



ULTRA SLIM FLAT ADJUSTABLE

IP 67 WATERPROOF SPOTLIGHT

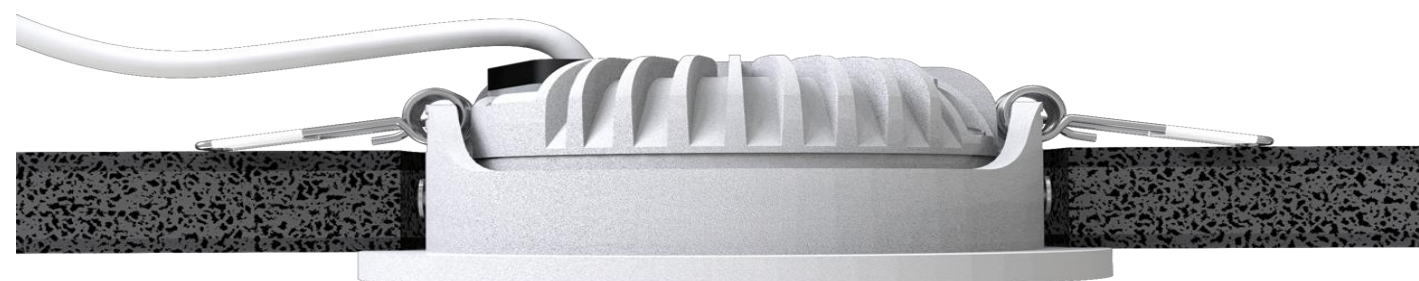
3 OPTIONS: REFLECTOR/LENS/DIFFUSER



- 5year and 10year warranty
- IP21/ IP54 / IP65/ IP67
IP54 suitable for bathroom
IP65 suitable for Patio,Porch,Eave,Shower room
IP67 can be briefly immersed in water
- Flicker-free & trailing edge driver
- Adjustable and non-adjustable options
- Cut-out options: 55/68/75/83/90/115/165mm
- Small dimension, but high power and brightness.
- Light efficiency is 120lm/W Max.
- It is also possible to apply a DALI, 1-10V, 9~36V DC or ZIGBEE driver to these spots..



Triac Dimmable





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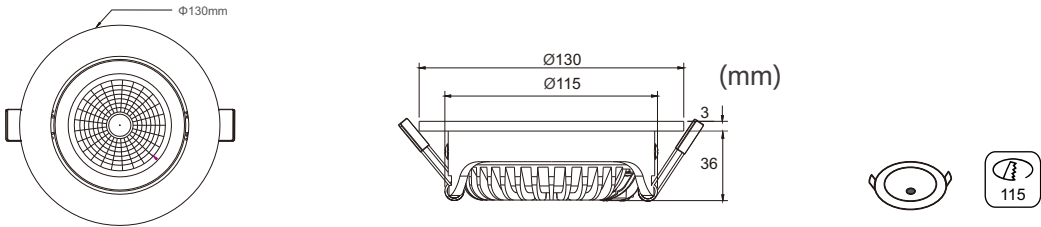
IP 67 WATERPROOF SPOTLIGHT
3 OPTIONS: REFLECTOR/LENS/DIFFUSER



B0101-09/A1(Adjustable Spotlight)



Power: 12W/15W
Luminous Efficiency: 85 LM/W
CRI: 90
Beam angle: 24°/38°/60°/90°
Voltage: 220V/110V
IP Rating: 21/54/65/67
Material: Aluminum



DRIVER DATA SHEET(Flicker-free Driver)

Wattage	12W/15W	12W/15W
Input rated Voltage	AC200-240V	AC100-265V
Frequency	50/60Hz	50/60Hz
Input Voltage	AC180-265V	AC90-305V
Efficiency	≥86%	≥86%
Power Factor	≥0.9	≥0.5
Rated input current	≤0.05A	≤0.05A
Full load output Voltage	DC28-42V	
Rated output current	550mA	
Output current range	550mA±5%	
Dimming range	10%-100%	***
Current output tolerance	±5%	
Power tolerance	±10%	
Total harmonic distortion (THD)	≤20%	
Short circuit protection	PASS	
Over voltage protection	PASS	
Over temperature protection	PASS	

FIXTURE COMPATIBILITY

Rated Wattage	Electrical Classification	Ingress Protection	Operating Temp	Operating Humidity	Storage Temp
12W/15W	II	IP21/54/65	-20℃~45℃	0~90%	-20℃~65℃

PACKAGING INFORMATION

	SIZE(CM)	N.W/pc (KGS)	G.W.(KGS)	Q'TY(PCs)		CTNS	Q'TY(PCs)	VOLUME(CBM)
Carton	52.5*21.5*37	0.43	22	50	20" standard container	683	34150	28
					40" standard container	1366	68300	56

INSTALLATION





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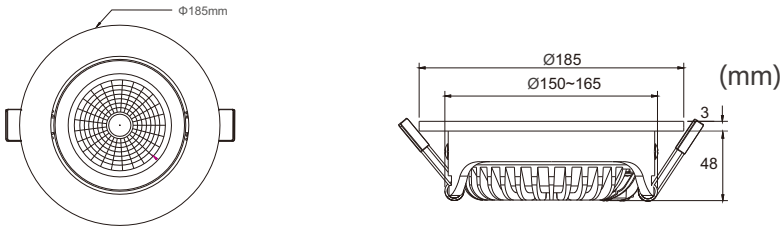
IP 67 WATERPROOF SPOTLIGHT
3 OPTIONS: REFLECTOR/LENS/DIFFUSER



B0101-09/B1(Adjustable Spotlight)



Power: 12W/15W
Luminous Efficiency: 85 LM/W
CRI.: 90
Beam angle: 24°/38°/60°/90°
Voltage: 220V/110V
IP Rating: 21/54/65/67
Material: Aluminum



DRIVER DATA SHEET(Flicker-free Driver)

Wattage	18W/20W/24W	18W/20W/24W
Input rated Voltage	AC200-240V	AC100-265V
Frequency	50/60Hz	50/60Hz
Input Voltage	AC180-265V	AC90-305V
Efficiency	≥86%	≥86%
Power Factor	≥0.9	≥0.5
Rated input current	≤0.05A	≤0.05A
Full load output Voltage	DC28-42V	
Rated output current	600mA	
Output current range	600mA±5%	
Dimming range	10%-100%	***
Current output tolerance	±5%	
Power tolerance	±10%	
Total harmonic distortion (THD)	≤20%	
Short circuit protection	PASS	
Over voltage protection	PASS	
Over temperature protection	PASS	

FIXTURE COMPATIBILITY

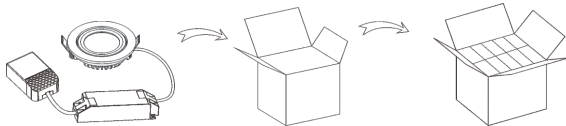
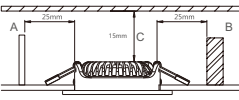
Rated Wattage	Electrical Classification	Ingress Protection	Operating Temp	Operating Humidity	Storage Temp
18W/20W/24W	II	IP21/54/65	-20℃~45℃	0~90%	-20℃~65℃

PACKAGING INFORMATION

	SIZE(CM)	N.W/pc (KGS)	G.W.(KGS)	Q'TY(PCS)		CTNS	Q'TY(PCS)	VOLUME(CBM)
Carton	52.5*21.5*37	0.85	43	50	20" standard container	683	34150	28
					40" standard container	1366	68300	56

INSTALLATION

INSTALL REQUIREMENTS	
A-gap above the fitting	25mm
B-gap to the building material	25mm
C-gap to the thermal insulation	15mm





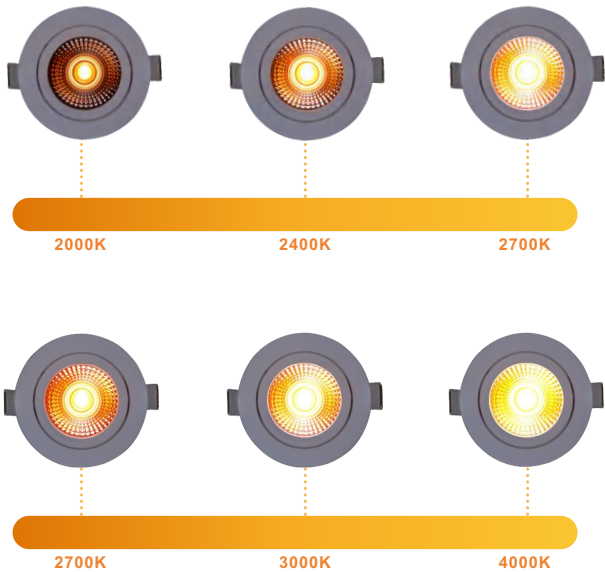
DIM TO WARM+CCT SOLUTION+2 POWER

Professional dimming LED light manufacturet

1

DIM TO WARM

- 1800K~2800K
- 1800K~4000K
- 2700K~4000K



2-1

2 CCT + DIM TO WARM + 2 POWER
2000K+ 3000K+ DTW (2000K~2800K)

2-2

2 CCT + DIM TO WARM + 2 POWER
2000K+ 4000K+ DTW (2000K~4000K)

2-3

2 CCT + DIM TO WARM + 2 POWER
2700K+ 3000K+ DTW (2000K~2800K)

2-4

2 CCT + DIM TO WARM + 2 POWER
2700K+ 4000K+ DTW (2700K~4000K)

2-5

2 CCT + DIM TO WARM + 2 POWER
3000K+ 6000K+ DTW (3000K~6000K)

3-1

3 CCT + DIM TO WARM + 2 POWER
2000K+2700K+3000K+ DTW (2000K~ 3000K)

3-2

3 CCT + DIM TO WARM + 2 POWER
2000K+3000K+4000K+ DTW (2000K~ 4000K)

3-3

3 CCT + DIM TO WARM + 2 POWER
2700K+ 3000K+ 4000K+ DTW (2000K~ 3000K)

3-4

3 CCT + DIM TO WARM + 2 POWER
2700K+ 3000K+ 4000K+ DTW (2700K~ 4000K)

3-5

3 CCT + DIM TO WARM + 2 POWER
3000K+4000K+6000K+ DTW (3000K~ 6000K)

- Dim to warm LED simulates the color tones of halogens
- It likes sunset to sunrise,gives you a circadian lighting.

4

2 IN 1

2 POWER + 3CCT SWITCH

- Power and CCT Switchable
- Multiple power box options
- 5 years and 10 years warranty options

Power :3~42W

PF:≥0.9

Flicker free and noise-free

Smooth triac Dimmable

Dimmable Range:10~100%

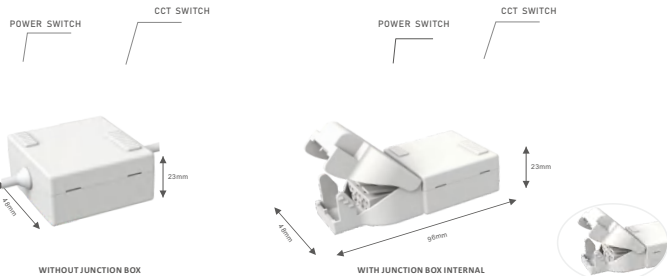
Dimmable power supply

CCT: 2700K/3000K/4000K

CCT: 2700K/4000K/6000K

CCT: 2500K/2700K/3000K

CCT: 3000K/4000K/5500K



5

DRIVER INTEGRATED LED SPOTLIGHT

Trailing edge Dimmable driver

- Driver integrated, connect to 230V directly
- Installation height as slim as 23mm
- IP54/ IP65 rating, suitable for bathroom
- 5-year warranty
- Bleow items have driver internal option:
- Deep dimming, Flicker-free & trailing edge driver

