

LED HIGHBAY LIGHT



About LED

The structure and principle of LED light
It has been about 50 years ago, semiconductor materials, light can produce the basic knowledge, the first commercial diode produced in 1960. LED is the English light emitting diode (LED) of the abbreviation, and its basic structure is an electroluminescent semiconductor materials, placed on a wire rack, then sealed with epoxy resin around, protect the internal core lines effect, so the LED's seismic performance.

Zhejiang foxLED Lighting Co.,Ltd

is a manufacturer of high quality LED Lamps in China, which established in June 2005, located in No.1 Economic Development Zone, ZheJiang, China. It is a coastal city between Shanghai and Hangzhou with a very convenient transportation, 90KM to Shanghai and 120KM to Hangzhou.

We specialize in investigate and manufacturing various kinds of LED energy saving lamp. Our main products are corn bulb, spotlight, candle bulb, tube light and etc. Our quality system has passed the quality approval of ISO 2000 and all of our items are CE, ROHS certificated.

We regard "product quality" as our core, "reliability, practicability and low cost" as product design concept, to provide high quality products with the best service in the industry and to deal with customers in an honest and responsible manner.

Model number	FX-HB-d-100W		
LED consumptions	92W		
System Consumption	106W		
Led initial flux	WW	PW	CW
	8213LM	8760LM	9000LM
power factor	>0.98		
total hamornical distortion	<9%		
power efficiency	>82%		
light efficiency	>91%		
installation height	6M	8M	10M
average illuminance	>55.4LUX	>26.5LUX	>14.5LUX
illuminance area	φ9.5M	φ15.5M	φ19M
illminance uniformity	>0.4		
color rendering index	WW:Ra>68,PW/CW:Ra>75		
beam angle	90		
working voltage	DC30-36V		
input voltage	AC85-265V		
frequency range	50-60HZ		
led junction temperature	<80°C		
working temperature	-25~45°C		
IP grade	IP65		
led working life-span	>50000hrs		
certification	CE ROHS		
packing dimension	260*260*360MM		
net weight/gross weight	7.5/8.0KG		

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