

# LED High Bay Light VARIO Series

2013/10





## A Variety type of Combinations



### Modularization

The modularization design of Vario series High Bay Light makes the chip can be replaced and as simple as replacing light bulbs, we don't have to replace the whole lamp but easy replace to use the most advanced LED chip in future.

IP65

### IP65

The Protection range of Vario Series High Bay Light is upgraded to IP65 for against harsh environment.



### Ambient temperature

-25°C — + 55°C

ANTI-CORROSION

### Anti-corrosion and oxidant

For the traffic shed, toll station that outdoor places easy to corrosion, or for the washing and dyeing workshop, food factories that easy to lead to the oxidation resistance of indoor environment, It is optional to have the resistance acid dust proof and antioxidant functions.

## High Efficiency and Environment-friendly

LM/W

### High Output

The luminous efficacy is high at 130lm/w, which not only shorten ROI but also save energy and protect environment.



### Complies to Photo-Biological Safety Standards

EN62471:2008

Safety Assurance on human eyes and skin.

LM-80

### Obtained LM-80 Certification

70% lumens maintained after 35,000 hours of operation.

CCT

### Accordance with the Standard ANSI C78.377

Complies to "3-Step MacAdam Eclipses" (Chromaticity control standard), Sonaray uses LED chip with the best chromaticity.



### High Efficiency Energy Saving

Pursuing more energy saving, higher efficiency, achieved 40%-80% energy saving



### High CRI

Ra > 80, The space color have more layers.

## Convenient maintenance



Modularization design makes the maintenance of lamps (simple replacement chips, power supply) convenient and no longer needed the mechanic, reduce cost.

## High Bay Light

## Specifications

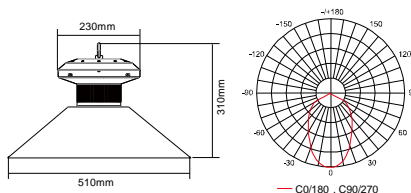
25W



HB-B-2025

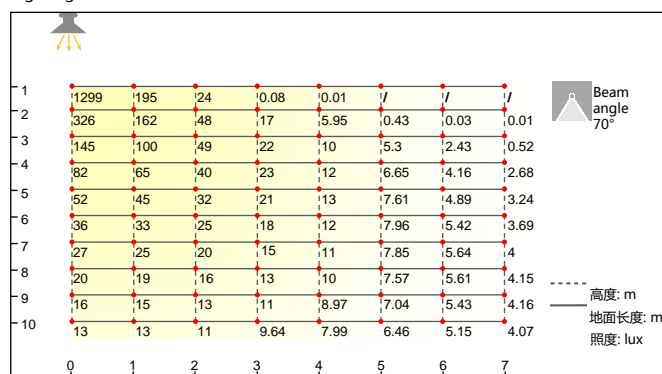
### General Specifications

Material: Aluminum  
Housing Color: Black body,  
Silver lampshade  
Ambient temperature : -  
25°C~+45°C  
Weight : 3.1kg



Luminous Flux	Power	Light efficiency
2750lm	25W	110lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
70°	60000hrs	80

### Lighting Distribution



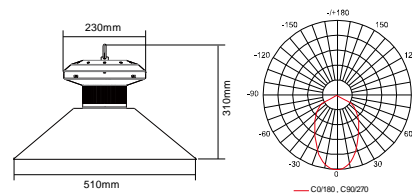
35W



HB-B-2035

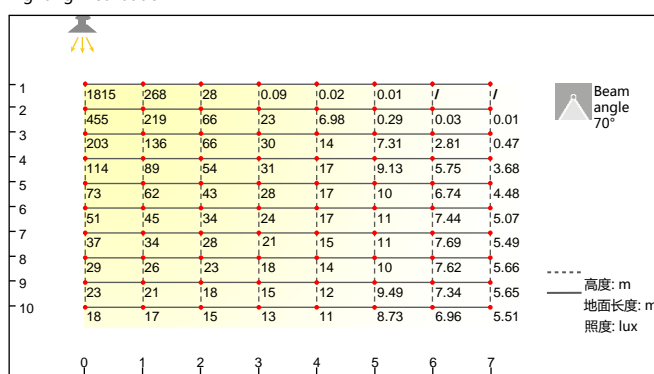
### General Specifications

Material: Aluminum  
Housing Color: Black body,  
Silver lampshade  
Ambient temperature : -  
25°C~+45°C  
Weight : 3.1kg



Luminous Flux	Power	Light efficiency
3850lm	35W	110lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
70°	60000hrs	80

### Lighting Distribution



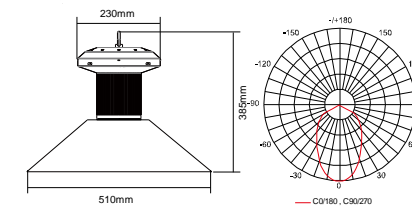
40W



HB-B-2045

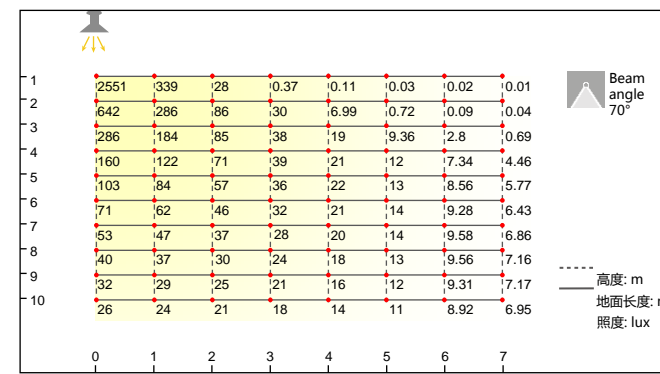
### General Specifications

Material: Aluminum  
Housing Color: Black body,  
Silver lampshade  
Ambient temperature : -  
25°C~+45°C  
Weight : 3.1kg



Luminous Flux	Power	Light efficiency
4400lm	40W	110lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
70°	60000hrs	80

### Lighting Distribution



## High Bay Light

## Specifications

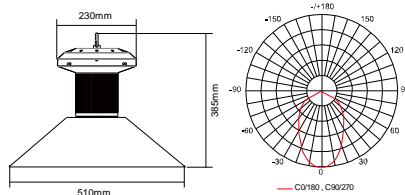
65W



HB-B-2065

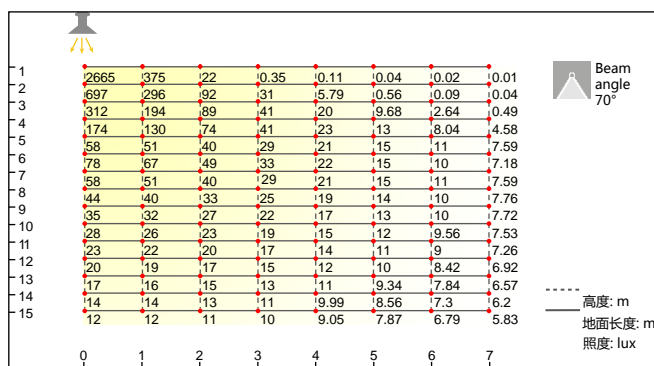
### General Specifications

Material: Aluminum  
Housing Color: Black body, Silver lampshade  
Ambient temperature : -25°C ~ +45°C  
Weight : 3.1kg



Luminous Flux	Power	Light efficiency
7150lm	65W	93lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
70°	60000hrs	80

### Lighting Distribution



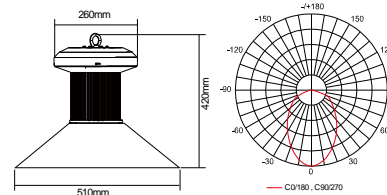
85W



HB-B-2085

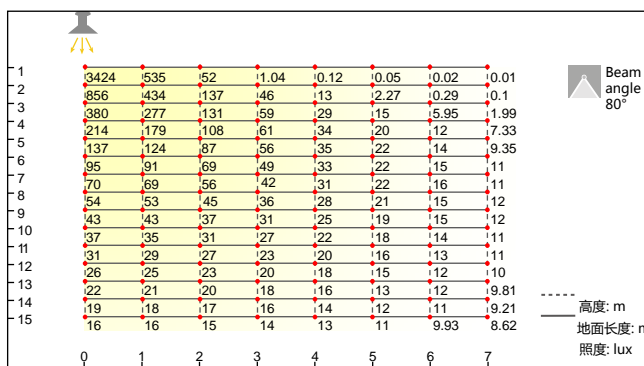
### General Specifications

Material: Aluminum  
Housing Color: Black body, Silver lampshade  
Ambient temperature : -25°C ~ +45°C  
Weight : 3.1kg



Luminous Flux	Power	Light efficiency
9350lm	85W	110lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
70°	60000hrs	80

### Lighting Distribution



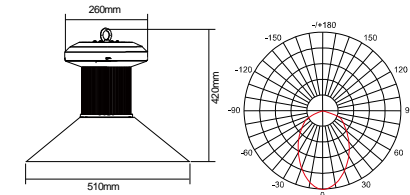
100W



HB-B-2100

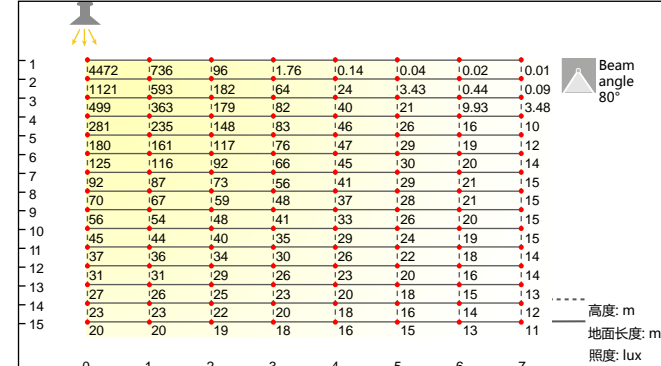
### General Specifications

Material: Aluminum  
Housing Color: Black body, Silver lampshade  
Ambient temperature : -25°C ~ +45°C  
Weight : 3.1kg



Luminous Flux	Power	Light efficiency
11000lm	100W	110lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
70°	60000hrs	80

### Lighting Distribution



## High Bay Light

## Specifications

65W

85W

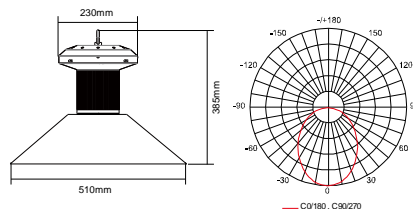
100W



HB-BD-2065

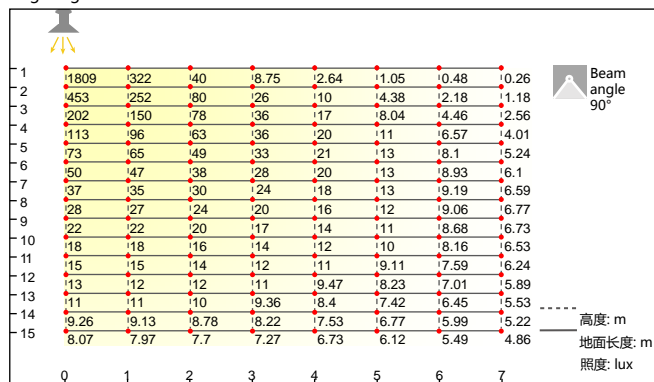
## General Specifications

Material: Aluminum  
Housing Color: Black body,  
Silver lampshade  
Ambient temperature : -  
25°C~+45°C  
Weight : 3.1kg



Luminous Flux	Power	Light efficiency
7150lm	65W	110lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
70°	60000hrs	80

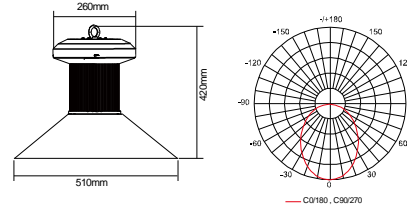
## Lighting Distribution



HB-BD-2085

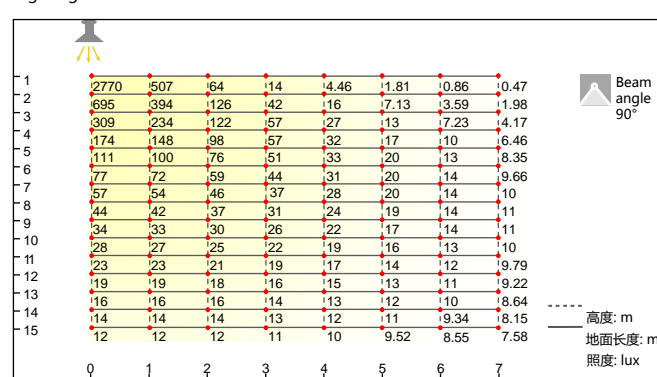
## General Specifications

Material: Aluminum  
Housing Color: Black body,  
Silver lampshade  
Ambient temperature : -  
25°C~+45°C  
Weight : 3.1kg



Luminous Flux	Power	Light efficiency
9350lm	85W	110lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
70°	60000hrs	80

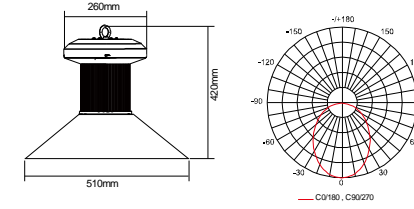
## Lighting Distribution



HB-BD-2100

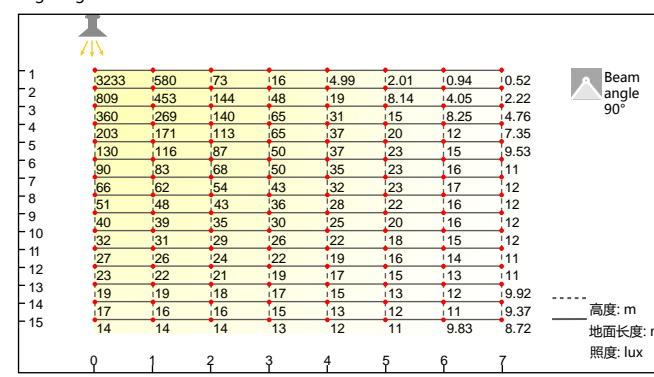
## General Specifications

Material: Aluminum  
Housing Color: Black body,  
Silver lampshade  
Ambient temperature : -  
25°C~+45°C  
Weight : 3.1kg



Luminous Flux	Power	Light efficiency
11000lm	100W	110lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
70°	60000hrs	80

## Lighting Distribution





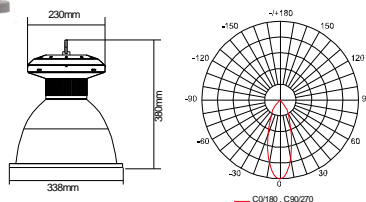
25W



HB-A-2025

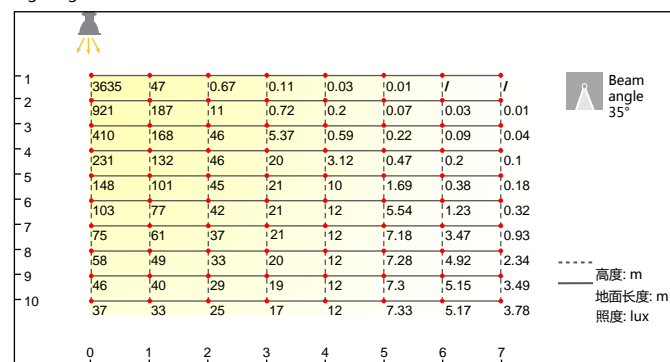
### General Specifications

Material: Aluminum  
Housing Color: Black body, Silver lampshade  
Ambient temperature : -25°C~+45°C  
Weight : 2.7kg



Luminous Flux	Power	Light efficiency
2750lm	25W	110lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
35°	60000hrs	80

### Lighting Distribution



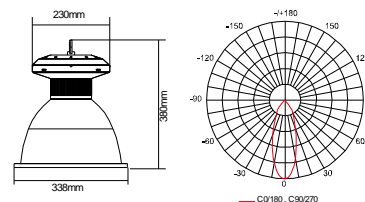
35W



HB-A-2035

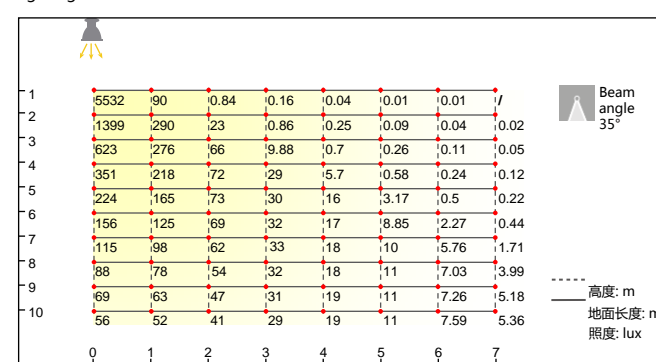
### General Specifications

Material: Aluminum  
Housing Color: Black body, Silver lampshade  
Ambient temperature : -25°C~+45°C  
Weight : 2.7kg



Luminous Flux	Power	Light efficiency
4025lm	35W	115lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
35°	60000hrs	80

### Lighting Distribution



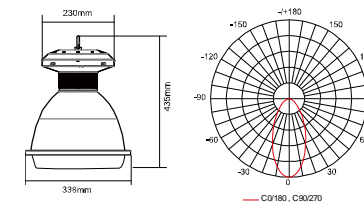
35W



HB-AD-2035

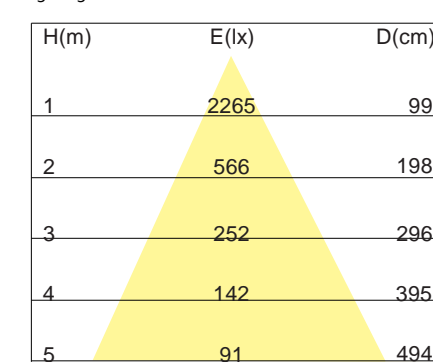
### General Specifications

Material: Aluminum  
Housing Color: Black body, Silver lampshade  
Ambient temperature : -25°C~+45°C  
Weight : 2.7kg



Luminous Flux	Power	Light efficiency
4025lm	35W	115lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
35°	60000hrs	80

### Lighting Distribution



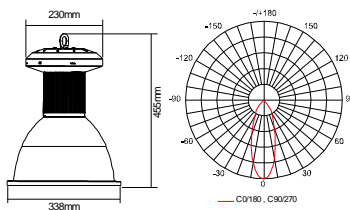
45W



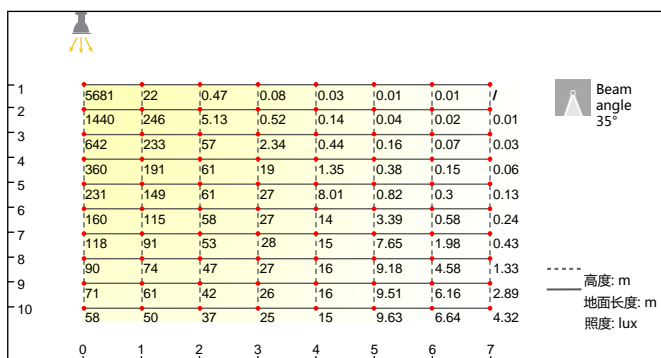
HB-A-2045

**General Specifications**

Material: Aluminum  
Housing Color: Black body,  
Silver lampshade  
Ambient temperature : -  
25°C~+45°C  
Weight : 3.5kg



Luminous Flux	Power	Light efficiency
4500lm	45W	100lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
68°	60000hrs	80

**Lighting Distribution**

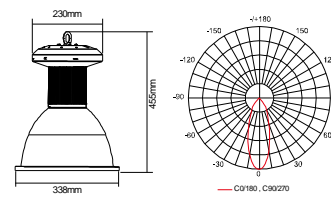
65W



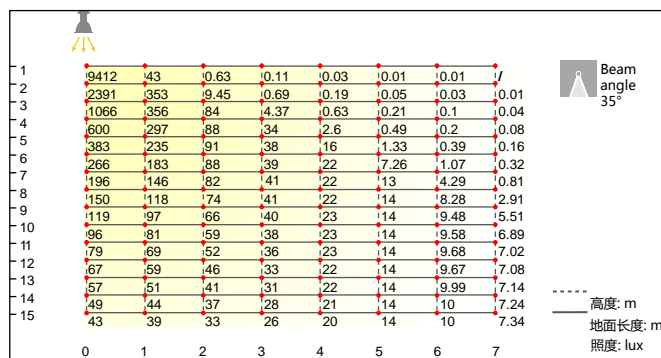
HB-A-2065

**General Specifications**

Material: Aluminum  
Housing Color: Black body,  
Silver lampshade  
Ambient temperature : -  
25°C~+45°C  
Weight : 3.5kg



Luminous Flux	Power	Light efficiency
6500lm	65W	100lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
68°	60000hrs	80

**Lighting Distribution**

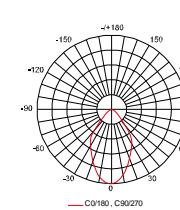
85W



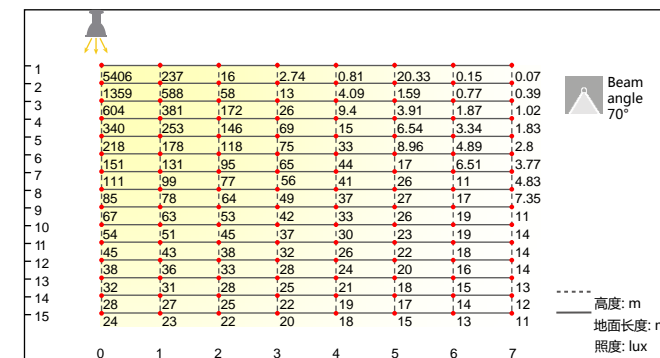
HB-A-2085

**General Specifications**

Material: Aluminum  
Housing Color: Black body,  
Silver lampshade  
Ambient temperature : -  
25°C~+45°C  
Weight : 3.8kg



Luminous Flux	Power	Light efficiency
9350lm	85W	110lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
53°	60000hrs	80

**Lighting Distribution**

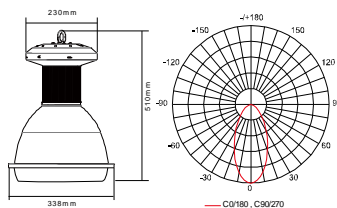
65W



HB-AD-2065

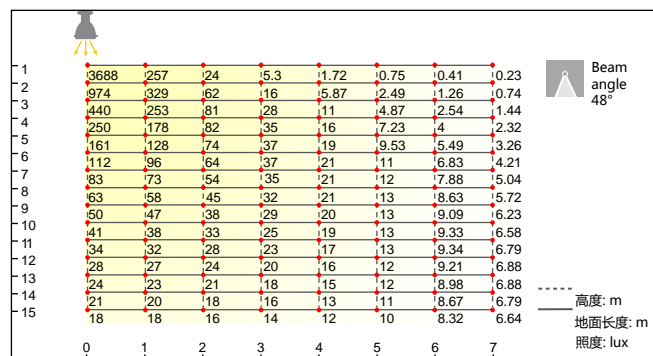
### General Specifications

Material: Aluminum  
Housing Color: Black body, Silver lampshade  
Ambient temperature : -25°C~+45°C  
Weight : 3.8kg



Luminous Flux	Power	Light efficiency
7150lm	65W	110lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
53°	60000hrs	80

### Lighting Distribution



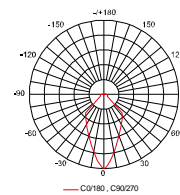
45W



HB-C-2045

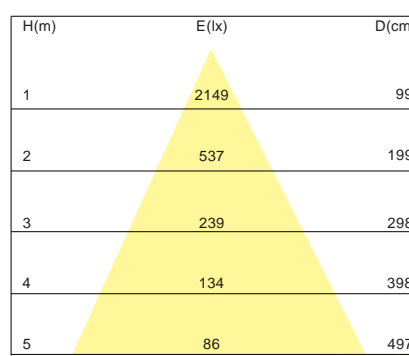
### General Specifications

Material: Aluminum  
Housing Color: Black body, Silver lampshade  
Ambient temperature : -25°C~+45°C  
Weight : 3.8kg



Luminous Flux	Power	Light efficiency
4950lm	45W	110lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
53°	60000hrs	80

### Lighting Distribution





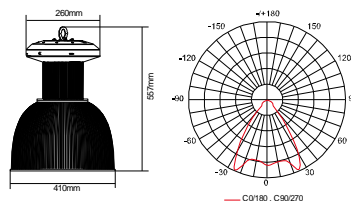
85W



HB-C-2085

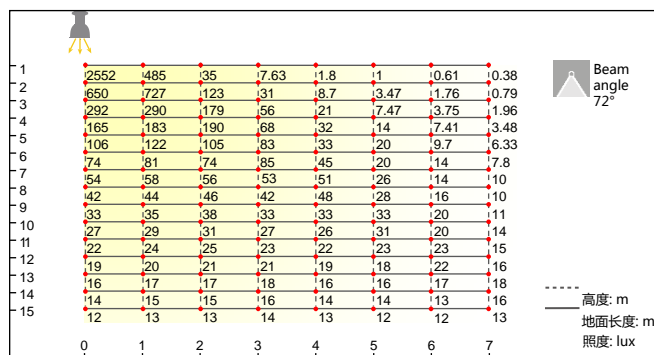
### General Specifications

Material: Aluminum  
Housing Color: Black body,  
Silver lampshade  
Ambient temperature : -  
25°C~+45°C  
Weight : 2.7kg



Luminous Flux	Power	Light efficiency
9775lm	85W	115lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
35°	60000hrs	80

### Lighting Distribution



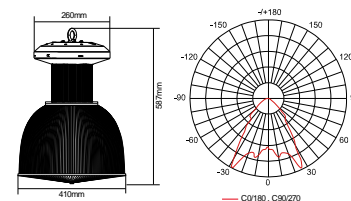
85W



HB-CD-2085

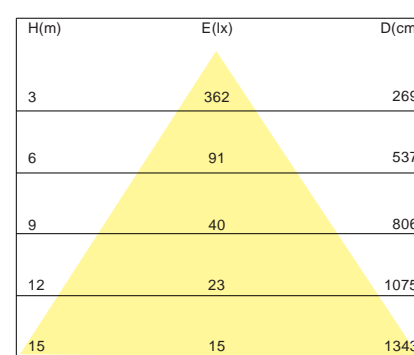
### General Specifications

Material: Aluminum  
Housing Color: Black body,  
Silver lampshade  
Ambient temperature : -  
25°C~+45°C  
Weight : 3.5kg



Luminous Flux	Power	Light efficiency
8500lm	85W	100lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
68°	60000hrs	80

### Lighting Distribution



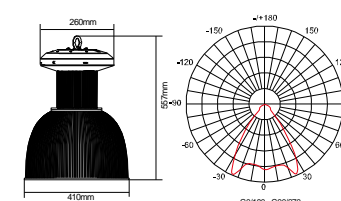
100W



HB-C-2100

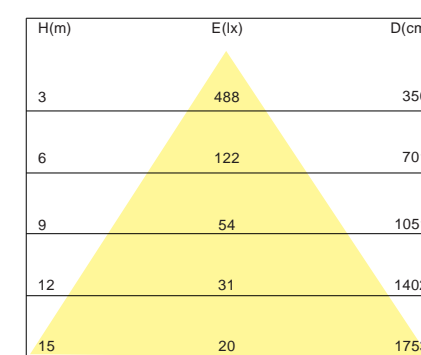
### General Specifications

Material: Aluminum  
Housing Color: Black body,  
Silver lampshade  
Ambient temperature : -  
25°C~+45°C  
Weight : 3.8kg



Luminous Flux	Power	Light efficiency
11000lm	100W	110lm/w
Color Temperature	Input Voltage	
5000K/3000K	AC 100V-240V,50/60Hz	
Beam angle	Design Lifetime	CRI
53°	60000hrs	80

### Lighting Distribution





Warehouse



Supermarket



Book Vault



Exhibition room





Train station



Factory