

FDV



BA SpikeLux

BA505- ML07-10W

Introduction



LED Spike light integrates cob light source of fashion design. High lumen, high CRI, low temperature, long lifespan; low working voltage & low power to ensure safe using; portable and easy install into various lawns; It applies to landscaping embellishment lighting for residence and community and all kind of parks.

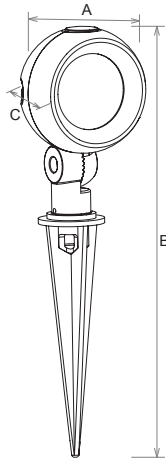
Features

1. Unique model design, super robust and stylish, light head adjustable.
2. ADC12 aluminum heat sink with great heat dissipation and anticorrosion abilities.
3. Built-in driver, AC/DC12V input, safety guarantee.
4. High quality LM80 2835SMD led chip with anti-glare lens, create comfortable lights.
5. IP65 waterproof, IK06 rated.

Application Areas

LED spike light is designed for general lighting applications in courtyard, park, garden, lawn etc.





IP65

36°

60°

PF 1.0

CRI ≥80

50000 HOURS

Measurement

Model	Dimension(mm)			Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
6W / 10W	Ø76	262	57.5	Ø76*262*57.5	0.31	0.39	15.5	21	57*47.5*37.5	50	13500	33000

Technical Data Sheet

Model NO.	ML07-6W		ML07-10W	
Watt(W)	6W		10W	
Dimension(mm)	Ø76*262*57.5			
Rated Input Voltage(V)	AC / DC12V			
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LED	SMD			
SDCM	<6			
CCT(K)	3000K / 4000K / 5000K / 5700K			
"Luminous Flux (lm) ±10%"	1-CCT	NON-DIM	450-550	800-950
CRI	≥80			
Beam Angle (°)	36° / 60°			
LED Driver	Built-in			
Protection Class	Class III			
IP Rating	IP65			
IK Rating	-			
Finishing color	Black RAL 9005			
Material	Aluminium			
Lifetime (hr)	50,000h			
Glow wire test (°C)	-			
Operating Temp.(°C)	-20°C ~45°C			
Storage Temp.(°C)	-20°C ~65°C			
Installation	Insert into ground			
Brand Driver option	-			

Driver Datasheet (Non-dimmable)

Power	6W	10W
Rated Input Voltage(V)	AC / DC12V	
Frequency	50/60Hz	
Input Voltage	AC / DC12V	
Power Factor	1.0	
Efficiency	85%	85%
Total load wattage	6W	10W
Rated Input Current	0.5A	0.85A
Full load output voltage	DC7-10V	DC7-10V
Rated output current	550mA	880mA
Output current range	550mA±5%	880mA±5%
Power tolerance	±5%	
Current output tolerance	±5%	
Short circuit protection	PASS	
Over voltage protection	PASS	
Over temperature protection	PASS	
THD	-	
Surge	-	
Withstand voltage	III 500V	

Installation Procedure

WARNING

1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.



Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

Installation

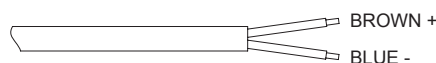
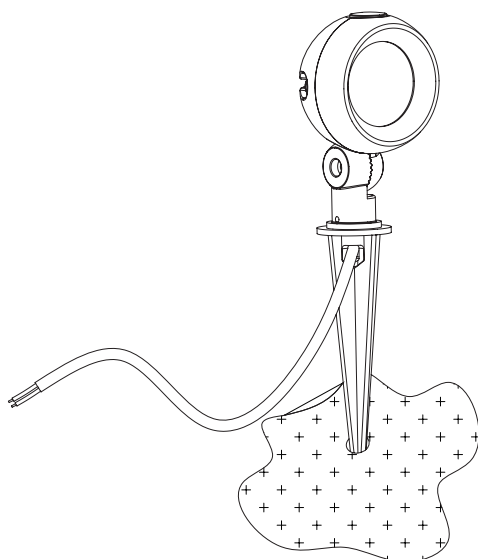


FIG.1

1. Insert LED Spike Light to the ground.
2. Connect the fixture to power AC/DC 12V. Please use waterproof junction box for wiring.
3. Installation complete, turn on the power.