


Product Specification

In 2015 First Edition

Product Name	Floodlight 10w	
Product Model	FD0002	

Optical Parameters		Electrical Parameters	
LED Chip Brand	Epistar	Input Voltage	AC 100~277V
LED Chip Type	COB 10w	Power Frequency	47~63Hz
LED Chip Quantity	1 piece	Output Voltage	DC 24~36V
Color Temperature	3200k / 6000k	Output Current	300mA±3% (Constant Current)
Fixture Efficiency	≥90%	Total Power Consumption	10W±0.5W
Light Efficiency	≥95lm/W	LED Power Consumption	9W±0.5W
Luminous Flux	900~950lm	Power Efficiency	≥85%
Color Rendering Index	≥70	Power Factor	≥0.45
Beam Angle	120°	Total Harmonic Distortion	≤15%

Others			
Heat Sink Surface Temperature	50°C (Ambient Temperature 30°C)	Lifespan	≥50000 Hrs
Luminaire Base Temperature	59°C (Ambient Temperature 30°C)	Fixture Material	Aluminum Alloy
Working Temperature (Ambient)	-25~+45°C	Net Weight	0.33kg±0.1kg
Working Humidity (Ambient)	15%~90%RH	Outlook Dimensions	L114.5mm×W86mm×H100mm
Storing Temperature	-30~+65°C	Light Body Package Outer Dimensions	1 piece/package: L120mm×W95mm×H100mm
HID Replacment	25W		
IP Level	IP65	Reflector Package Outer Dimensions	30 pcs/package: L500mm×W250mm×H320mm

Light Distribution Curve	Physical Dimensions
