

LN Lighting technical data

LED LAMP 200W HIGH BAY LIGHT

Lighting technical data

LED 200W HIGH BAY LIGHT is an alternative light source with longer life and uniformed light distribution



LED HIGH BAY LIGHT



Line-Up

Model No.	Watts(W)	Light Output(lm)	Dimension(mm)	Light Color(K)	Beam Angle(Degree)
LN-HBXW200WFNCW-S-C	200±5%	15720±5%	Φ500*574	6000K	120

Technical Specifications

Item	Test Conditions	Min.	Typ.	Max.
Input Voltage(V, rms)	AC	100	220	277
Input Current(mA, rms)	AC(220V)	---	91	---
Input Power(W, rms)	AC(All)	---	200	---
Input Frequency(Hz)	AC	---	50Hz/60Hz	---
Power Factor(PF)	AC(All)	≥0.9		
Output Voltage(V)	DC	30	31.5	33
Output Current(A)	DC	5.67	5.72	5.78
Output Power(W)	DC	170.1	180.18	190.74

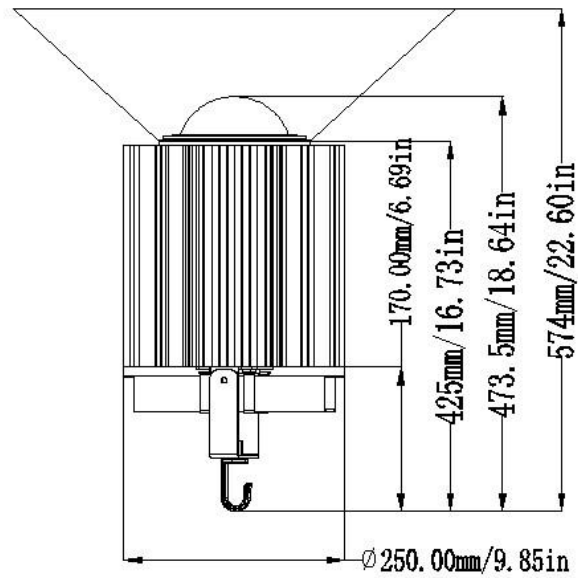
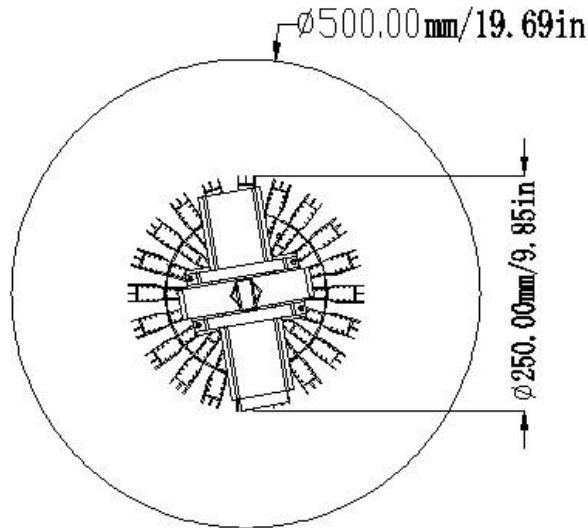
Environmental Requirements

Specifications	Values
Operational Temperature Range	-20~40℃
Preservation Temperature Range	-20~90℃
Operational Humidity Range	95%Rh or below (@-20~40℃)
Installation Area	Indoor (Counter,Residential,Commercial,etc)

LED HIGH BAY LIGHT



Drawing



Material	IP
radiator: AL6063-T5	20
lens: PC	

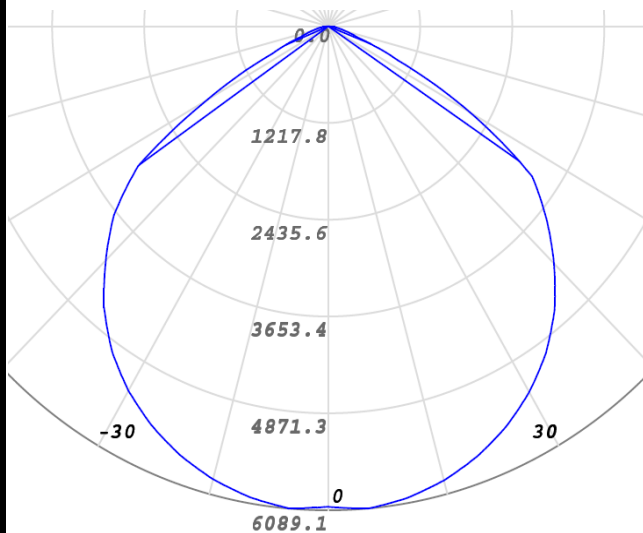
LED HIGH BAY LIGHT



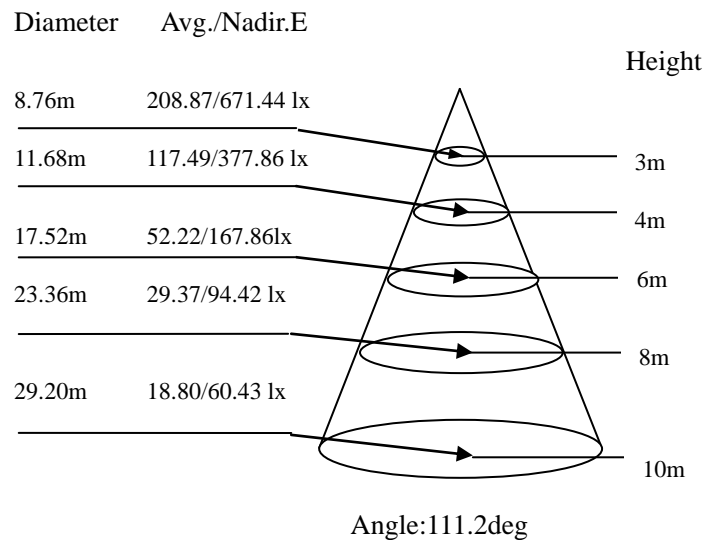
LN-HBXW200WFNCW-S-C

Category	Specifications	Unit
Watts	200	W
Lumens per Watt(Efficacy)	79	Lm/W
Light Output	15720	lm
Light Color(CCT)	6000	K
Beam Angle	120	°(degree)
Color Accuracy(CRI)	80	Ra
Product Weight	7.44	KG
Rating Life	35000	H
Base	Line interface	
Input Voltage(AC)	220	V

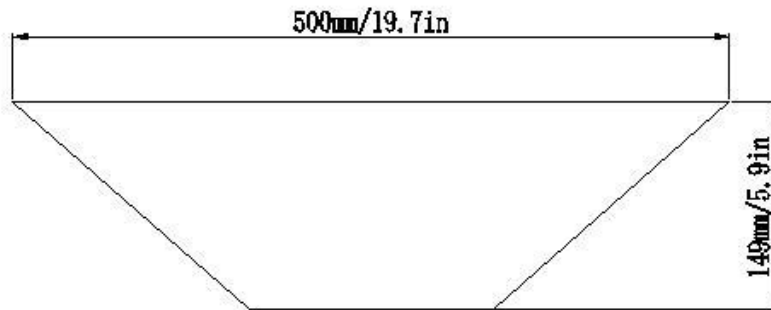
Luminance Intensity Distribution



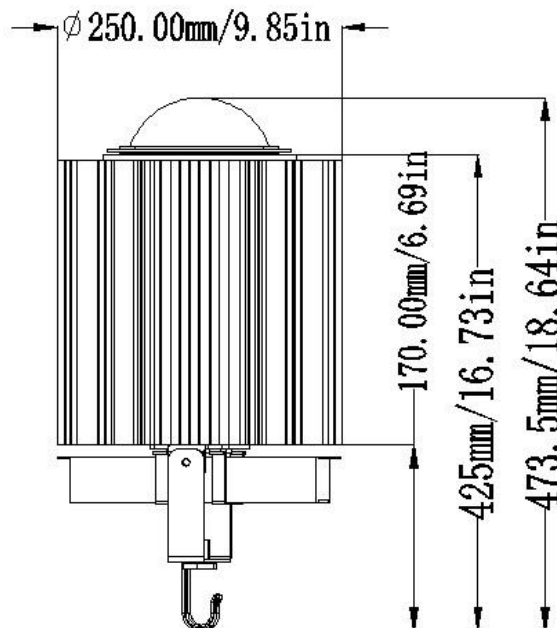
Cone Lux Diagram



LED HIGH BAY LIGHT



Product Packaging	Specifications	Unit
Product Dimension	Φ 500* H149	mm
Net Weigh	0.5	Kg
Size of Carton	L550*W550*H300	mm
Qty/ Carton	16	PCS
Weight/ Carton	9.3	Kg



Product Packaging	Specifications	Unit
Product Dimension	Φ250* H473.5	mm
Net Weigh	7.2	Kg
Size of box	L280*W280*H420	mm
Gross Weight	7.92	Kg
Size of Carton	L580*W290*H435	mm
Qty/ Carton	2	PCS
Weight/ Carton	16.8	Kg

LED HIGH BAY LIGHT**Revision History**

MTime	Changed to: VER	Description of Change		
		Item	From	To
2013-04-13	1.01	----	Under development	Formal
2013-04-30	1.02	Light Output(CW)	11500±5%	19000±5%
2013-06-05	1.03	Light Output(CW)	19000±5%	13500±5%
2013-08-09	1.04	Light Output(CW)	13500±5%	15720±5%
		Mark	---	GS、CE