400 LM
- Input Voltage: AC100-277V/AC200-480V
- PC cover: Frosted or without lens
- Power Factor: More than 99
- Certificates: cUL, UL
- Can be dimmable
- Rated Life: 100,000 hrs.
- Limited Warranty: 5 year (10yrs optional).



## ORDERING MODEL

HOUSING TYPE	WATTAGE	XYZ
PT-GHx	60W, 80W, 110W, 160W, 165W, 220W, 225W	X=Dimmable/Non Dimmable Y=CCT, 27=2700K... Z=F or C, denotes frosted diffuser or clear diffuser
Product Code: example		
PT-GH2-80W XYZ		

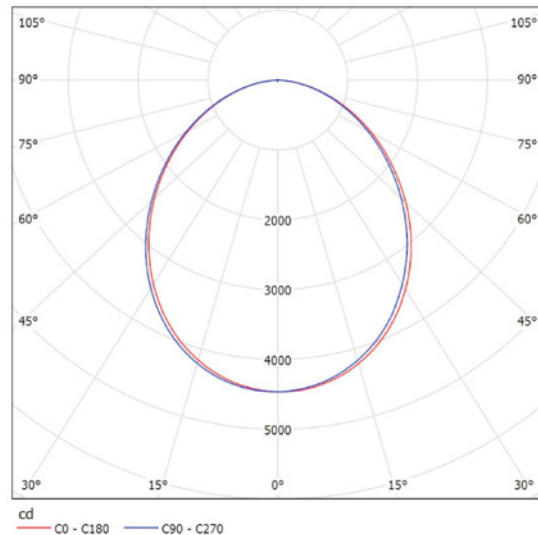
# DATA SHEET: LED SLIM LINEAR HIGH BAY (TYPE A)

## PRODUCT SPECIFICATION

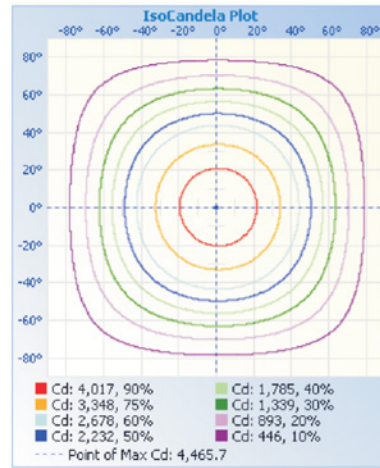
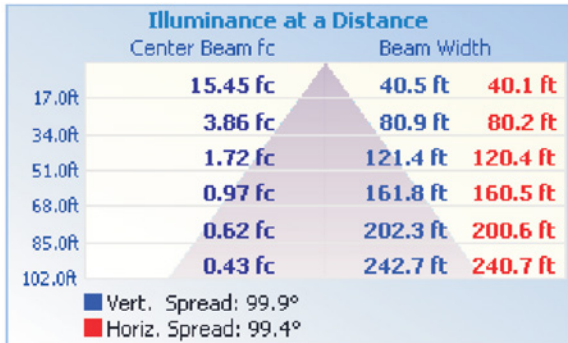
Product No.	BAA/TAA Option*	Wattage (W)	Dimensions (mm)	Input Voltage	Color Temp (K)	Rated Lumens	Rated Efficacy (LPW)	CRI	B.A	Rated Life (Hours)	Operating Temp. (°F)	PW	Dimming Function
<b>2 FT PATRIOT LED SLIM LINEAR HIGH BAY</b>													
PT-GH2-60W XYZ	Yes	60	600 x 220	100-277/200-480VAC (50/60 Hz)	3000K/4000K/5000K/6500K	7,800	130	>80	100°	100,000	-30°C to 45°C	>.9	0 - 10 V
PT-GH2-80W XYZ	Yes	80	600 x 220	100-277/200-480VAC (50/60 Hz)	3000K/4000K/5000K/6500K	10,400	130	>80	100°	100,000	-30°C to 45°C	>.9	0 - 10 V
PT-GH5-120W XYZ	Yes	120	600 x 340	100-277/200-480VAC (50/60 Hz)	3000K/4000K/5000K/6500K	15,600	130	>80	100°	100,000	-30°C to 45°C	>.9	0 - 10 V
PT-GH5-160W XYZ	Yes	160	600 x 340	100-277/200-480VAC (50/60 Hz)	3000K/4000K/5000K/6500K	20,800	130	>80	100°	100,000	-30°C to 45°C	>.9	0 - 10 V
<b>4 FT PATRIOT LED SLIM LINEAR HIGH BAY</b>													
PT-GH3-80W XYZ	Yes	80	1200 x 220	100-277/200-480VAC (50/60 Hz)	3000K/4000K/5000K/6500K	10,400	130	>80	100°	100,000	-30°C to 45°C	>.9	0 - 10 V
PT-GH3-100W XYZ	Yes	100	1200 x 220	100-277/200-480VAC (50/60 Hz)	3000K/4000K/5000K/6500K	13,000	130	>80	100°	100,000	-30°C to 40°C	>.90	0 - 10 V
PT-GH3-120W XYZ	Yes	120	1200 x 220	100-277/200-480VAC (50/60 Hz)	3000K/4000K/5000K/6500K	15,600	130	>80	100°	100,000	-30°C to 40°C	>.90	0 - 10 V
PT-GH3-160W XYZ	Yes	160	1200 x 220	100-277/200-480VAC (50/60 Hz)	3000K/4000K/5000K/6500K	20,800	130	>80	100°	100,000	-30°C to 40°C	>.90	0 - 10 V
PT-GH5-120W XYZ	Yes	120	600 x 340	100-277/200-480VAC (50/60 Hz)	3000K/4000K/5000K/6500K	15,600	130	>80	100°	100,000	-30°C to 40°C	>.90	0 - 10 V
PT-GH5-160W XYZ	Yes	160	600 x 340	100-277/200-480VAC (50/60 Hz)	3000K/4000K/5000K/6500K	20,800	130	>80	100°	100,000	-30°C to 40°C	>.90	0 - 10 V
PT-GH6-240W XYZ	Yes	240	1200*340	100-277/200-480VAC (50/60 Hz)	3000K/4000K/5000K/6500K	31,200	130	>80	100°	100,000	-30°C to 40°C	>.90	0 - 10 V
PT-GH6-320W XYZ	Yes	320	1200*340	100-277/200-480VAC (50/60 Hz)	3000K/4000K/5000K/6500K	42,250	130	>80	100°	100,000	-30°C to 40°C	>.90	0 - 10 V

## PHOTOMETRIC DATA

<b>Rated Power</b>	60/80W
<b>Input Voltage</b>	100-277/200-480VAC
<b>Frequency</b>	50 / 60 Hz
<b>Power Factor</b>	> 0.9
<b>Beam Angle</b>	100°
<b>CRI</b>	≥ 80
<b>Dimming Function</b>	0 - 10 V
<b>Operating Temperature</b>	-30°C to 45°C

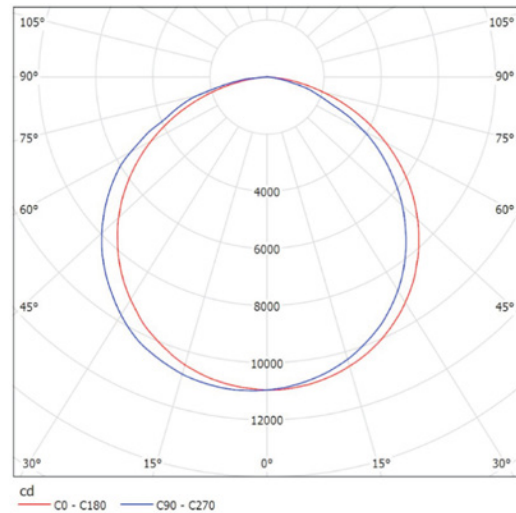


### 80W PHOTOMETRIC CURVE

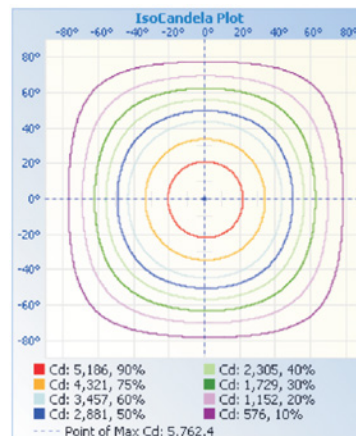
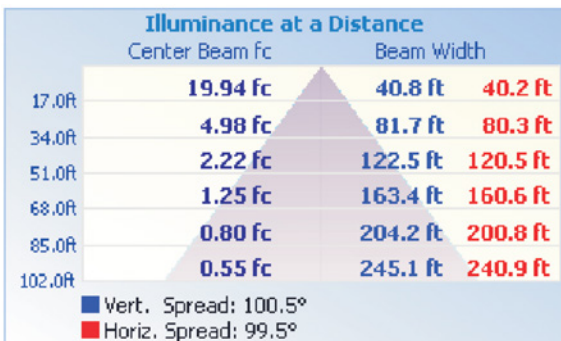


### PHOTOMETRIC DATA

Rated Power	80/100/120/160W
Input Voltage	100-277/200-480VAC
Frequency	50 / 60 Hz
Power Factor	> 0.9
Beam Angle	100°
CRI	≥ 80
Dimming Function	0 - 10 V
Operating Temperature	-30°C to 45°C

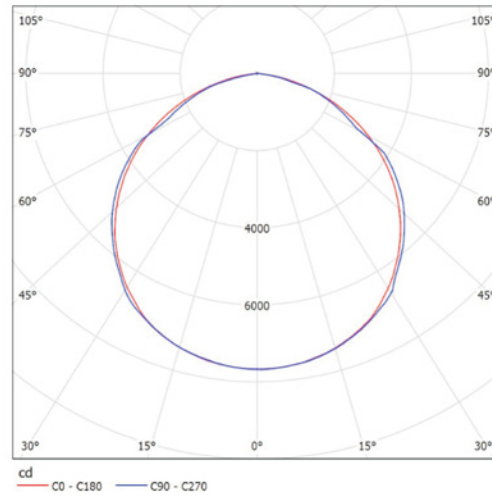


### 200W PHOTOMETRIC CURVE



## PHOTOMETRIC DATA

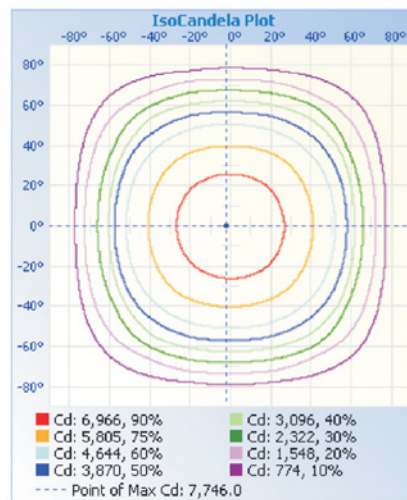
Rated Power	160/165W
Input Voltage	100-277/200-480VAC
Frequency	50 / 60 Hz
Power Factor	> 0.9
Beam Angle	100°
CRI	≥ 80
Dimming Function	0 - 10 V
Operating Temperature	-30°C to 45°C



## 200W PHOTOMETRIC CURVE

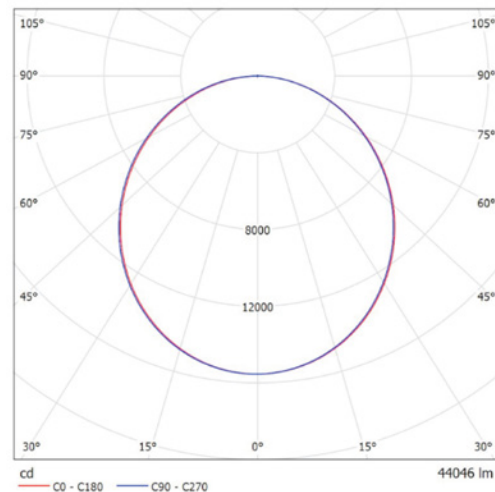
	Illuminance at a Distance	
	Center Beam fc	Beam Width
17.0ft	26.8 fc	51.7 ft 53.8 ft
34.0ft	6.7 fc	103.4 ft 107.7 ft
51.0ft	3.0 fc	155.1 ft 161.5 ft
68.0ft	1.7 fc	206.8 ft 215.3 ft
85.0ft	1.1 fc	258.5 ft 269.1 ft
102.0ft	0.7 fc	310.2 ft 323.0 ft

■ Vert. Spread: 113.3°  
■ Horiz. Spread: 115.4°



## PHOTOMETRIC DATA

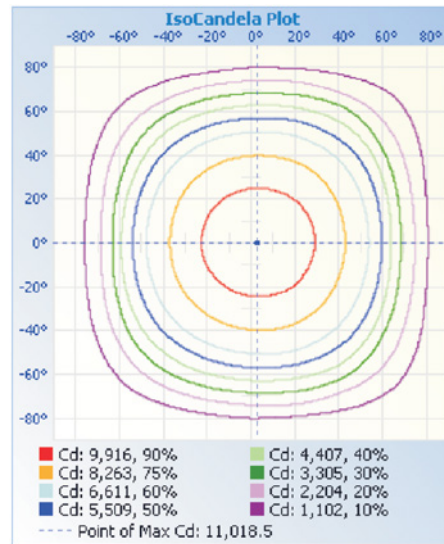
Rated Power	325W
Input Voltage	100-277/200-480VAC
Frequency	50 / 60 Hz
Power Factor	> 0.9
Beam Angle	100°
CRI	≥ 80
Dimming Function	0 - 10 V
Operating Temperature	-30°C to 45°C



### 325W ILLUMINANCE PLOTS

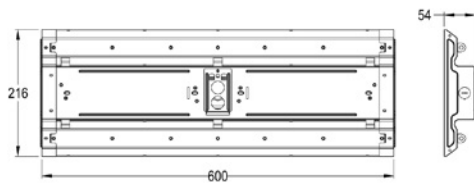
	Illuminance at a Distance	
	Center Beam fc	Beam Width
17.0ft	26.8 fc	51.7 ft 53.8 ft
34.0ft	6.7 fc	103.4 ft 107.7 ft
51.0ft	3.0 fc	155.1 ft 161.5 ft
68.0ft	1.7 fc	206.8 ft 215.3 ft
85.0ft	1.1 fc	258.5 ft 269.1 ft
102.0ft	0.7 fc	310.2 ft 323.0 ft

■ Vert. Spread: 113.3°  
■ Horiz. Spread: 115.4°

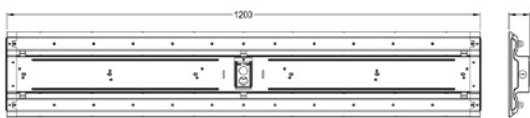


### DIMENSIONS

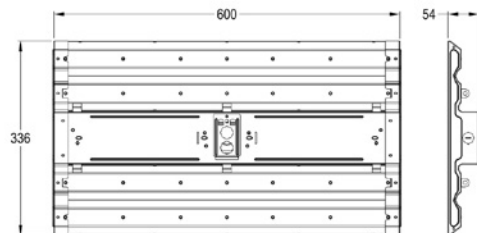
H2 series



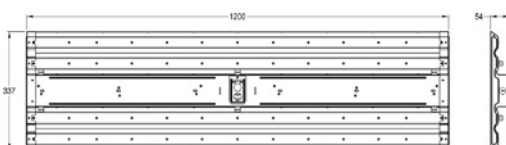
H3 series



H5 series

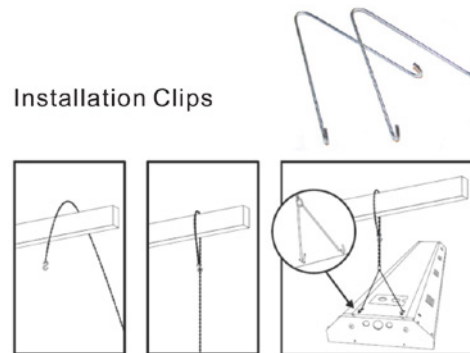


H6 series



### MOUNTING OPTION

V-Clips for dual point chain or cable hanging (Standard)



### Pendant hanger

