

# Bell Shape LED Luminaires

## Designed for all rugged applications

STANDARD's family of LED High Bay Bell Shape luminaires are the perfect option for either new or retrofit applications.

This is an ecologic and energy efficient high bay solution that allows one-for-one replacement of 400 W HID Luminaires. What's more, they reduce loads on cooling systems by emitting less heat and require virtually no maintenance.

Designed for high ceiling application, this series of high efficiency LED luminaires ensures proper light distribution for all layout.

To offer a distribution adapted to the needs of different layouts, a bundle of four beam angle options are available, ranging from 60° to 120°.



## IP65 protection:

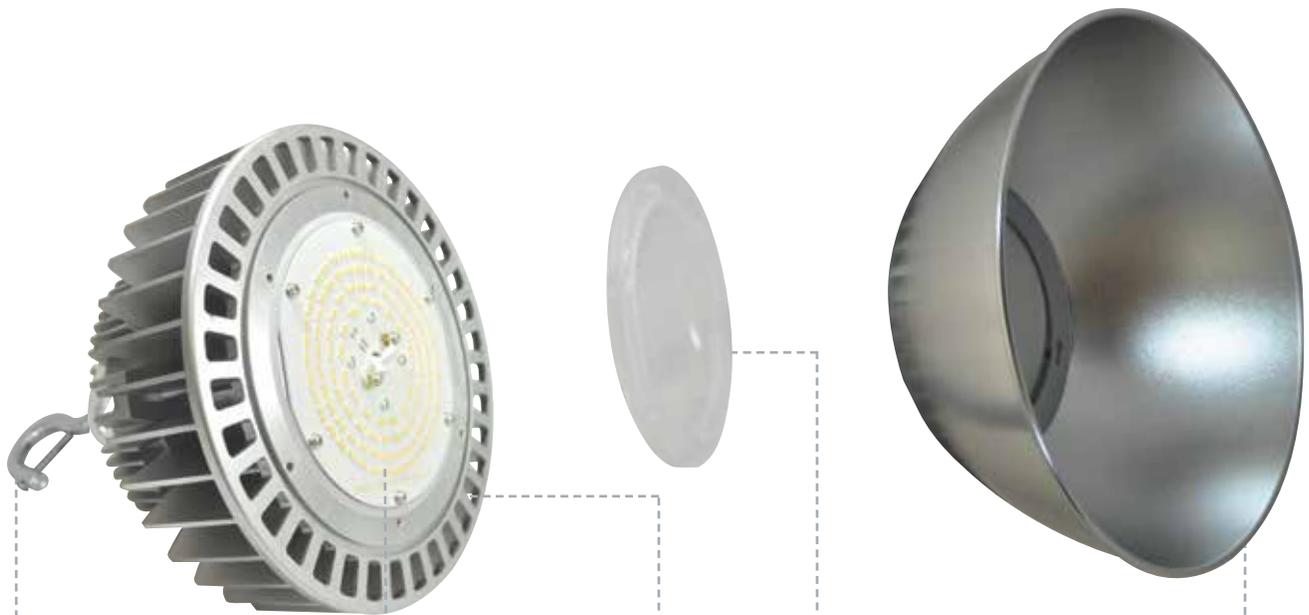
Armed with an IP65 rating, this luminaire series is waterproof to water jets and does not allow dust intrusion inside the luminaire and its components. Accordingly to this ingress protection rating, this series is perfectly suited for dusty and wet locations and can be used in both indoor and out door applications.

With its IP65 classification and design, the luminaire is protected against dust accumulation to maintain its high performance. This eliminates the worry of dust intrusion and need to clear unit of dust or debris. This unit can also be sprayed down when needed.

## Upscale heat sink dissipation system:

The heat dissipation system ensures perfect temperature control due to its design that accelerates the transfer of heat more efficiently.

The durable housing design is light, it is compact and made of cold-forged aluminum. Moreover, it is provided with a surface treatment anodic oxidation anticorrosion. The adonization is a technique that increases the thickness of the surface alumina layer that protects the unit from oxidation.



### Superior LEDs

Built with superior quality, tightly binned LEDs with high junction temperatures, STANDARD'S High Bay luminaires deliver high lumen outputs, low wattages, and fast payback periods.



### Resistant lens

This series is equipped with a 2.5 mm polycarbonate lens (a material with a high impact resistance and heat) to protect the LED component.



### Simplified Installation

Enjoy a quick and easy installation; designed with a hook that can be hung on a rod or chain. This luminaire is lightweight and is easy to handle. This series is equipped with a 10 feet power cord.



### Dimmable

Work on 0-10 V & 1-10 V dimming system for additional energy savings.



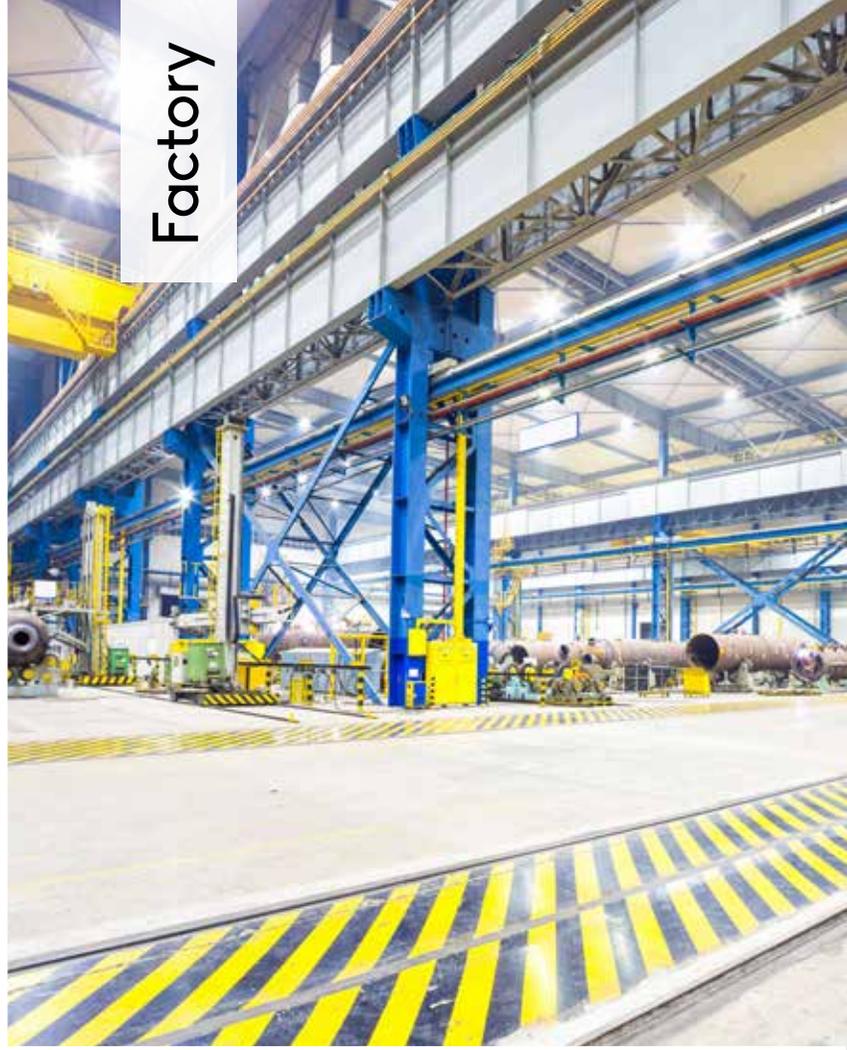
### Surge Protection

Protection against surges up to 4 KV.

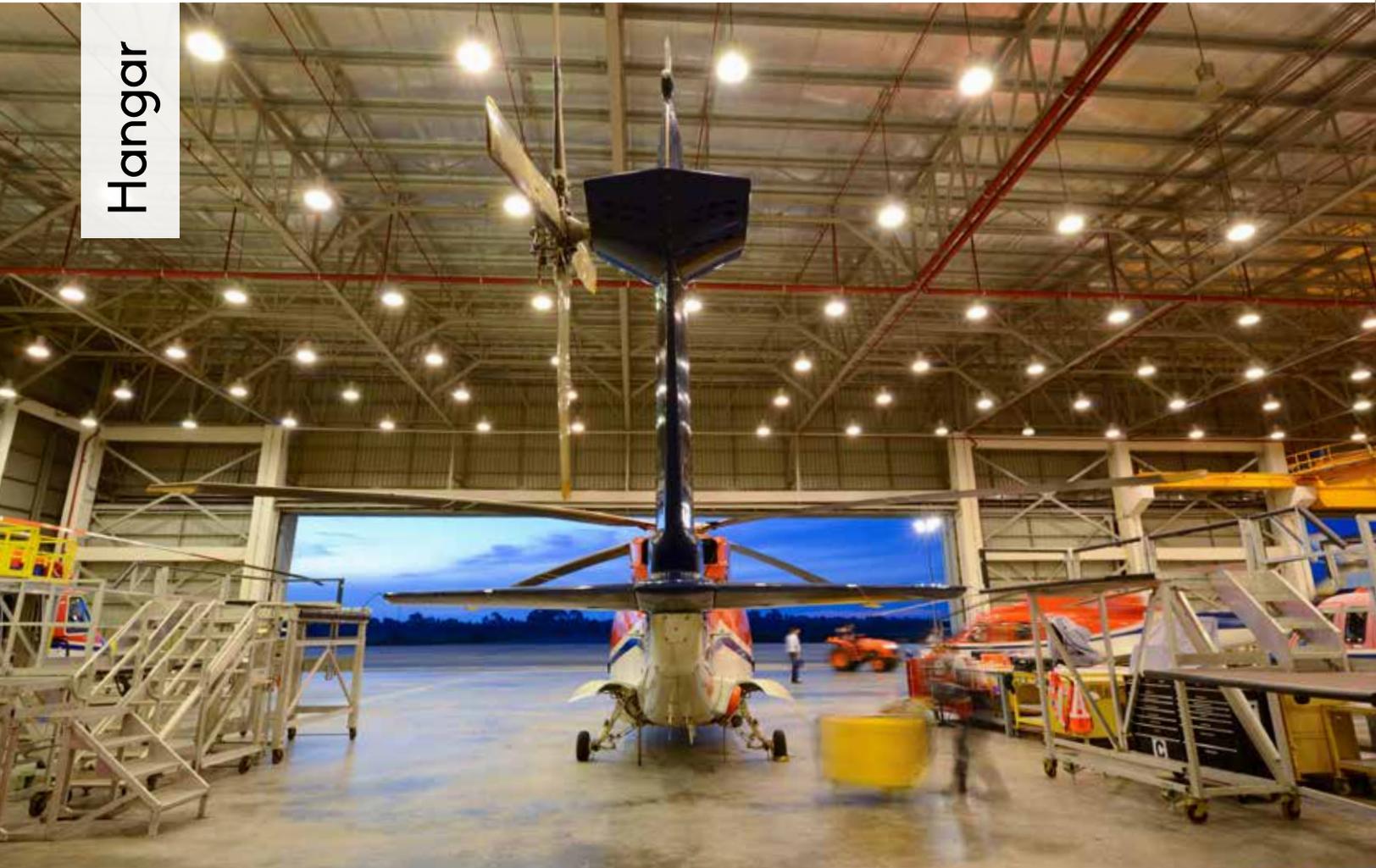
Gymnasium



Factory



Hangar





# Bell Shaped Luminaire

High efficiency generation

*Ideal for factories, hangars, warehouses, convention centers and other large indoor spaces. Especially recommended in dusty or wet environments such as car washes, plant nurseries and workshops.*

Order code	Description	Watts (W)	Volts (V)	Colour temp. (K)	Light output (lm)	Lumens per watt	CRI	Average L70 (hrs)	Beam angle	Dimmable	Case qty (master)
65785	LPHBB/100W/40K/2/DD1/STD	100	120-277	4 000	12 933	130	80	≥ 100 000	120	1-10 V	1
65388	LPHBB/S3/150W/40K/2/DD1/FP/STD	150	120-277	4 000	19 323	131	80	≥ 87 000	120	0-10 V	1
65389	LPHBB/S3/150W/40K/3/DD1/FP/STD	150	347-480	4 000	19 323	131	80	≥ 87 000	120	0-10 V	1
65791	LPHBB/200W/40K/2/DD1/STD	200	120-277	4 000	26 062	130	80	≥ 72 000	120	1-10 V	1
65796	LPHBB/200W/40K/3/DD1/STD	200	347-480	4 000	26 080	130	80	≥ 72 000	120	1-10 V	1

\*Operating temperatures : -40°C (-40°F) to 60°C (140°F)

## Reflectors

Order code	Description	Beam angle (°)
64201	LPHBB/ALR60/STD	60
64202	LPHBB/ALR90/STD	90
64203	LPHBB/ACR70/STD	70



# Reflectors

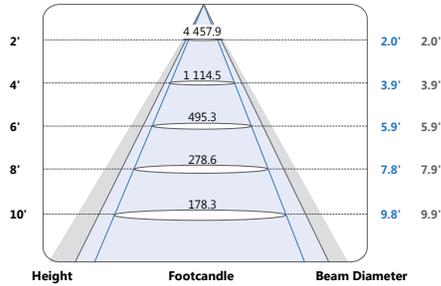
60°

When you require a more direct light source for your application

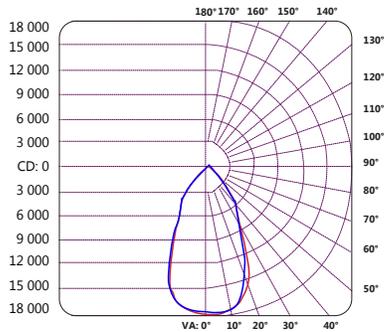
Ex: Product line, work area



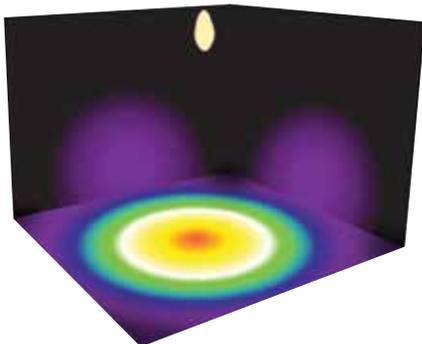
Vertical spread - 52.0°  
Horizontal spread - 52.6°



Polar Candela Distribution



■ -0°H ■ -90°H



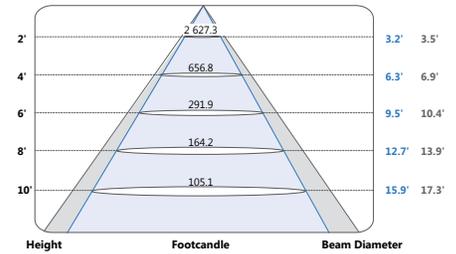
90°

When you require a uniform cross-over light for your application

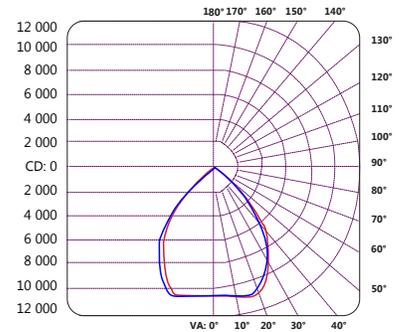
Ex: Warehouse with high shelving



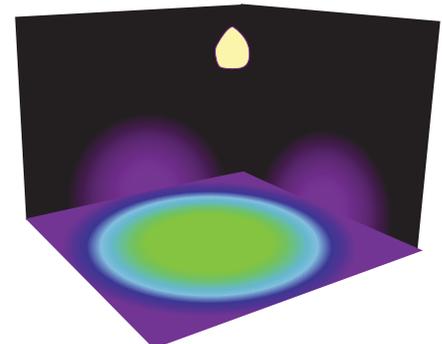
Vertical spread - 76.9°  
Horizontal spread - 81.8°



Polar Candela Distribution



■ -0°H ■ -90°H



# Reflectors

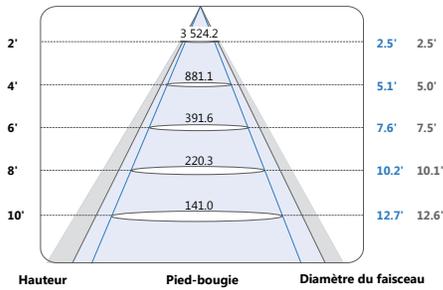
70°

When you require a quality general illuminance and uplight for a pleasant look

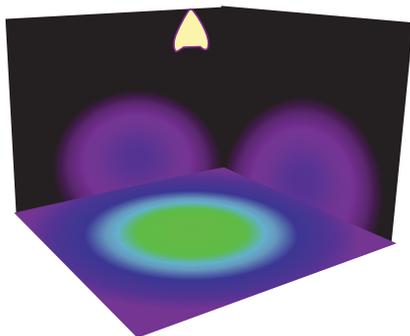
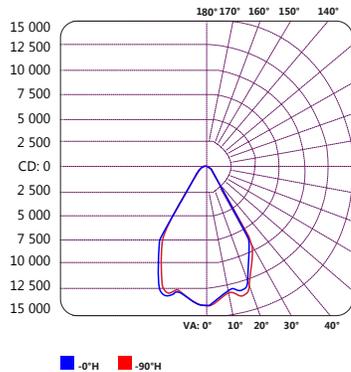
Ex: Super-market or retail store



Diffusion verticale - 64.9°  
Diffusion horizontale - 64.3°



Polar Candela Distribution



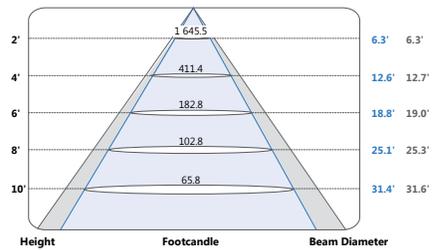
120°

General light for large open spaces, equal to light distribution of a linear high bay luminaire

Ex: Parking garage, warehouse



Vertical spread - 115.0°  
Horizontal spread - 115.4°



Polar Candela Distribution

