LED SPOT LIGHT 8 W - 50 W
D5007-H2-DIM-MR16

WINSUN

The Highest Brightness and Real Dimmable LED SPOT LIGHT

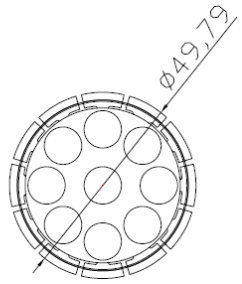
Product Features:

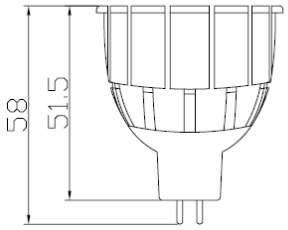
- ***Adopting GENUINE NICHIA LED, lumens of natural white up to 600Lm,and of warm white up to 530 Lm.***
- ***Its form-factor guarantees a 100% form-fit on the back-side of the lamp(exact form fit with halogen lamps)***
- ***Delivers a beam intensity which reaches that of a 50W halogen lamp. That it can replacement for 50W halogen lamp directly.***
- ***Dimmable down to 15% with most of trailing edge dimmers, when in conjunction with recommended electronic transformers.***
- ***0-100% dimmable with PWM or 0-10V dimmer.***
- **It uses an active power factor correction structure to control the input current, so that the PFC can reach over 0.95 when in conjunction with electronic transformer.**

NO UV RoHS Compliant OFF ON

Specification:

Model number	D5007-H2-DIM-MR16(WW)	D5007-H2-DIM-MR16(NW)
LED	NICHIA	NICHIA
Power consumption	8W	8W
Lumens	530lm	600lm
Efficiency(Lm/W)	66lm/w	75lm/w
Color temperature	,2700±100K , 3000±100K	5000±200K
Bean Angle	30°	30°
Input voltage	12VDC/AC	12VDC/AC
Working temperature	-5℃～+35℃	-5℃～+35℃
Base type	MR16	MR16
Dimension	ф49.8×58	ф49.8×58
Net weight	62g	62g
Lifetime(hr)	50000	50000





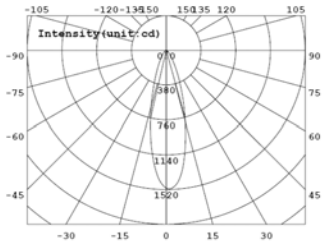
Packaging information:

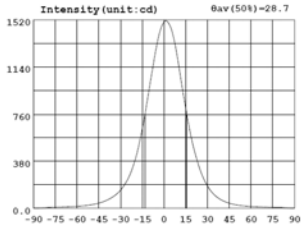
Packing: 100 boxes / carton		
Box	52×52×70(mm)	0.079kg
Carton	46×29×24(cm)	9.1kg

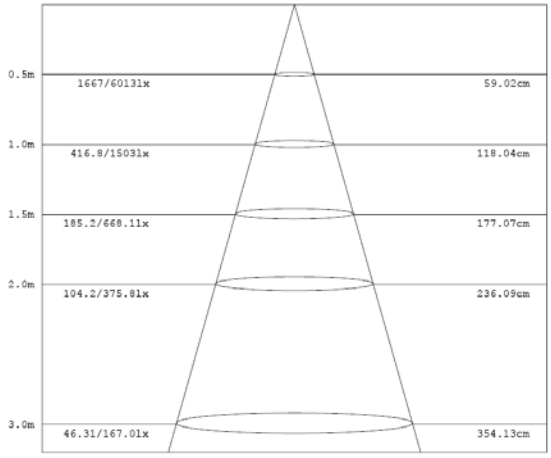
Optical Performance:

Model number	Beam Angle	Color temperature	Light Intensity	Lumens	CRI
D5007-H2-DIM-MR16(WW)	30 degree	3000±200k	1520cd	530	85
D5007-H2-DIM-MR16(NW)	30 degree	5000±200k	1590cd	600	85

D5007-H2-DIM-MR16(WW) 30 degree

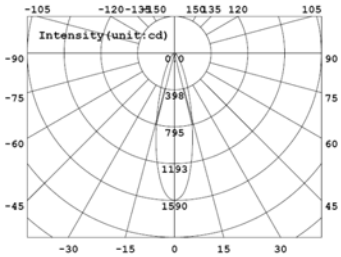


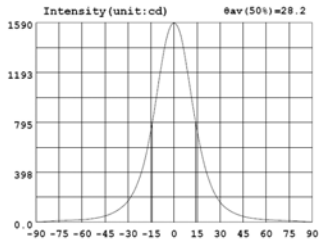


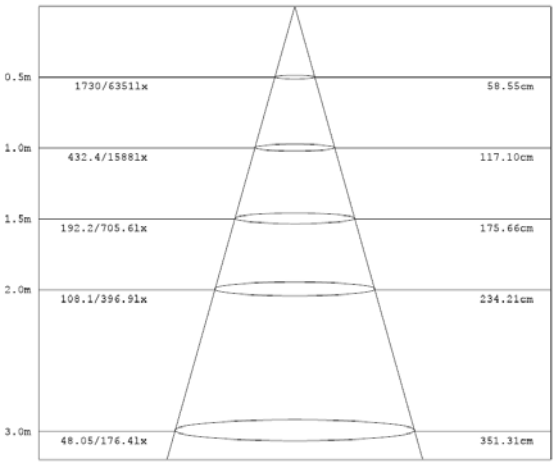


Height Lux Diameter

D5007-H2-DIM-MR16(NW) 30degree







Height Lux Diameter

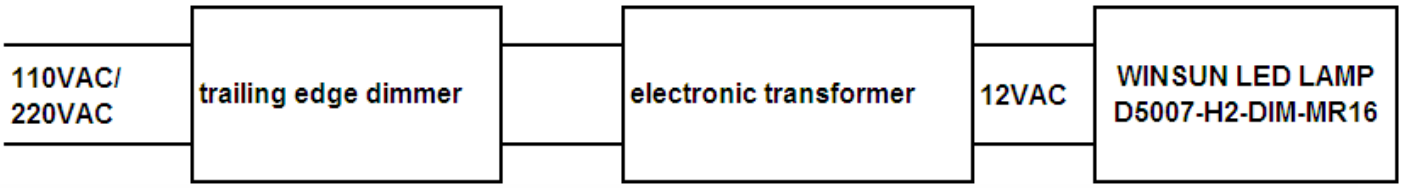
Operating Instruction:

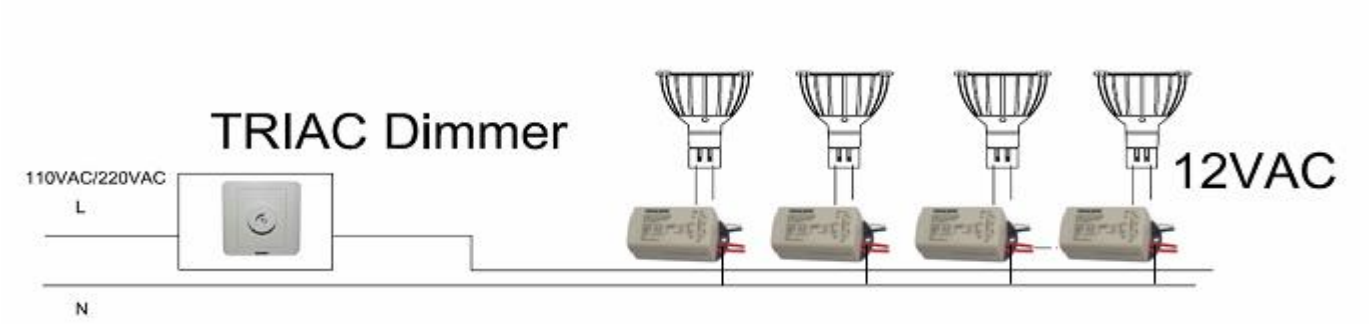
1. **It can smoothly dimmable from 0-100% with PWM dimmer or 0-10V dimmer.**

2. **Dimming can be achieved with trailing edge triac dimmer (110V or 220V) or leading edge triac dimmer (110V or 220V) that rang from 15%-100%. (When using an electronic transformer, in conjunction with a trailing edge dimmer, the performance will be the best)**

3. **As a system, the maximum number of lamps is limited by the maximum power of the transformer, and the load power is calculated based on the wattage of the lamp which is replaced. (Xpcs * 50W), not the lamps' consuming wattage (Xpcs *8W).**

   For example, 60W transformer will only hold 60/50≈1 lamp.





Important Caution:

1. Please make sure work with the correct voltage 12VDC/AC （9-15VDC）. Do not work with24V, 110V or 220V
2. If you choose electronic transformer, please make sure to select a good quality electronic transformer (simplified version is not acceptable), of which the output is 12VAC.
3.When using electronic transformer, the brightness of lamp will be about 90% of the one with DC transformer.
4.Not suitable for high temperature and moisture area.
5.Not suitable for heavy air-polluted area.
6.Not suitable for close system fixture.