



**OVER 8000 SPARKIES  
HAVE MADE THE SWITCH**



## PRODUCT INTRODUCTION

### PRODUCT DESCRIPTION

The JINHANG blue free range of LED downlight is the latest generation of eyes protection LED downlights, new advanced YAG technology LED as light source, no UVA, The spectrum is close to natural sun light, prevent excessive blue light from passing through the lens of the eye and damaging the retina ,the damage caused by excessive blue light is avoided at the root.

Blue light free. Blue light hazard class is RG0 (risk group 0) , tested and verified by UL lab. CRI (Ra)>95,max 98 lights show truest colors of objects, avoid the bad impression caused by color difference

LED driver adopts high precision constant-current driver chip to ensure stable current output, flicker free, avoid eye fatigue caused by flicker.  
low power consumption, long lifespan, reliability and safety.

The isolated housing, which is elegant and stylish, is made of high-purity aluminum and thermal conduction materials (Include metal powder and nanometer materials). Good thermal management ensures stable working of LED, controls light attenuation effectively.

Instant lighting, no glaring. Free of lead, mercury and other harmful substances. Triac dimmable. (Suitable to work with trailing edge , Universal and digital dimmer. LED dimmer .etc)

### PRODUCT FEATURES

- Advanced technology purple light LED light source. Blue free.
- CRI (Ra)>95,max 98 ,
- Flicker free AC constant current driver
- Selectable CCT 3000K, 4000K & 6000K
- Cooling by air convection including aluminium heat sink (in wall) and thermally conductive materials (surface).



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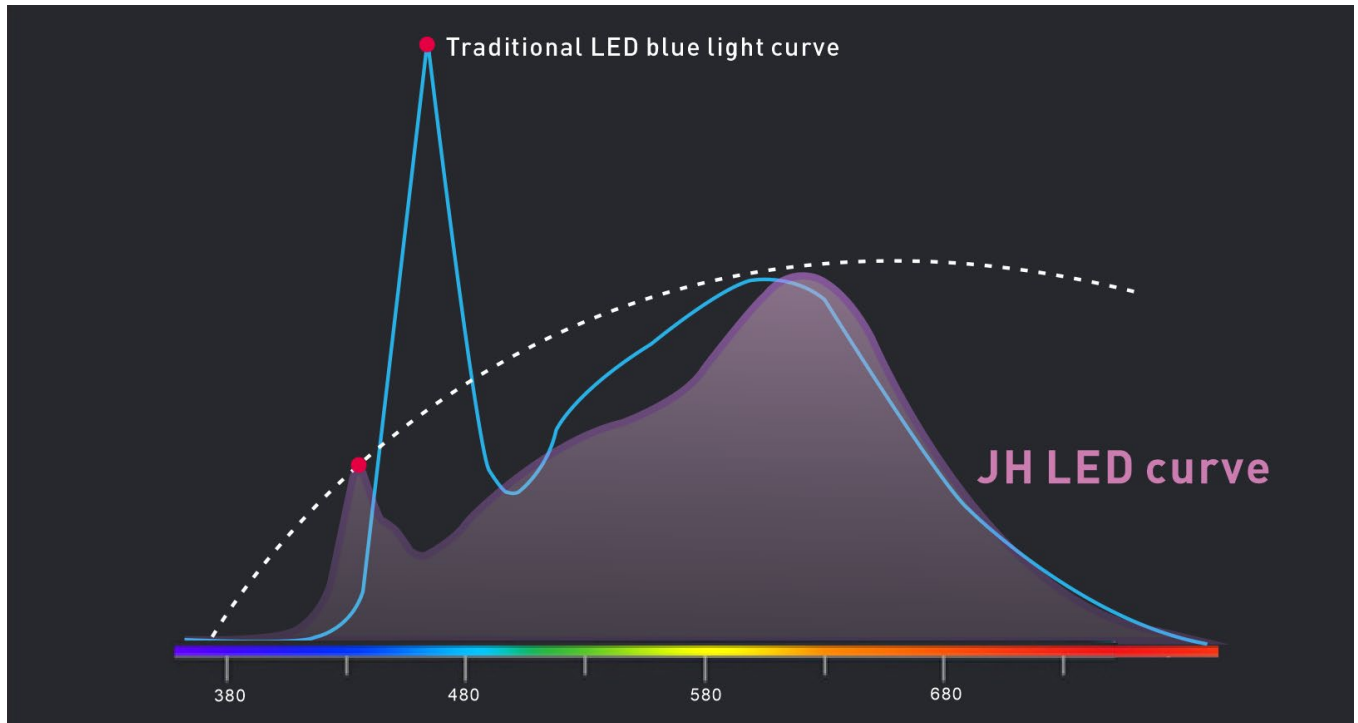
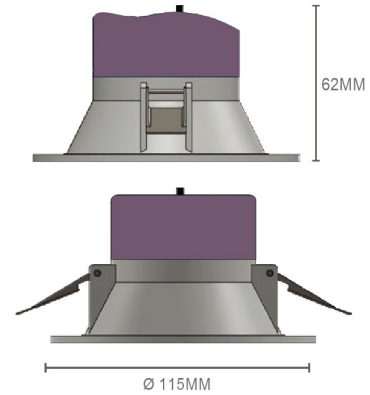
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**JINHANG 10W EYES PROTECTION BLUE FREE LED DOWNLIGHT  
TRI-COLOUR 90MM CUTOUT**



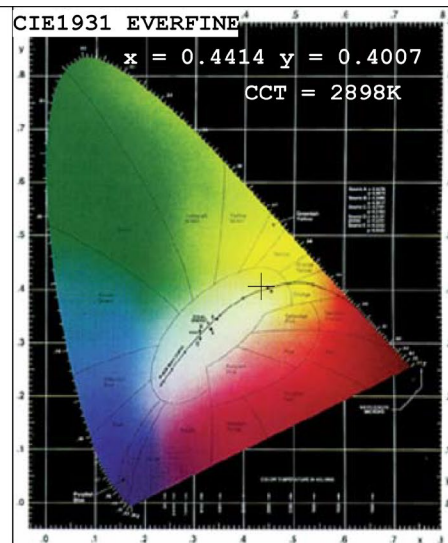
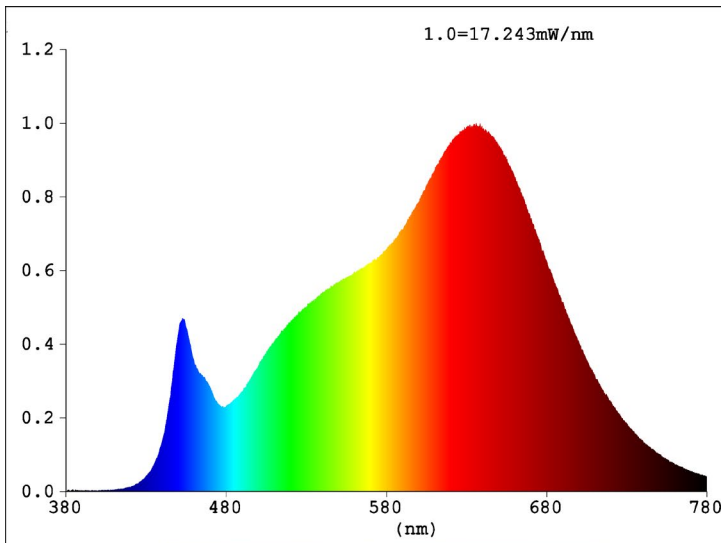
**Low Blue  
Downlight 50%  
below Exempt  
Blue Light Risk  
Group Limit RG0**



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## PRODUCT SPECIFICATIONS:

MODEL	JH-FDL2-P9010D-CCT-BF	HOUSING COLOUR	WHITE
LED BRAND & TYPE	SANAN SMD	MATERIAL	Conduction material+aluminum
INPUT VOLTAGE (V)	220-240	IP	44
PROTECTION CLASS	II	DRIVER TYPE	Constant current
IC RATED	IC-4	AMBIENT TEMPERATURE ( ° C)	-20°Cto +45°C
SPD (KV)	1.5	OPERATING TEMPERATURE ( ° C)	-20°Cto +45°C
POWER FACTOR (PF)	0.9	DIMMABLE (Y/N)	Y
WATTAGE (W)	10	DIMMING TYPE	TRIAC DIMMING
FLICKER FREE (Y/N)	Y	INSTALLATION TYPE	RECESSED
LUMEN OUTPUT (LM)	750-850	CUT-OUT (mm)	Φ90
EFFICACY (LM/W)	75-85	DIMENSION (mm)	Φ115*62
COLOUR TEMPERATURE (K)	Tricolour 3000/4000/6000	NET WEIGHT (kg)	0.22
BEAM ANGLE ( ° )	95	LIFESPAN (hr.) @L70B50	50000
CRI (Ra)	95~98	WARRANTY (yr.)	7Yr.
SDCM	<5	COMPLIANCE	SAA RCM



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