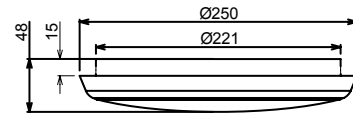
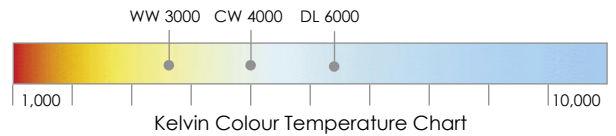


CONVEX – SHALLOW 12W ADJUSTABLE MICROWAVE SENSOR & EMERGENCY LED BULKHEAD



Specification

Power:	12W
Lumens:	996lm – 3000K 1056lm – 4000K 1100lm – 6000K
Lumens per watt:	83lm/W – 3000K 88lm/W – 4000K 91.6lm/W – 6000K
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

- 12 Watts – Upto 1100 lumens
- IP54 rated fitting
- Besa box and surface mountable
- IK08 Impact resistant
- Quality TPA rated diffuser
- No maintenance
- No LED hotspots
- DIP Switches at the back of the bulkhead, enables you to adjust the detection area
- A easy fix bracket for quick installation
- 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-12COM-AJ	Adjustable Microwave Sensor & Emergency	12W	996lm	3000K	AC200-240V	Ø250 x 48mm	Yes
2D-4K-12COM-AJ	Adjustable Microwave Sensor & Emergency	12W	1056lm	4000K	AC200-240V	Ø250 x 48mm	Yes
2D-6K-12COM-AJ	Adjustable Microwave Sensor & Emergency	12W	1100lm	6000K	AC200-240V	Ø250 x 48mm	Yes

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

Detection Area		
1	2	
●	●	25%
●	I	50%
I	●	75%
I	I	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
●	I	3Min
I	●	60S
I	I	20S

Hold time:

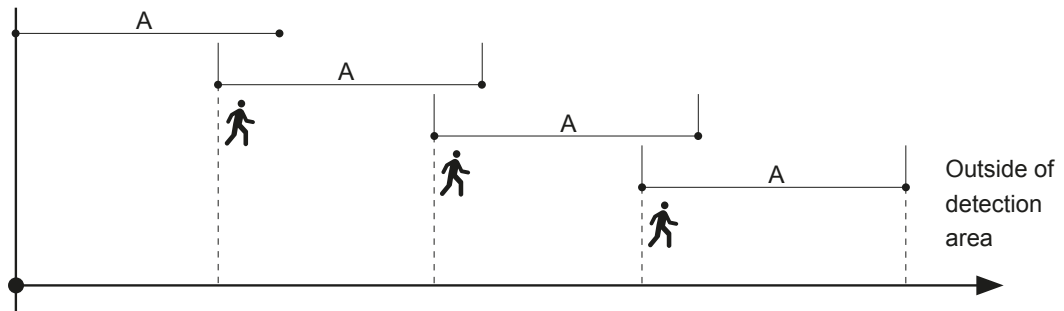
Refers to the time period the lamp remains at 100% illumination after no motion detected.

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

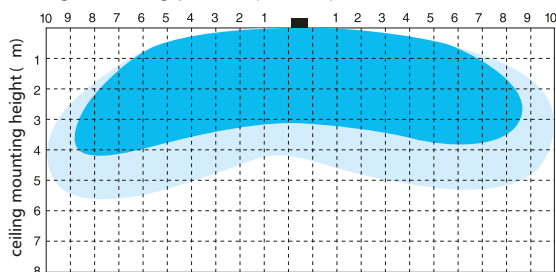


Sensor

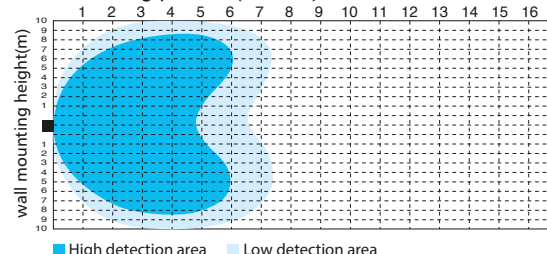
Detection area: 140 degree wide detectable beam angle with 5-7 meters distance.

Detection Pattern

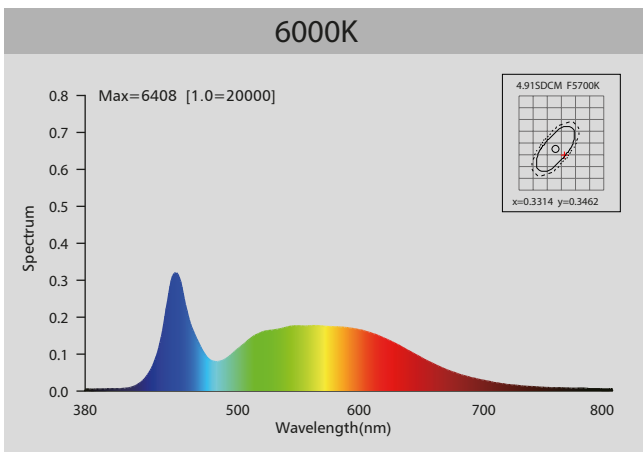
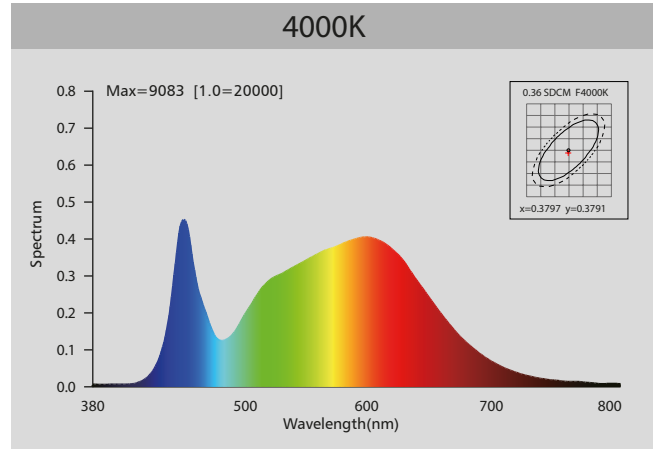
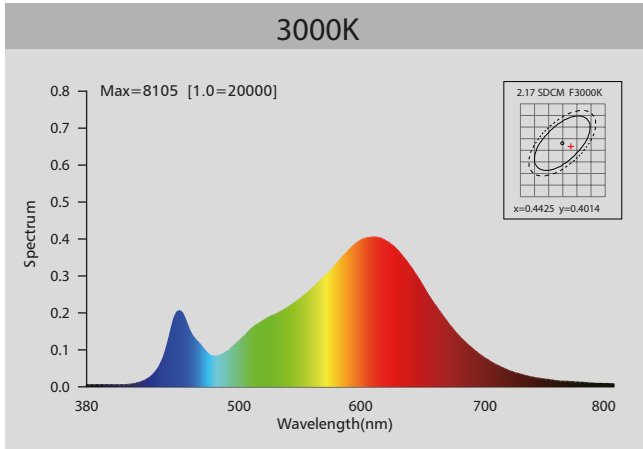
Ceiling Mounting pattern (Unit: m)



Wall Mounting pattern (Unit: m)



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Photometric Diagram

