

SPECIFICATION FOR APPROVAL



Product Model: YW5001-28W

Product Name: 28W LED Street Light

Reported By	Audited By	Approved By
Peter Zhang	Jesse	Frank Sun
2010-09-25	2010-09-25	2010-09-25

Features:

- ◆ Using single powerful LED as light source, high efficiency imported LED chips.
- ◆ Special design of integration for heat sinks and housing; The LED is closely connected to the surface. The heat from the LED is removed through the heat dissipation wing and also by air ventilation. This ensures 50,000 hours life-span for the LED. If it works 11-12 hours per day, it can work over 10 years.
- ◆ New high efficiency constant current driver. Wide range of input voltage: AC85-265V.
- ◆ No delay start. No waiting. It can reach its normal light as soon as it is turned on. No noise.
- ◆ Obvious power-saving efficiency. Use powerful LED light source and high efficiency imported LED driver. Compare with sodium lights, it can save electricity around 60%.
- ◆ Environment friendly and no air pollution. We exert the design of using cold light source. It's no heat radiation. There is no ill to our eyes and skin. The floodlights do not have lead, hydrargyrum and any other contamination. It is really environment friendly with ROHS certificate

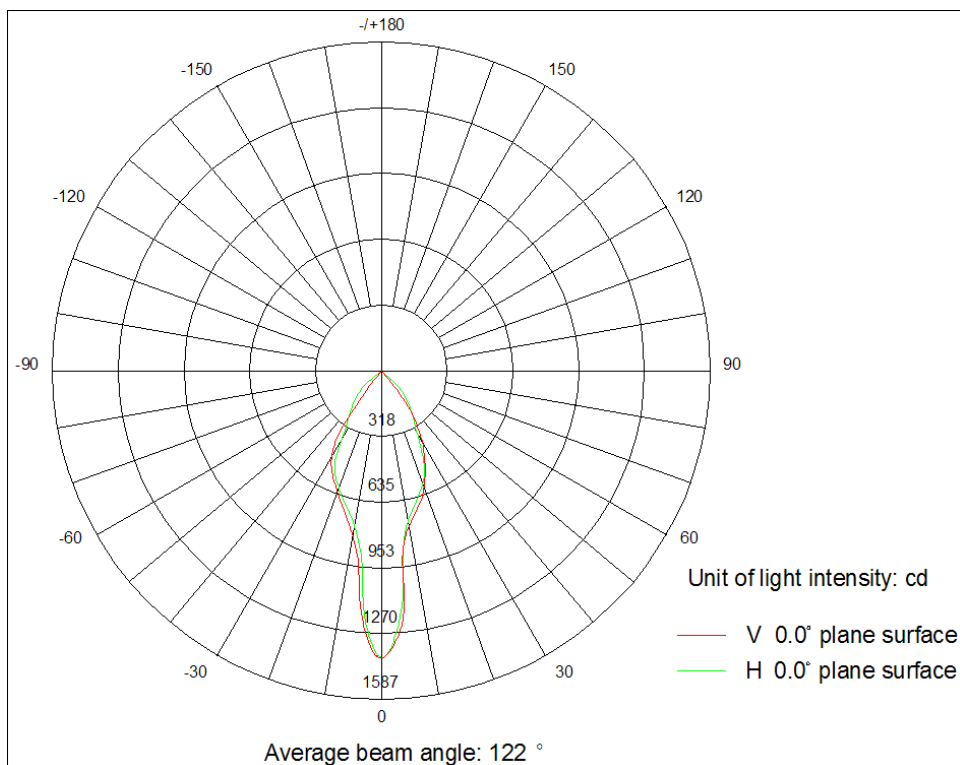
Applications:

Street, Garden, Courtyard, and other public lighting places.

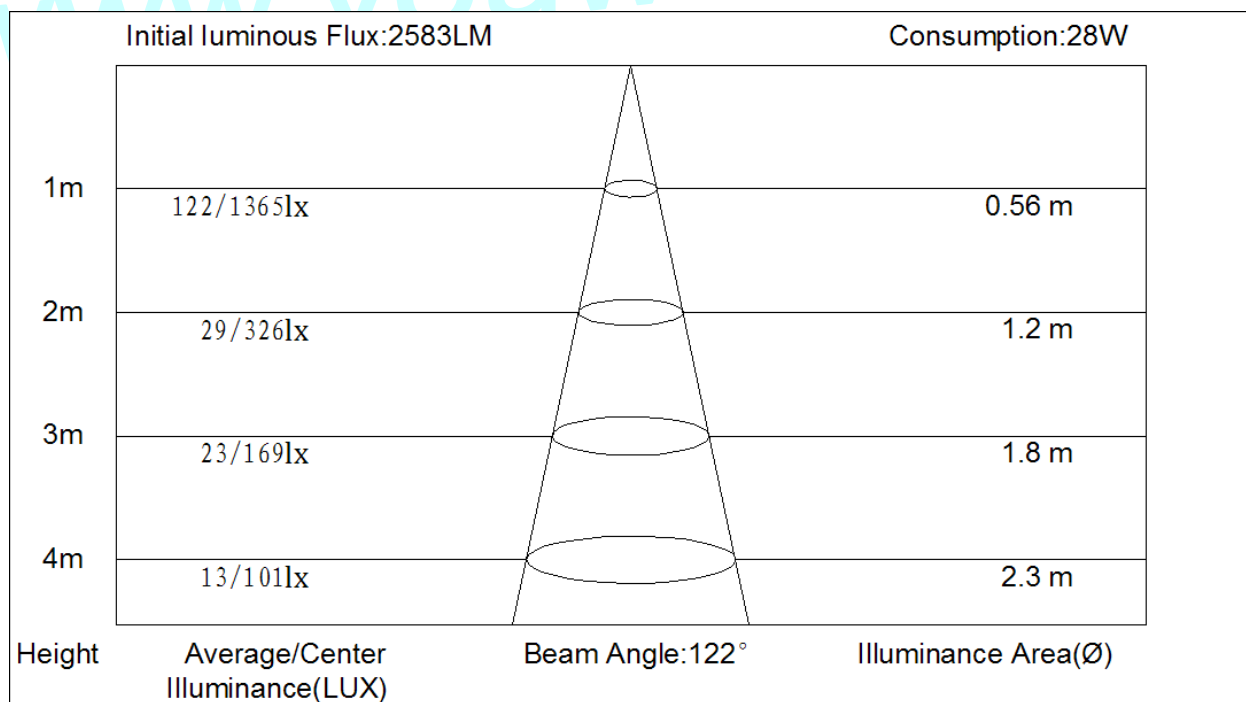
MAIN SPECIFICATIONS (T=26℃)

NUMBER	ITEM	DESCRIPTION
01	Input Voltage	AC85-265V 50~60Hz
02	LED	28 PCS
03	Power	28W
04	LED Efficiency	90-100Lm/W
05	Initial Flux	>2600Lm (Cool White) >2660Lm (Natural White) >2520Lm (Warm white)
06	Power factor	>0.97
07	Color	Warm White Natural White Cool White
08	Color Temperature	2700-3300K (Warm White) 4000-5000K (Natural White) 5300-7000K (Cool White)
09	Center Illuminance	2M: 326 Lux 3M: 169 Lux 4M: 101 Lux
10	Beam Angle	120°
11	Light Design	LED + Reflector secondly light distribution
12	Life Time	>50,000 Hours
13	Operating Temperature	-10℃ to +40℃
14	Storage Temperature	-20℃ to +60℃
15	Certifications	CE, RoHS
16	Weight	1.14KG
17	IP Code	IP54

Light distribution graph:



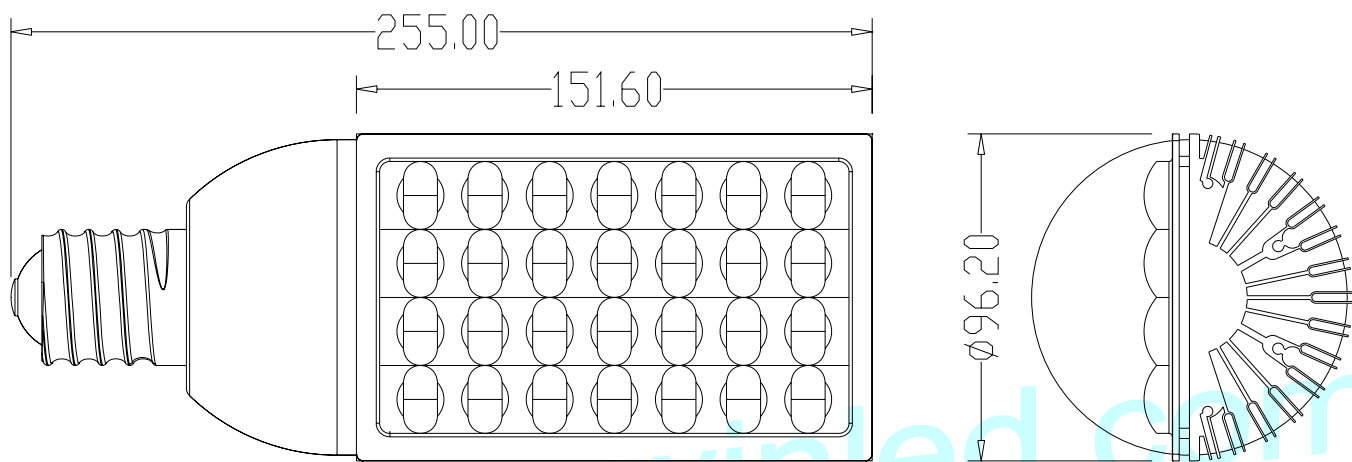
Illumination intensity chart:



LED Lumen Attenuation:

Operating time(hours)	Lumen decrease(%)
5,000	2.4
10,000	5.2
20,000	11.3
50,000	24.5

Dimensions:



Notes:

1. All dimension units are millimeters.
2. All dimension tolerance is $\pm 0.5\text{mm}$ unless otherwise noted.

Safety Notice for Using:

- ◆ Please always use the light out of its package.
- ◆ Before starting use of the light, please check if the light was damaged during transportation. If any damage shown, please DO not install or use it.
- ◆ Any maintenance should be performed by trained professionals only.
- ◆ Keep packaging materials away from the reach of children and pets. Risks of suffocation!
- ◆ Caution. The packaging contains small parts that may be swallowed by children.
- ◆ Never leave children unattended in the vicinity of the lights and do not allow them to play with electrical devices.
- ◆ Try to avoid looking directly in the LED beam-especially for extended periods of time. Do not shine the LED light in another person's eyes.
- ◆ Never cover the light by other objects.
- ◆ The products needed to re-repair, inspection or special treatment of retirement after service time.

Maintenance:

- ◆ Prior to cleaning the light, make sure it has been disconnected from the power supply.
- ◆ Use a dry or slightly moistened cloth for cleaning.
- ◆ Never use any chemicals or abrasives for cleaning.

Proposal:

Used electronic devices must be collected for recycling and can not be deposited together with daily garbage.

Installation:

- ◆ This product should be installed by trained electricians.
- ◆ Check integrity of the products when unpack the packing.
- ◆ When laying the cables, make sure that the cables and plugs are not subjected to any tensile or twisting forces. Fit the cable tension relieving mechanisms to the connection points of the surface-mounted lights. Do not kink cables. Output cables should be laid separately and at a distance from other cables.
- ◆ Used only the LED driver included, and do not connect the surface-mounted lights to other loads.
- ◆ Do not remove the name plate of the power supply and driver of the light.

Notes:

Non-professionals are not allowed to disassemble and maintain the products. We have the right not to provide after-sale service if unauthorized disassembly and maintenance happens to the products.