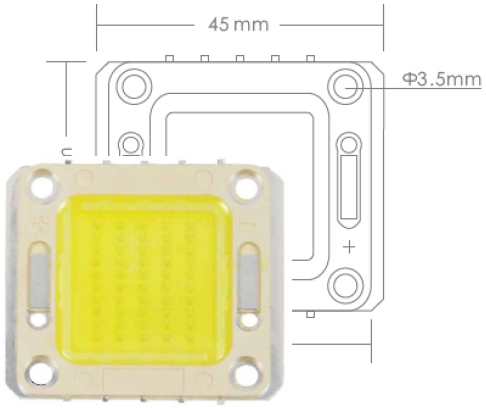


LED Facts: High intensity discharge lamp Lumens are measured spherically, counting all the lumens being produced over 360 degrees. The discharge arc tube is NOT a point source and is difficult to optimize optically, making for poor light collection efficiency and utilization. Many light fixtures, especially type 2 and 3 with a cutoff rating have to redirect most of the lumens produced by a bulb, losing as much as 50% of the output.

LEDs on the other hand are directional; essentially point sources and have practically no wasted lumens. Virtually every LED Lumen is directed and placed to maximize efficiency. A better and more accurate evaluation is to measure actual foot candles or LUX on the ground. One last note that needs to be considered is the considerable initial light output loss of HPS or MH within the first 6 months. LEDs have no such drop and will deliver useful light [with only 30% depreciation] for 12 to 15 years before needing replacement.

Features:

1. Uses the most single powerful LED (30W-120W) as the light source in the world, using our proprietary LED encapsulation. Utilizes the special design of multi-chip single module high brightness semiconductor chips.

2. Integrative fixture design heat sink housing; The LED is closely connected to the surface for better thermal cooling. The heat from LED is removed through the heat dissipation wing and also by air ventilation. Our fixture design ensures a 50,000 hour and longer life-span for the LED. The LED working 12hours per day, can work over 10 to 12 years, reducing maintenance and replacement cost up to 50% and more.

3. The die-casting aluminum alloy fixture housing is very effective in waterproofing and dust prevention helping reduce heat properly. The surface of the light is specially treated, making it able to bear ultraviolet rays and resist corrosion. The complete light meets IP65 International standards.

4. This fixture uses a monomer ellipse reflector with a spheroid cambered surface so it can control the distribution of the LED light pattern in a most needed area. This special design can improve the uniformity of the light and the utility ratio of energy used. Compared with traditional sodium lights, it can save electricity more than 60%.

5. This technology offers no ill glare and no abrupt and frequent flashes. This design ensures the elimination of glare, vision fatigue and disturbance aroused by traditional street lights and also can improves the safety of the driver.

6. There is no start delay or no waiting. Our Thermal LED Street Light can reach its full potential light as soon as it is turned on. And avoid the long starting time process of traditional lights.

7. Our State of the Art Environmentally friendly LED Chip Lights do not have lead, hydrargyrum, or any other contaminants sending no pollution to our atmosphere..

8. This technology is an excellent partner for solar. It can exert many merits such as working with DC and lower voltage.

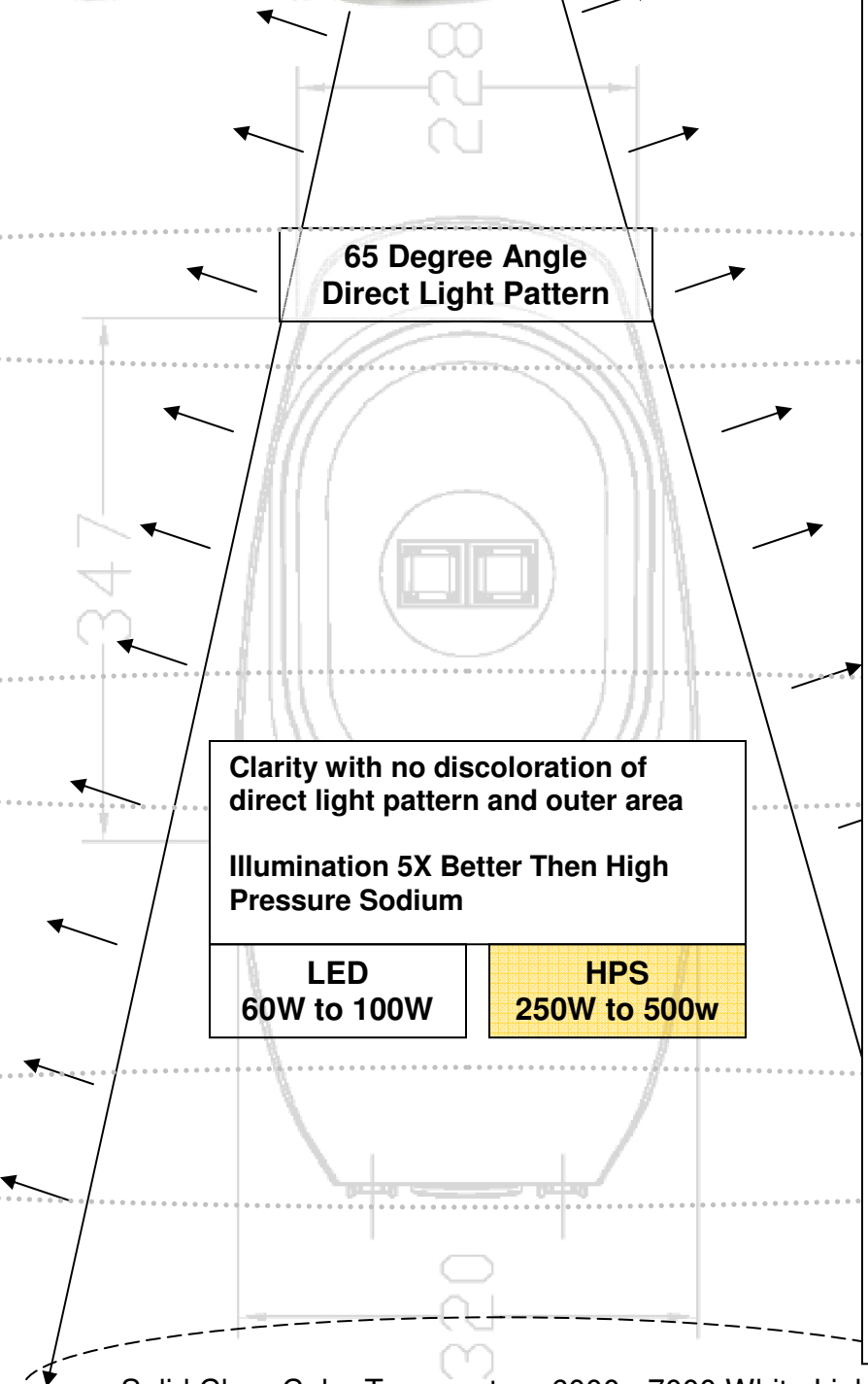
ASXLD-8000 LED Chip 40W to 120W Street Light

LED 75%

* Energy Savings
* Lower Replacement Cost
* Much Cooler Operating

Thermal Design

LED Chip is High Density direct light pattern over HPS with no color tint…



12V Plug-N-Play

* Our Thermal Cooled LED Chip Street Light is the single most powerful cost efficient LED light in the world over basic LED and High Pressure Sodium Bulbs, just naming two of them.

* Compared with sodium street lights, our LED Chip can save 50%-75% electricity cost.

* Compared to basic LED bulbs, LED Chip Technology can reduce replacement cost up to 75% and produce more luminance over all.

Main Features:

1. LED Chip Source: High Power LED (40-120W)
2. Luminous Efficiency: ≥80lm/W
3. Input Voltage: AC (85V～265V)/ frequency (50～60Hz) DC (12V 24V)
4. Power Factor (PF): >0.9
5. Efficiency: **100-200lm/w**
6. Efficiency of the Power Supply: >90%
7. Effective Light Angle: 65 Degree
8. Color Rendering Index: >80
9. Color Temperature: 6000K～7000K
10. Net Weight (kg): 9.56 KG
11. Vacuum metallic - membrane plating reflector
12. High density glass lens
13. High efficiency LED driver and semiconductor chips
14. Life Span: 50,000 to 100,000 hours
15. Waterproof Grade: IP65
16. Maintenance replacement cost and down time 50% to 75% less then others
17. No delayed start
18. Eco-friendly: No UV, IR, leads or mercury

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