

# LED Highbay

02/2019

## AURORA series (70W - 200W)



# AURORA series

(SPE - HBR / SPE - HBB)

AURORA PREMIUM (SPE - HBR / SPE - HBB)  
available from 70W to 200W IP65

Designed for low or high ceiling,  
open space applications such as:

- \* Warehouses
- \* Logistic centers
- \* Production workshops
- \* Storage facilities
- \* Commercial spaces



Best cost-performance ratio with excellent long term reliability







## LED vs Metal Halide Replacement Table



LED Highbay

VS



Metal Halide Highbay Light



Energy Saving  
**60%**



70W	- 200W
90W	250W
120W	300W - 350W
150W	400W
200W	450W - 600W

SpektraLED's round flat LED Highbay series provides the best performance and value for return-on-investment in indoor open area lighting applications, especially warehouse and production facilities. Fitted with the latest mid-power LED chips from Lumileds or Osram and powered by a high performance Meanwell driver the products come with a 5 year warranty. The whole series has a range of 70W to 200W with different variations to suit every need.

### Product Key Features

- LEDs from Lumileds, Osram, together with Meanwell drivers, provide up to 5 years warranty.
- Very high lumen output at 145 lm/W efficacy
- Premium grade aluminium die cast housing and stainless steel hardware
- Unique patented thermal management design to ensure low LED junction temperature.
- Easy installation and maintenance, dust prevention, longer lifetime with high lumen maintenance.
- Type HBB: <22 UGR up to 200W with recess

### Accessories

Reflector for AURORA 430 Ø

- reducing glare
- Looks like standard Highbay



## AURORA Series SPE-HBR / SPE-HBB

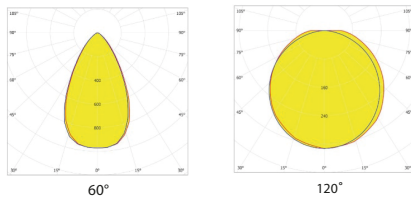
IP65



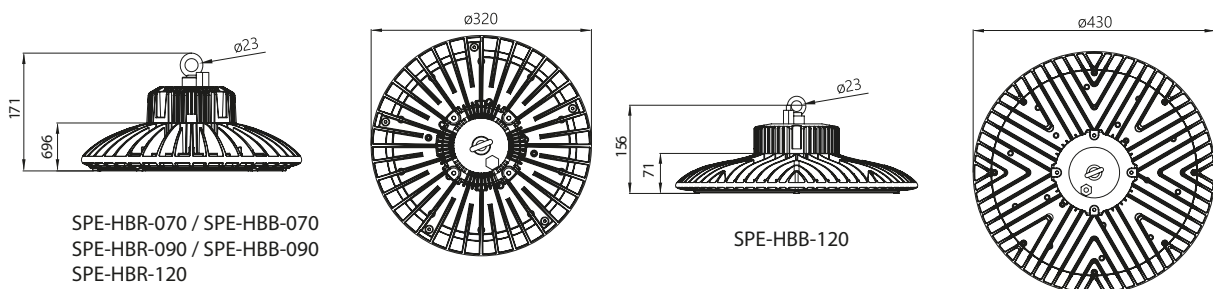
## Parameter

Model No.	SPE-HBR-070 SPE-HBB-070	SPE-HBR-090 SPE-HBB-090	SPE-HBR-120 SPE-HBB-120
Input Voltage	100-305V AC	100-305V AC	100-305V AC
LED Power	70 W	90 W	120W
System Power	77 W	99 W	132W
Luminous Flux	11,000 lm	14,200 lm	18,800 lm
System Efficacy	145 lm/W	145 lm/W	143 lm/W
Beam Angle	<b>SPE-HBR:</b> 120°, clear and diffuse cover / <b>SP-HBB:</b> 60°, clear cover		
CCT (K)	3000 / 4000 / 5000 / 6500	3000 / 4000 / 5000 / 6500	3000 / 4000 / 5000 / 6500
CRI	80	80	80
Dimmable	1-10V / DALI / PWM	1-10V / DALI / PWM	1-10V / DALI / PWM
Power Factor	> 0.90	> 0.90	> 0.90
Lifespan	100,000 H	100,000 H	100,000 H
Operating Temp.	-40°C ~ +45°C	-40°C ~ +45°C	-40°C ~ +45°C
Dimension	320 x 171 mm	320 x 171 mm	HBR: 320x171 mm / HBB: 430x156 mm
Weight (kg)	3,6	3,6	HBR: 3,6 / HBB: 5,6
Certifications	CE, CB, SAA, ETL	CE, CB, SAA, ETL	CE, CB, SAA, ETL

## Photometrics



## Dimensions (mm)



SPE-HBR-070 / SPE-HBB-070  
SPE-HBR-090 / SPE-HBB-090  
SPE-HBR-120

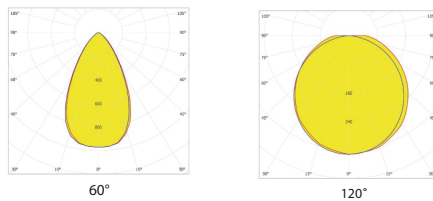
SPE-HBB-120



**Parameter**

Model No.	SPE-HBR-150 SPE-HBB-150	SPE-HBR-200 SPE-HBB-200
Input Voltage	100-305V AC	100-305V AC
LED Power	145 W	182 W
System Power	160 W	200 W
Luminous Flux	22,400 lm	28,000 lm
System Efficacy	140 lm/W	140 lm/W
Beam Angle	<b>SPE-HBR:</b> 120°, clear and diffuse cover / <b>SP-HBB:</b> 60°, clear cover	
CCT (K)	3000 / 4000 / 5000 / 6500	3000 / 4000 / 5000 / 6500
CRI	80	80
Dimmable	1-10V /DALI	1-10V /DALI
Power Factor	> 0.90	> 0.90
Lifespan	100,000 H	100,000 H
Operating Temp.	-40°C ~ + 45°C	-40°C ~ + 45°C
Dimension	430 x 156 mm	430 x 156mm
Weight (kg)	5,6	6,2
Certifications	CE, CB, SAA, ETL	CE, CB, SAA, ETL

**Photometrics**



**Dimensions (mm)**

