# ZeroUNO®

PRODUCT SPECIFICATION

Product Name :　　　LED Flood Light

Part No :　　　L E F $C=$('''N

Approval No:　　　20150903001

1、 Features:

- Full waterproof design
- High transmittance empered glass,transimittan 93%
- Multible choices for reflctors: 90°*50°，90°*10°, meet the requirement of professional light distribution.
- By riveting the heatsink to the fins,make the incomparable heatsink housing,The heat from the LEDS is transformed to the fins with massive dissipating area by the 12X8mm heatpipes,reducing the temperature of the LEDS rapidly and extending the life span.
- Over Current,Over Voltage,Over Heat,Thunder Protection
- Choice of correlated color temperatures
- Long lifespan for LED 50,000 hrs
- Complying with CE、RoHS, No strobing during working, Fast response (no delay) , No mercury vapour , No radiation,No UV,No damage with frequency switching
- IP Rating: IP65
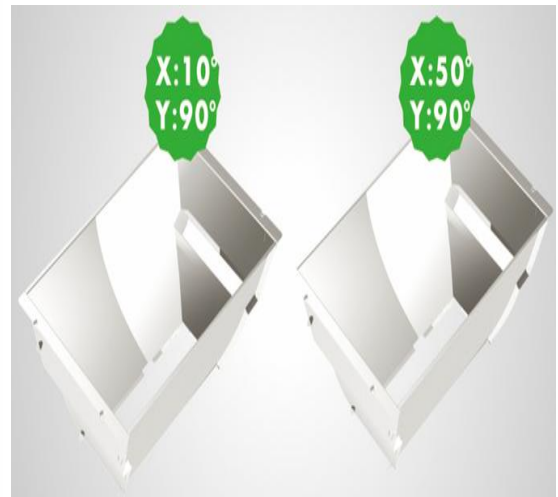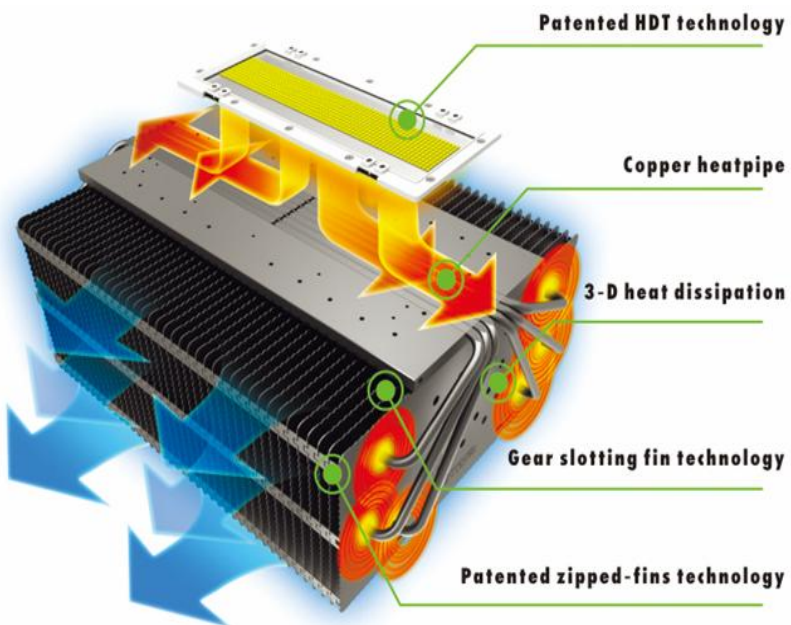
2、 Application area:

Complete lamp can replace high pressure sodium lamp over 1500-2000W.It can instant start,and has long life span,low consumption of energy,and polluting-free.It can be widely used at the stadium,golf course,wharf,square,etc

3、Product Dimensions:
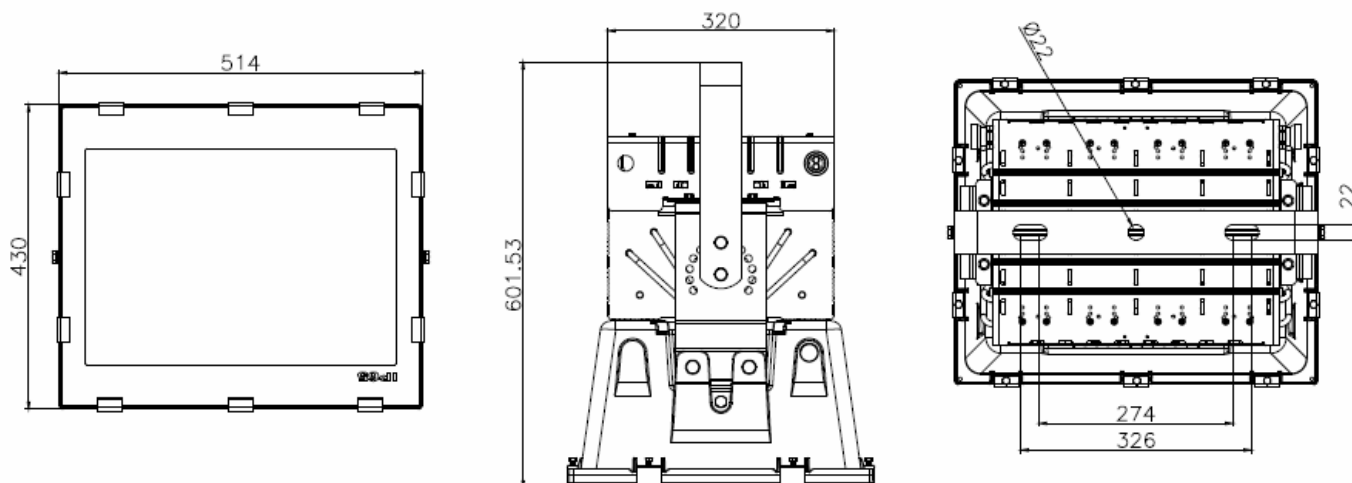
Attentions:

1、All dimension units are millimeters.

2、All dimension tolerance is ±1mm unless otherwise noted.

4、Product exploded pictures:

- Tempered glass
- Reflector
- "C" type buckle
- Silicone ring
- PCB
  (LED light source,not standard equipped)
- Die-cast heatsink base integrated with cooling fins
- Body of heatsink
- Respirator
- Driver
  (Not standard equipped)
- Waterproof connector
- Driver box
- Bracket
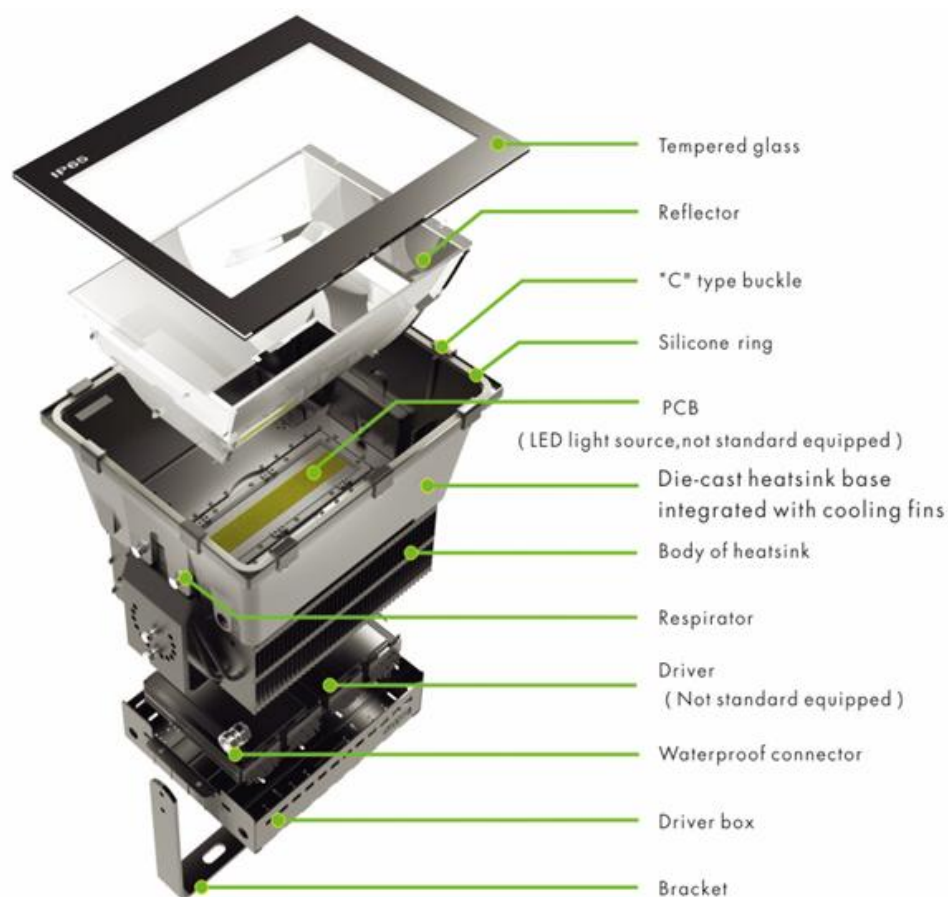
5、 Product Specification:

Input voltage: AC100V～240V

Frequency range: 50Hz～60Hz

Total harmonic distortion: ≤9%

Power factor: ≥0.9

Power efficiency: ＞85%

System consumption: 1000W

LED package: CREE XTE

LED consumption: 1000W

LED Working voltage: DC33～39V

LED quantity: 440PCS

Driver: 4pcs Meanwell HLG

LED luminous: ＞80100 lm

LED luminous efficiency: 85～95 lm / W

CRI: ＞, 0

LED Junction temperature: ≤85℃

Operational condition: Temperature   -40℃～60℃

Humidity   10%～90%RH

Storage temperature: -40℃～85℃

Working life-span: ＞50,000H

Beam angle: 90°*50°，90°*10°

IP Grad: IP65

Housing: Glass and AI alloy

Mounting Height: Suitable for 10～50m height

3 Years warranty

6、 Connect wire:

- Blue—Neutral
- Brown—Line
- Yellow/Green—Ground

Bule
Brown
Yellow/Green

7、 Photometry (AAI Figure   CCT:5500K):

65.62ft	14.01,17.96fc		54.71ft
20m	150.8,193.41x		1667.42cm
131.2ft	3.503,4.491fc		109.4ft
40m	37.71,48.34lx		3334.83cm
196.9ft	1.557,1.996fc		164.1ft
60m	16.76,21.49lx		5002.25cm
262.5ft	0.8758,1.123fc		218.8ft
80m	9.427,12.091x		6669.66cm
328.1ft	0.5605,0.7186fc		273.5ft
100m	6.033,7.735lx		8337.08cm
Height	Eavg,Emax	Angle:45.26deg	Diameter

65.62ft	21.09,27.40fc		20.72ft
20m	227.0,294.91x		631.47cm
131.2ft	5.273,6.849fc		41.44ft
40m	56.76,73.73lx		1262.94cm
196.9ft	2.344,3.044fc		62.15ft
60m	25.23,32.77lx		1894.41cm
262.5ft	1.318,1.712fc		82.87ft
80m	14.19,18.43lx		2525.88cm
328.1ft	0.8437,1.096fc		103.6ft
100m	9.082,11.80lx		3157.35cm
Height	Eavg,Emax	Angle:17.94deg	Diameter

8、 Installation:

- Installation tool: A adjustable wrench group.
- Installation Steps:
  ① Remove the hexagonal screws on the floodlights handle,then adjust the angle you need,finally Tighten Axle Screw, and Locate Screw Tighten Axle Screw, and Locate Screw
  ② Connecting the power line of LED Flood Light to the power supplier ,finish the installation procedure
- The installation notices:
  ① No necessary using other devices for LED Flood light installation such as stabilizer,   regulator and so on
  ② Opening the light and lifting the buckle is unallowable.
      Soaking in the water is unallowable

9、Warning:

- Do Not Use Other Devices for LED Floodlight Installation Such as Stabilizer, Regulator …etc
- Do Not Open the Light Engine
- Do Not Soak the Floodlight into Water
- Do Not Light up the System Without Grounding
- Do Not Use Dimmer

SPORT STADIUM

GOLF COURSE