

Q&A about LED Grow & Aquarium Lights

a) Which brand of chips do you use?

A: Epiled from Taiwan

b) What's the mil for the chips?

A: 1W LED 40mil, 2W LED 45mil.

c) What's the encapsulation angle for the chips?

A: 120 degree.

d) Which kind of material do you use for the outer body?

A: The housing is iron treated with baking varnish.

e) Is there any cooling fans installed on the back? If there is, which brand do you use?

A: Yes. A Chinese local manufacturer called Shenghuida, fan-cooling. The fans quantity will be determined by the light power.

f) When designing & making the grow lights, what methods have been adopted to reduce heat accumulation?

A:

1. First we use 2 layers Alu-based PCB.
2. use silicon gel between the LED and PCB.
3. use heat dissipation fixture.
4. use fans to remove the heat from the heat dissipation fixture.

g) Which brand of driving IC do you use? Is the driving method of constant current type? or constant voltage type?

A: Full range power supply, AC85-264V. Universal to most countries in the world.

h) Which brand of power supply do you use? Is it CE/FCC/RoHS approved?

A: A local Chinese brand called Niuli. CE & Rohs certifications are available. CE & Rohs certificates for the whole grow lights are also available.

i) Do you have waterproof grow lights? What's the IP rate?

A: We only have the waterproof Bar grow light. IP 68.

j) Which type is your best-seller? Could you introduce its USPs (Unique Selling Points) to me in detail?

A: the 90W, 120W and 300W are the best sellers. Our USP is the quality. It is excellent in the excellent internal circuit design and linkage. With only one screw, you can then disassemble the whole light. We offer 2 years warranty for all our LED grow lights. Should any quality issue occurs, if it proves to be caused by our product quality, we will bear the returning shipping cost and provide replacement.