

# D5007-MR16 SPOT LIGHT



## **APPLICATIONS:**

**Area:** Indoor use only.No dimmer.

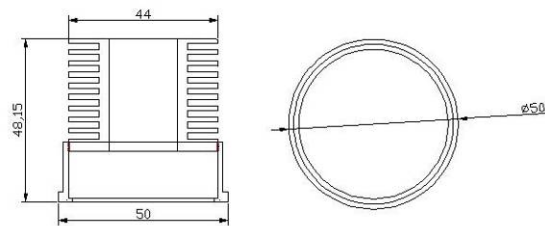
**Purpose:** Accent lighting.Local lighting.

## **ADVANTAGES:**

- Adopting NICHIA's 183 series LEDs with high lumens and long lifetime.
- Direct replacement for most halogen MR16 lamps.
- Unique design for good thermal management.
- Special optical design achieves perfect light performance.

### Specification:

Model number		D5007-MR16(WW)	D5007-MR16(NW)
LED	Origin	NICHIA 183	NICHIA 183
	Lumens/Led	165-175	215-225
	Current	700mA	700mA
Color temperature		2800±200K/3200±200K	5000±200K
Power consumption		7W(3×2.2W)	7W(3×2.2W)
Beam Angle		38°	38°
Input voltage		12VDC	12VDC
Working temperature		-5℃~+35℃	-5℃~+35℃
Base type		MR16	MR16
Dimension		φ 50×48.5(L)mm	φ 50×48.5(L)mm
Net weight		104g	104g
Lifetime(hr)		40000	40000



### Packaging information:

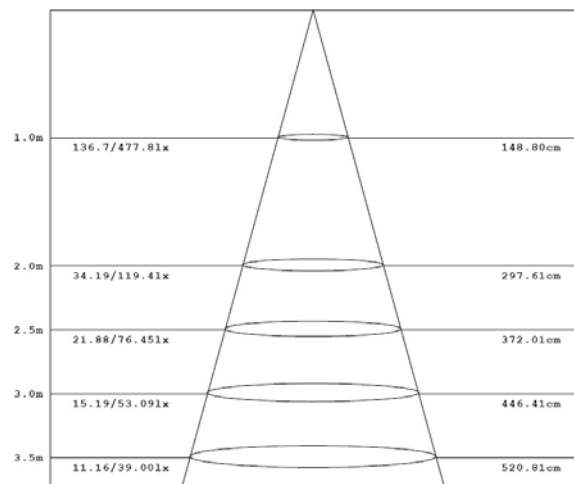
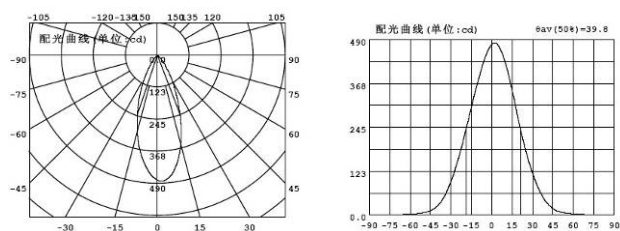
Packing: 144 boxes / carton		
Box	52×52×70(mm)	120g
Carton	57.5×26.5×36(cm)	18.90kg



### Optical Performance:

Model number	Beam Angle	Lumens	CRI
D5007-MR16(WW)	38 degree	308	80
D5007-MR16(NW)	38 degree	450	75

### D5007-MR16(WW)

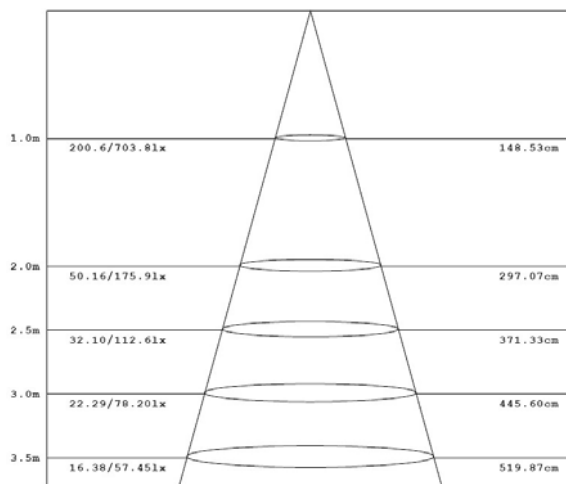
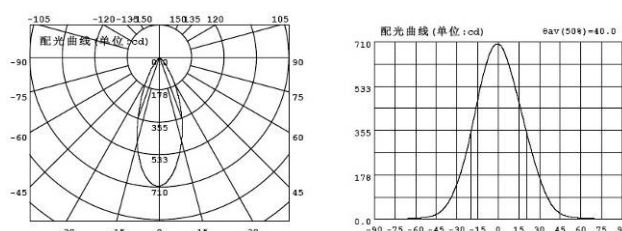


Height

Lux

Diameter

### D5007-MR16(NW)



Height

Lux

Diameter



## **Important Caution**

1. Comparing with powered by DC transformer, the brightness of this lamp will be only 50% when powered by Electronic Transformer, so Electronic Transformer is not recommended for this lamp.
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. If you choose Electronic Transformer, the transformer should be at least 40% load when working, or the LED lamp will not work normally (flicker, not bright enough or other conditions) since the output of the Electronic Transformer will be too low (below 8V).
4. Not suitable for high temperature and moisture area.
5. Not suitable for heavy air-polluted area.
6. Not suitable for close system fixture.