HYUNDAI
LIGHTING

PRODUCT DATASHEET

High brightness,Flicker free, IP65 - High Bay
HYD-709-200W 6000K

Application

- Warehouse
- Exibition Hall
- Industrial Plants
- Parking lot
- Gymnasiums

Benefits

- IK08
- Flicker free.
- Protection against water & dust, IP65
- High energy saving, up to 60% Comparing to conventional Light
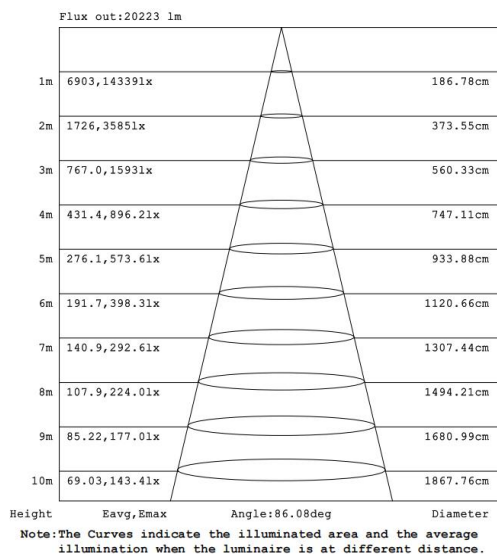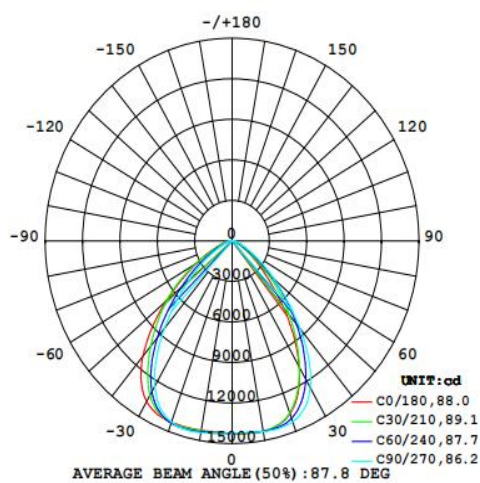
Features

- Clear PC Lenses
- Warranty 5 years
- Easy and quick installation
- Die-cast aluminum body for better heat dissipation, anti-corrosion, and easy maintain

Electrical Data

Nominal wattage (W)	200 W
Nominal Voltage (V)	220-240V
Mains Frequency (Hz)	50
Nominal Current (mA)	851
LED Driver Current (mA)	800
LED Driver Voltage (Vdc)	...
LED Driver Efficiency (%)	95%
Power Factor λ	0.97
Total harmonic distortion (%)	7%
Operating mode	Built in LED driver

Photometrical data

Luminous flux ±10% (lm)	27920 lm
Luminous efficacy	144 lm/w
Color temperature	6000K
Light color (designation)	Cold White
Color rendering index Ra	≥80
Standard deviation of color matching	≤5 SDCM
Luminous intensity/cd	14464
Flickering	Flicker free
Beam angle	88 °

UNIT:cd
C0/180,88.0
C30/210,89.1
C60/240,87.7
C90/270,86.2
AVERAGE BEAM ANGLE(50%):87.8 DEG

Flux out:20223 lm

Height	Eavg,Emax	Diameter
1m	6903,143391x	186.78cm
2m	1726,35851x	373.55cm
3m	767.0,15931x	560.33cm
4m	431.4,896.21x	747.11cm
5m	276.1,573.61x	933.88cm
6m	191.7,398.31x	1120.66cm
7m	140.9,292.61x	1307.44cm
8m	107.9,224.01x	1494.21cm
9m	85.22,177.01x	1680.99cm
10m	69.03,143.41x	1867.76cm

Angle:86.08deg

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

6000K

Dimensions & Weight

Diameter (mm)	350
Height (mm)	93
Product weight (g)	3250

H 93 mm

D 350 mm
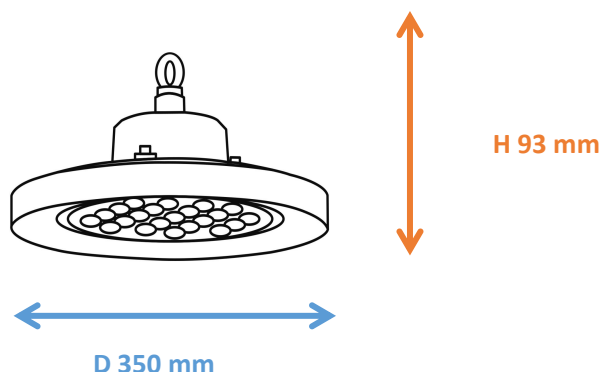
Material & Colors

Product color	Black heat sink / White lens
Housing color	Black
Body material	Aluminum
Cover material	PC
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10℃ - +45 ℃
Temperature range at storage	-10℃ - +45 ℃
Type of connection	Screwless terminal
Type of protection	IP65
Dimmable	No
Mounting type	Surface mounted
Mounting location	Ceiling
Application environment	Indoor/Outdoor
Cut size (mm)	No
LED module replaceable	Not replaceable
With light source	Yes

Certificates & Lifespan

Life (h)	50,000
Certificates	CB CE LVD EMC
Standards	ISO9001:2015

Logistical Data

Product code	Dimensions (L*W*H)	Pcs/ carton	G.W. kg	Volume CBM
HYD-709-200W	38*38*13.5 cm	1	...	0.01949

Installation Method

01 OFF

Fix the hook ensure the fixed wall strong enough

02

Put the high bay into hook and make it safe

04

Tighten the loop and fix loop screw,make sure it's stable

03

Connect the power wire:
Brown,"L" connect to LIVE
Blue,"N" connect to NEUTRAL
Yellow-Green,connect to EARTH/GROUND

Connect power
220-240V
50/60Hz

N L

Blue
Yellow Green
Brown

N L

05

06 ON
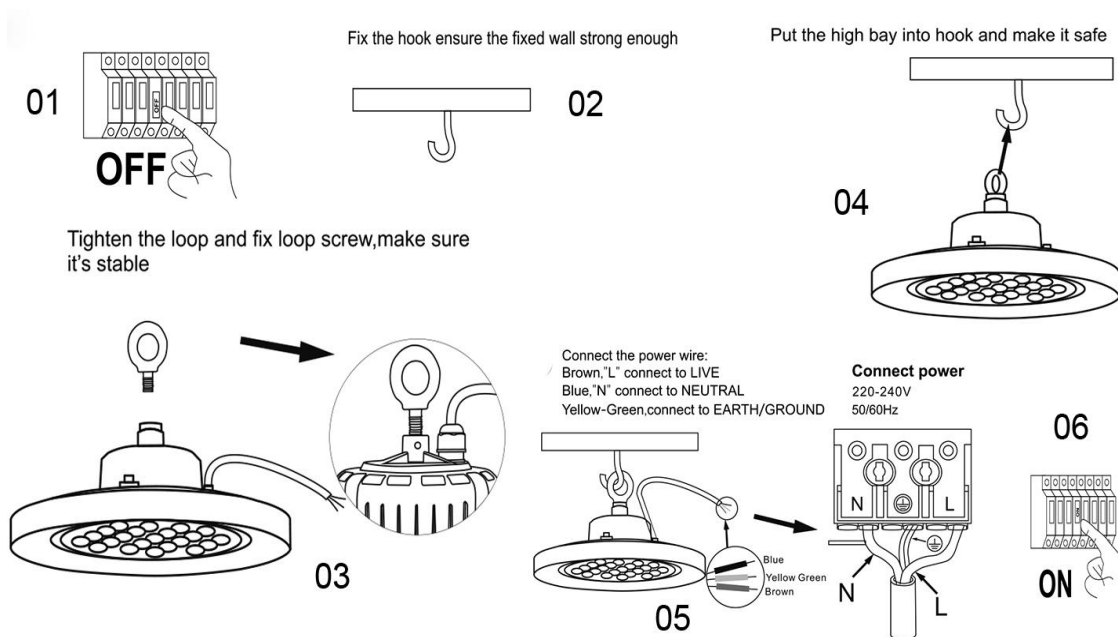
Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release