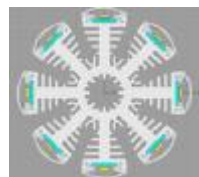
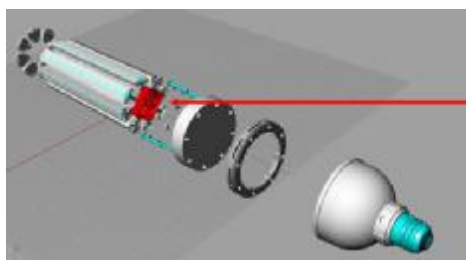




**Advantaged and patented heat sink constructure
----alum heat sink design**



**Long lifetime of Fan inside for
35w and 45w only**



Spec.:

Working Voltage: 110/220VAC, or 12VDC

Frequency Range: 47 ~ 63 Hz

Power Factor (PF) : >0.9

Emission Color:

warm white: 3000-5000K, cool white: 5000-7000K.

Luminescence Angle: 360° (H); 130degree(V)

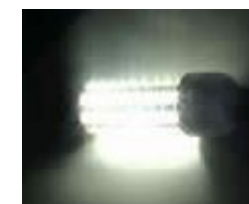
Working Temperature: - 30 ° C ~ 45 ° C

Working Humidity: 10 % ~ 90 % RH

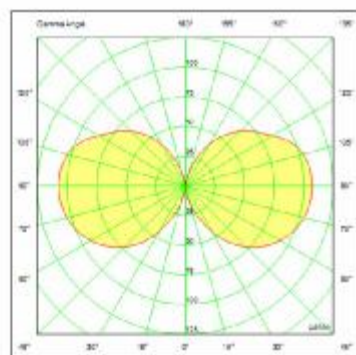
Working Life: > 30,000 Hrs

Certification: CE, RoHS

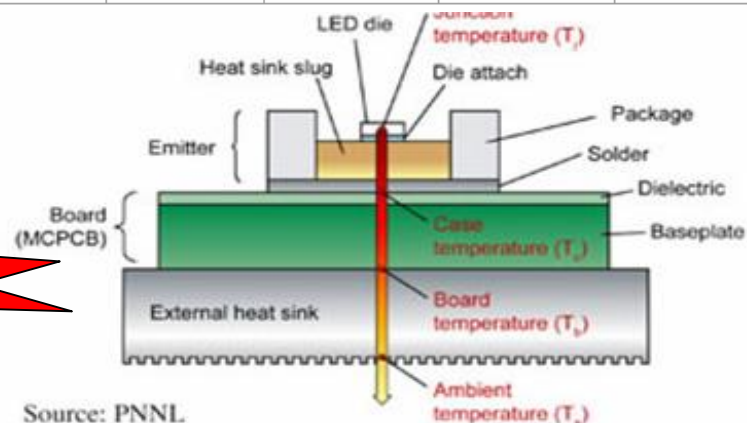
Warranty: 3 year.



| LED quantity | 32pcs | 48pcs | 72pcs | 72pcs | 144pcs |
|----------------------------|------------------------------------|------------------------------------|----------------------------|--------|--------|
| Power(watt.) | 12W | 18W | 25W | 35W | 40W |
| Size(D*L-mm) | 72*165 (E27) 72*175 (E40) | 72*198 (E27) 72*209 (E40) | 72*245(E27) 72*257(E40) | | |
| Led output(lm) | 950 | 1500lm | 2000lm | 2500lm | 3000lm |
| Acctual lamp Output(lm) | 720lm | 1000lm | 1500lm | 1800lm | 2300lm |



Hot-sell



Source: PNNL

<http://www.liangyangtech.com>

financial comparisons.

To run a traditional 150 watt floodlight for a year uses 602.25 kilowatt hours = electricity running cost around £ 79.70 per annual

To run a 30 watt (150 watt equivalent) LED floodlight uses 120.45 kilowatt hours = electricity running cost around £ 15.94 per annual saving £ 63.76 per floodlight per year
(operation by photo-eletric cell = 4100 hours per year)

application areas:

The High Power LED floodlight can be broadly used in - Square, High building wall, Architect building, Church, Hotel, Home, Bridge, Tree, Landscape etc etc.

advantages:

long lifespan 50,000 hours 60% less power consumption than traditional light sources low heat emission environmental protection super bright illumination reliability maintenance free

60W Led flood light

70W Led flood light

80W Led flood light

Beam angle:100-120degree

Lum.:4800lm(60W);5600lm(70w); 6400lm(80w)

Input Volt.:85-260VAC

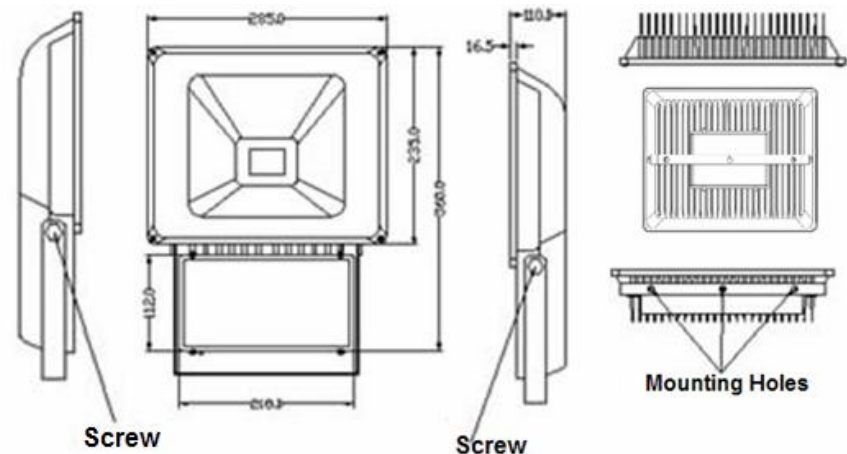
IP65 waterproof

Die casting Aluminum with 5mm High then clear glass

Led color: red/green/blue/warm white/cool white

Equivalence:

60W=400w ; 70W=500w 80w=600w ; sodium/MHL

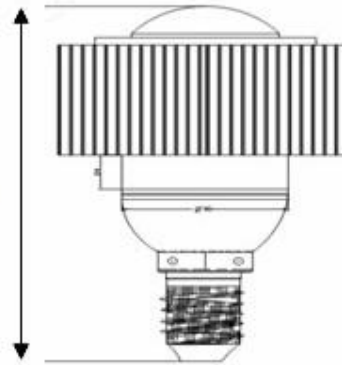


<http://www.liangyangtech.com>

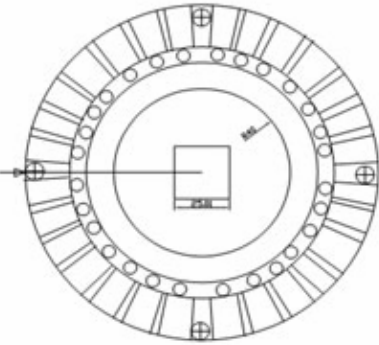
LY-H2-W30



250mm



150mm



30W Led highbay bulb

Dimension: $\Phi 150 \times 250$ (mm)

Weight: 2.5kg

Emission Color: Pure White, Warm White

Luminescence Angle: 360° (H), 120° (V)

LED quantity: single powerful LED(50W)

Lumens: 2400lm

Working Voltage: 90-265VAC,

Power Consumption: 30W

Lamp Base: E40

Certification: CE, RoHS

MOQ: 10pcs

Warranty: 3 years.

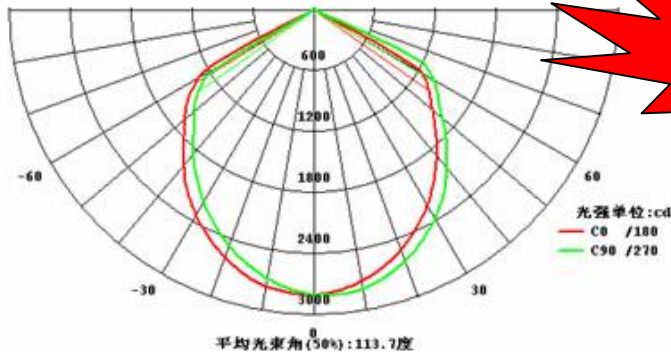
Illumination Area

Height



Average Illumination

Height



Hot-sell

Color temp.reference

white: 5000-5500K

warm white: 3500-4000K

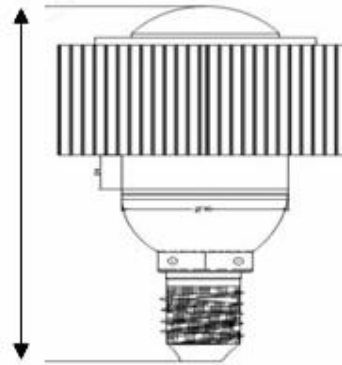


<http://www.liangyangtech.com>

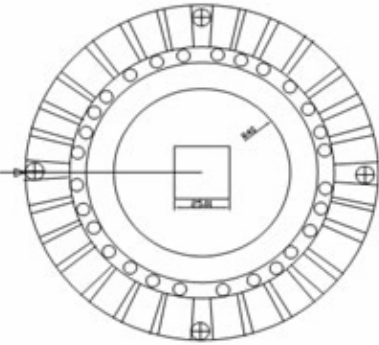
LY-H2-W50



250mm



150mm



50W Led highbay bulb

Dimension: $\Phi 150 \times 250$ (mm)

Weight: 2.8kg

Emission Color: Pure White, Warm White

Luminescence Angle: 360° (H), 120° (V)

LED quantity: single powerful LED(50W)

Lumens: 4000lm

Working Voltage: 90-265VAC,

Power Consumption: 50W

Lamp Base: E40

Certification: CE, RoHS

MOQ: 10pcs

Warranty: 3 years.

Average Illumination

Height

4m

6m

8m

10m



Luxes

120lux

62lux

38lux

21lux

Illumination Area

Height

4m

6m

8m

10m

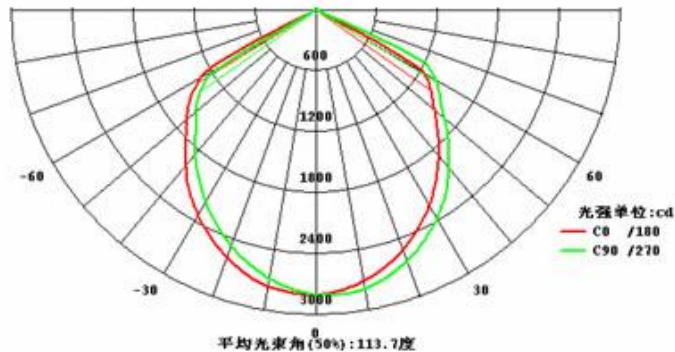


7×7 m

11×11 m

14×14 m

18×18 m



Color temp.reference

white: 5000-5500K

warm white: 3500-4000K

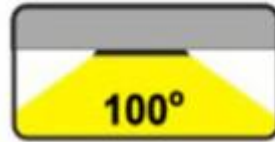


<http://www.liangyangtech.com>

20W Led down light

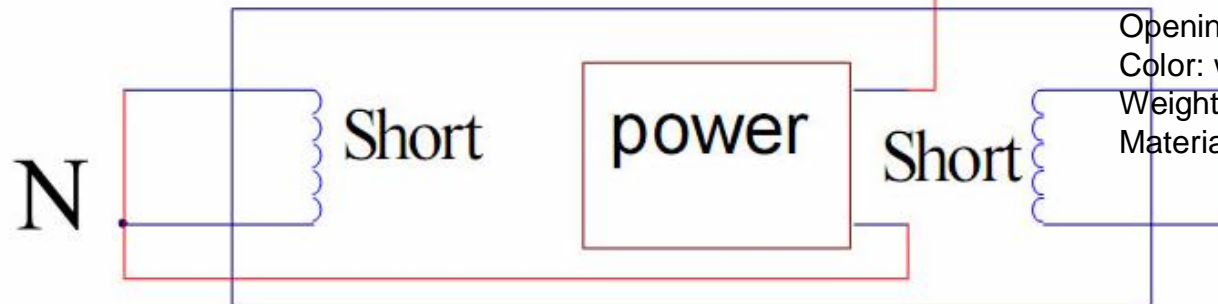
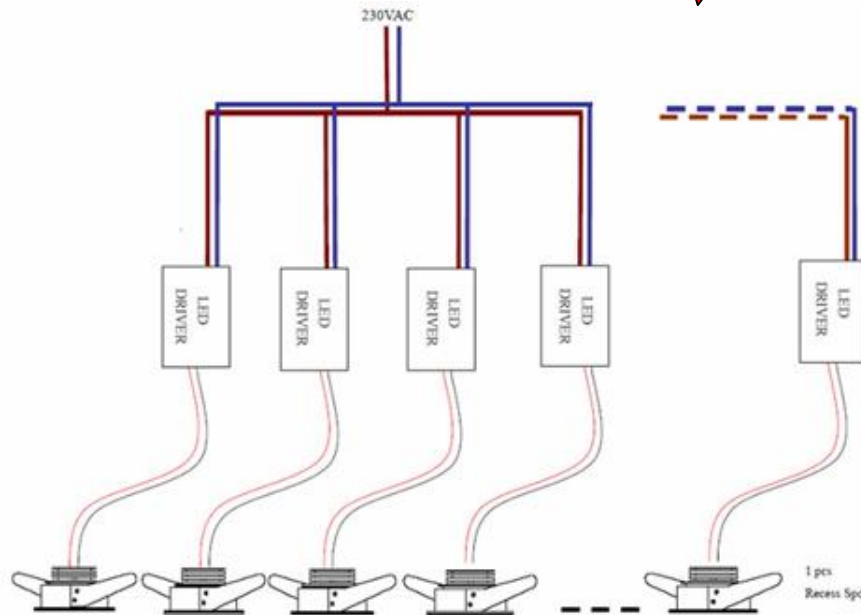
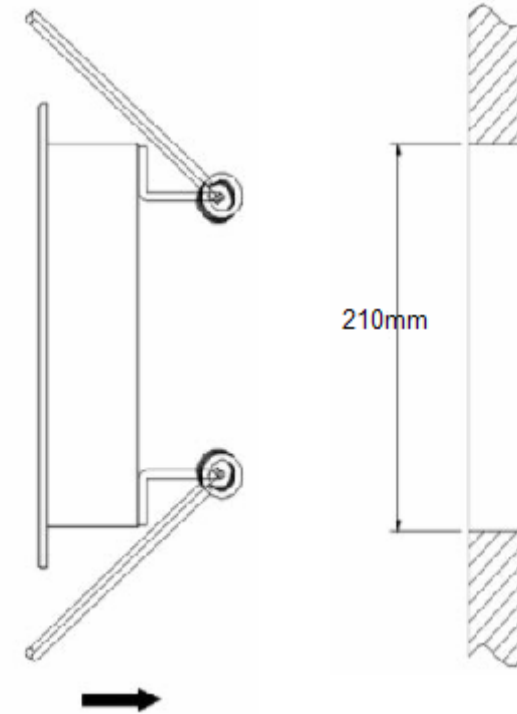


Beam angle



Hot-sell

INSTRUCTION OF INSTALLATION



LY-TH051-R020

20W LED Down Light

Input Voltage: AC80V~AC265V 50/60Hz

Power consumption: 20W

Color: pure white

Power supply: external constant current

Dimension: Dia: 230mm * Length: 106mm

Opening: Dia 210mm

Color: warm white, white, cold white

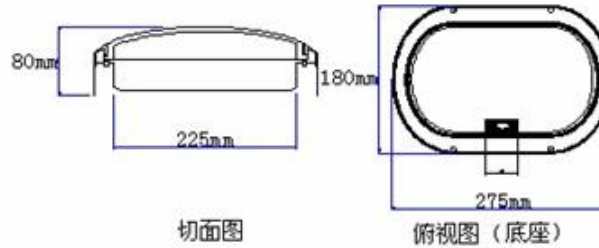
Weight ((with driver): 1.137kg (N.W.), 1.453kg (G.W.)

Material: Aluminum housing and PMMA cover

LY200S15W-275PA

IP65 Water-proof

1.2 Optical Parameters



| Code | Items | Parameters |
|------|-----------------------|-----------------------|
| 1 | Peak Light Intensity | 428.74cd |
| 2 | Luminous Flux | 900lm |
| 3 | Color Rendering Index | >0.75 |
| 4 | Color Temperature | 2800-3200K/5700-6100K |

1.Parameters: 1.1. Electricity Parameters



| Code | Items | Parameters |
|------|---------------------|------------|
| 1 | Input Voltage | 85-265VAC |
| 2 | Input Current | 0.058A |
| 3 | Power | 15W |
| 4 | Output Voltage | 30V |
| 5 | Output Current | 0.4A |
| 6 | Power Factor | >0.85 |
| 7 | Luminous Efficiency | ≥80% |

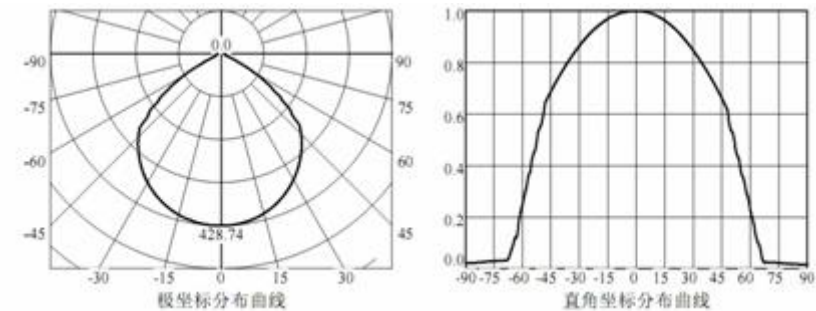
1.3 Physical Parameters:

| Code | Items | Parameters (Driver) | Parameters (Light Source) | Parameters (Light Body) |
|------|--------|---------------------|---------------------------|-------------------------|
| 1 | N.W | 73g | 37g | 720g |
| 2 | Length | 87mm | 117mm | 275mm |
| 3 | Width | 38mm | 56mm | 180mm |
| 4 | Height | 23mm | 4mm | 75mm |

2.Installation Picture:



3. Light Intensity Distribution Curve



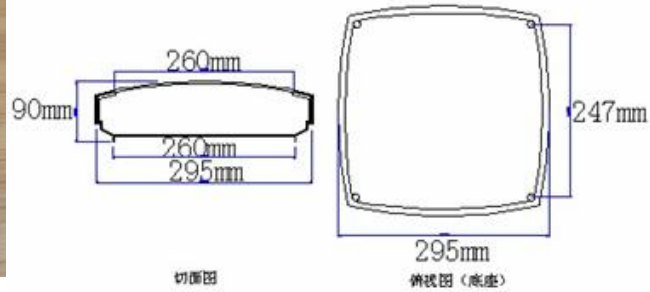
4. Attentions:

- 4.1. Do not crush, press top of light, to protect the lamp cover.
- 4.2. Yellow, green cable is Protective Grounding wire, the other two wires is AC Input Power Wire.
- 4.3. Take 2pcs 5*83mm screw to fix the lamp to the wall, and 2pcs 5*15mm screw to fix the lamp and the lamp cover.

<http://www.liangyangtech.com>

LY300S20W-295PA

IP65 Water-proof

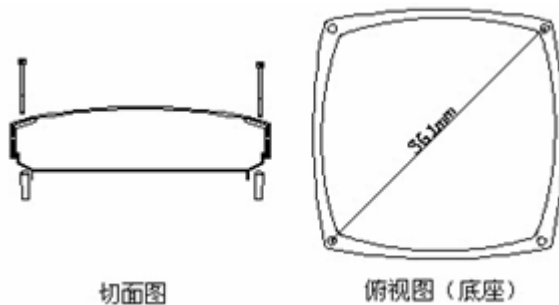


1.Parameters:

1.1. Electricity Parameters

| Code | Items | Parameters |
|------|---------------------|------------|
| 1 | Input Voltage | 85-265V |
| 2 | Input Current | 0.08A |
| 3 | Power | 20W |
| 4 | Output Voltage | 30V |
| 5 | Output Current | 0.6A |
| 6 | Power Factor | >0.9pf |
| 7 | Luminous Efficiency | ≥80% |

2.Installation Picture:



3. Attentions:

- Do not crush, press top of light, to protect the lamp cover.
- Yellow, green cable is Protective Grounding wire, the other two wires is AC Input Power Wire.
- Take 2pcs 5*83mm screw to fix the lamp to the wall, and 2pcs 5*15mm screw to fix the lamp and the lamp cover.

1.2 Optical Parameters

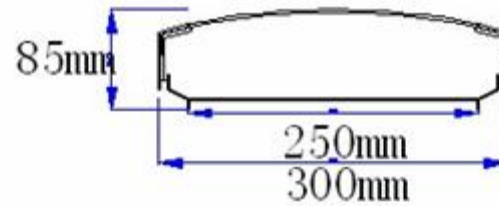
| Code | Items | Parameters |
|------|-----------------------|-----------------------|
| 1 | Peak Light Intensity | |
| 2 | Luminous Flux | 1300lm |
| 3 | Color Rendering Index | >75Ra |
| 4 | Color Temperature | 2800-3200K/5700-6100K |

1.3 Physical Parameters:

| Code | Items | Parameters (Driver) | Parameters (Light Source) | Parameters (Light Body) |
|------|--------|---------------------|---------------------------|-------------------------|
| 1 | N.W | 73g | 52g | 1420g |
| 2 | Length | 87mm | DIA: 117mm | 295mm |
| 3 | Width | 38mm | | 295mm |
| 4 | Height | 23mm | 4mm | 90mm |

LY300S20W-300PA

IP65 Water-proof

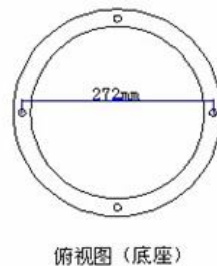


1.Parameters:

1.1. Electricity Parameters

| Code | Items | Parameters |
|------|---------------------|------------|
| 1 | Input Voltage | 85-265V |
| 2 | Input Current | 0.08A |
| 3 | Power | 20W |
| 4 | Output Voltage | 31V |
| 5 | Output Current | 0.6A |
| 6 | Power Factor | >0.9pf |
| 7 | Luminous Efficiency | ≥80% |

2.Installation Picture:



3. Attentions:

- 3.1. Do not crush, press top of light, to protect the lamp cover.
- 3.2. Yellow, green cable is Protective Grounding wire, the other two wires is AC Input Power Wire.
- 3.3. Take 2pcs 5*83mm screw to fix the lamp to the wall, and 2pcs 5*15mm screw to fix the lamp and the lamp cover.

1.2 Optical Parameters

| Code | Items | Parameters |
|------|-----------------------|-----------------------|
| 1 | Peak Light Intensity | |
| 2 | Luminous Flux | 1300lm |
| 3 | Color Rendering Index | >75Ra |
| 4 | Color Temperature | 2800-3200K/5700-6100K |

1.3 Physical Parameters:

| Code | Items | Parameters (Driver) | Parameters (Light Source) | Parameters (Light Body) |
|------|--------|---------------------|---------------------------|-------------------------|
| 1 | N.W | 73g | 52g | 1370g |
| 2 | Length | 87mm | DIA: 117mm | DIA: 300mm |
| 3 | Width | 38mm | | |
| 4 | Height | 23mm | 4mm | 85mm |