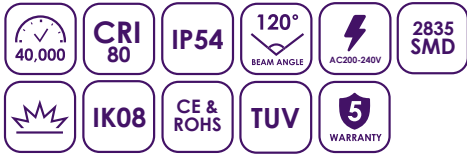


CONVEX – SHALLOW 18W ADJUSTABLE MICROWAVE SENSOR & EMERGENCY LED BULKHEAD

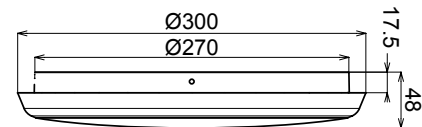
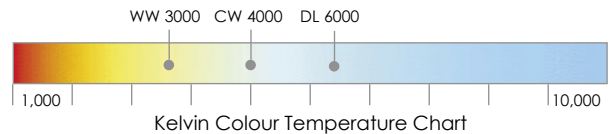


18W



Specification

Power:	18W
Lumens:	3000K - 1530lm, 4000K - 1620lm, 6000K - 1650lm
Lumens per watt:	3000K - 85lm/W, 4000K - 90lm/W, 6000K - 91lm/W
Colour Temp:	3000K, 4000K, 6000K
Beam Angle	120°
CRI:	Ra>80
Operating Voltage:	AC200-240V 50/60Hz
Lifespan:	40,000 hours
Start Time:	<0.5s
Switching Cycles:	ON/OFF >40,000x
Hold Time for Microwave Sensor & Emergency	30s
LED CHIP:	Epistar 2835 SMD
IP Rating:	IP54
Housing Material:	AL6063 Aluminium
Base:	Wire and plug
Approvals:	CE, RoHS, TUV
Warranty:	5 Years



Features & Benefits

- 18 Watts – Upto 1650 lumens
- IP54 rated fitting
- Besa box and surface mountable
- IK08 Impact resistant
- Quality TPA rated diffuser
- No maintenance
- No LED hotspot
- DIP Switches at the back of the bulkhead, enables you to adjust the detection areas
- Available in Warm White 3000K Cool White 4000K & Day Light 6000K
- Ideal for corridors, entrance foyer, bathrooms, hospitals homes, offices and educational institutions
- 5 Years Warranty

EMERGENCY FUNCTION
Emergency Time: 3 Hours
Charging Time: 24hrs

Product Code	Description	Power	Lumen	Colour	Operating Voltage	Dimensions	CE, RoHS & TUV
2D-3K-18COM-AJ	Adjustable Microwave Sensor & Emergency	18W	1530lm	3000K	AC200-240V	Ø300 x 48mm	Yes
2D-4K-18COM-AJ	Adjustable Microwave Sensor & Emergency	18W	1620lm	4000K	AC200-240V	Ø300 x 48mm	Yes
2D-6K-18COM-AJ	Adjustable Microwave Sensor & Emergency	18W	1650lm	6000K	AC200-240V	Ø300 x 48mm	Yes

CONVEX – SHALLOW 18W ADJUSTABLE MICROWAVE SENSOR & EMERGENCY LED BULKHEAD



Adjustable Sensor Setting (DIP Switches on the back of ceiling light)

Detection Area		
1	2	
●	●	25%
●		50%
	●	75%
		100%

Detection area:

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application.

Hold Time		
3	4	
●	●	10Min
●		3Min
	●	60S
		20S

Hold time:

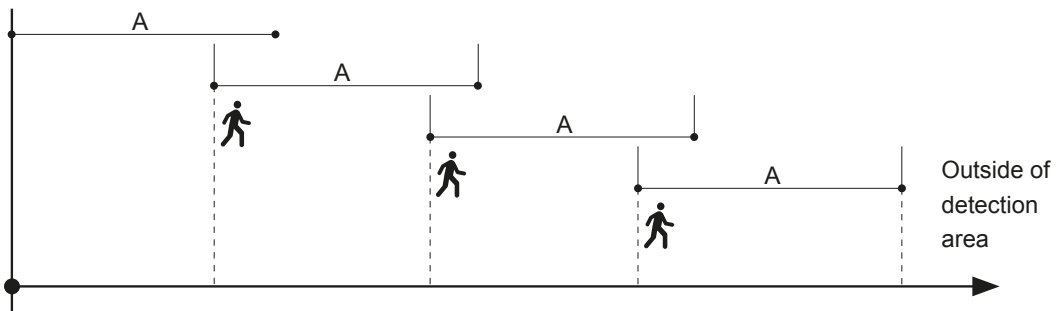
Refers to the time period the lamp remains at 100% illumination after no motion detected.

Daylight Sensor		
5	6	
●	●	5Lux
●		10Lux
	●	50Lux
		Disable

Daylight sensor:

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold. When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level. 50lux: twilight operation, 10lux, 5lux: darkness operation only.

Hold time "A"
please refer to
product label



Emergency

Emergency function switches automatically between power cut and power restoration.

- Li battery, high efficiency
- Battery duration: 3 hours at 4W
- Charge period: 24 hours

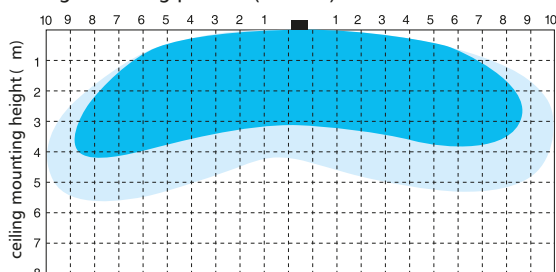


Sensor

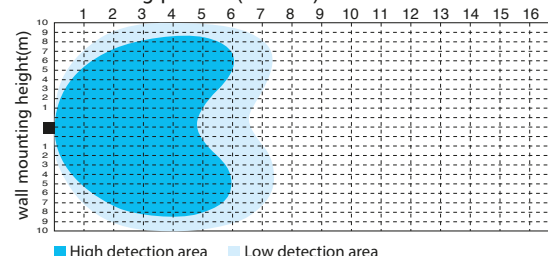
Detection area: 140 degree wide detective beam angle with 5-7 meters distance.

Detection Pattern

Ceiling Mounting pattern (Unit: m)



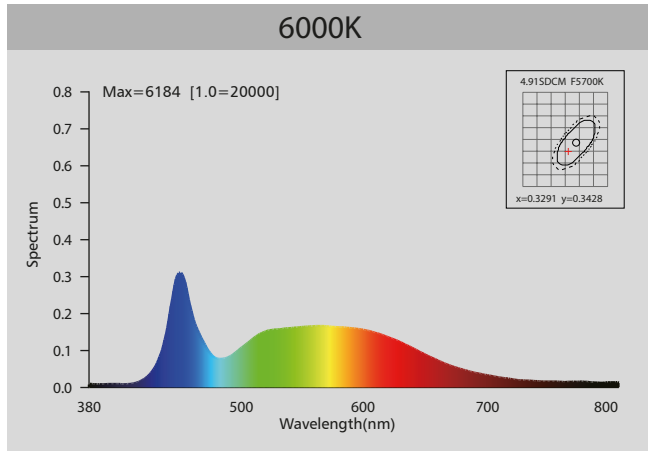
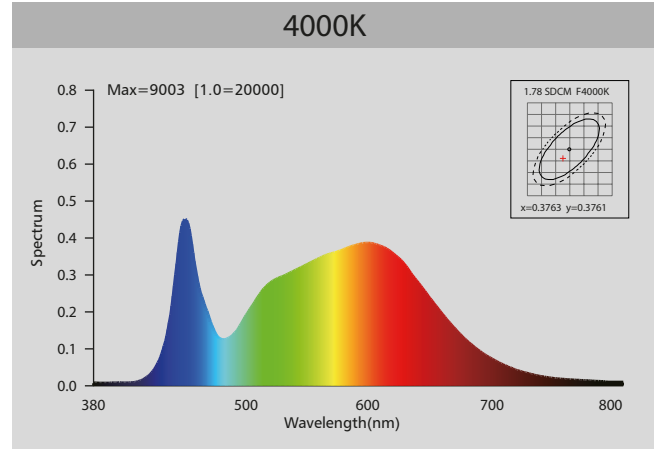
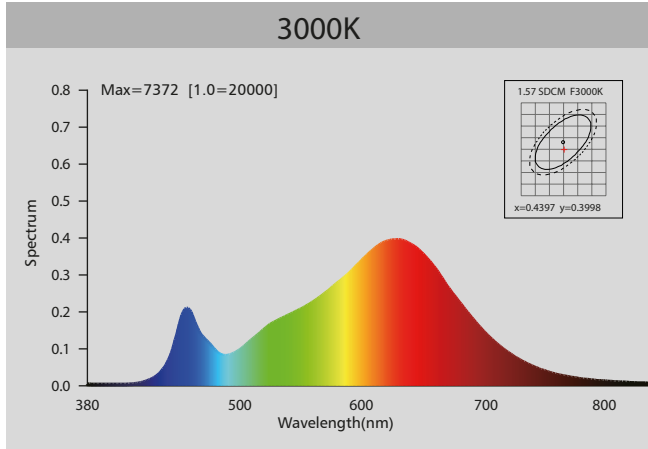
Wall Mounting pattern (Unit: m)



CONVEX – SHALLOW 18W ADJUSTABLE MICROWAVE SENSOR & EMERGENCY LED BULKHEAD



Spectral Distribution



Photometric Diagram

