

- Multiple-IN-1 Lumen output.



2ft (662mm)



4ft (1265mm)



0-10V Dim



Emergency



Sensor

FEATURES

- High efficiency SMD chips
- 0-10V Dimming driver option
- Multi-power selectable, multi-lumen output selectable (3-IN-1 for 2ft, 8-IN-1 for 4ft)
- CCT selectable via switch
- Constant current driver
- Large 6mm terminal block for easy installation
- High impact body and diffuser
- Stainless steel clips and screws
- IP65 weatherproof and IK08 vandal-proof
- Side and rear cable entry options
- Emergency and dimming sensor options available

INCLUDES

- IP65 batten with LED driver
- Stainless steel clips and screws
- Suspension brackets and cable gland

INSTALLATION OPTIONS

- Surface mounted
- Suspended (Suspension kit is required)

APPLICATIONS

- Warehouses, Car parks and garages, Stations
- Food preparation areas, Commercial

WARRANTY

- Five years for fitting
- One year for battery

CERTIFICATION	IP RATING	TRI-COLOUR	L70B50	Ra	DISTRIBUTION	DIMENSIONS(mm)	IK RATING
							 1.7kg at 300mm

Part No.	Order Code	Voltage	Watt.[2]	PF	Color Temp.	Lumens	Beam Angle	0-10V Dim	Size(L*W*H) mm	Net Weight (kg)
211010DS	211010DS	220-240V	10-20W	0.9	4000/5000/6500K	1000-2000lm	120°	Yes	662*130*90	1.39
211011DS	211011DS	220-240V	10-40W	0.9	4000/5000/6500K	1000-4000lm	120°	Yes	1265*130*90	2.26
211010DEM	211010DEM	220-240V	10-20W	0.9	4000/5000/6500K	1000-2000lm	120°	Yes	662*130*90	1.71
211011DEM	211011DEM	220-240V	10-40W	0.9	4000/5000/6500K	1000-4000lm	120°	Yes	1265*130*90	2.45
211010DEMS	211010DEMS	220-240V	10-20W	0.9	4000/5000/6500K	1000-2000lm	120°	Yes	662*130*90	1.73
211011DEMS	211011DEMS	220-240V	10-40W	0.9	4000/5000/6500K	1000-4000lm	120°	Yes	1265*130*90	2.47

Part No.	Model No.	VEET Status	IPART Status
211010DS	ECT8BH5F-TC-DS-2L60 20W	Pending No.: 7581	Pending
211011DS	ECT8BH5F-TC-DS-2L120 40W	Pending No.: 7581	Pending
211010DEM	ECT8BH5F-TC-DEC-2L60 20W	Pending	Pending
211011DEM	ECT8BH5F-TC-DEC-2L120 40W	Pending	Pending
211010DEMS	ECT8BH5F-TC-DECS-2L60 20W	Pending	Pending
211011DEMS	ECT8BH5F-TC-DECS-2L120 40W	Pending	Pending

Part No. of Battery	Battery Capacity	Battery Voltage	Battery Type
173010	5000mAh	3.6V	Li(NiCoMn)O2

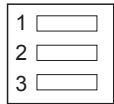
[1] Operating Frequency=50/60Hz; [2] Multi-power description: 3-IN-1(2ft): 10/14/20W; 8-IN-1(4ft): 10/14/20/24/26/30/36/40W

[3] Operating Temperature:-20 °C~+45 °C; (0 °C~+40 °C for emergency type); [4] 211010D/211011D made to order

Specifications are for reference only and may be changed without prior notification.

Version: V1.1

OFF ↔ ON



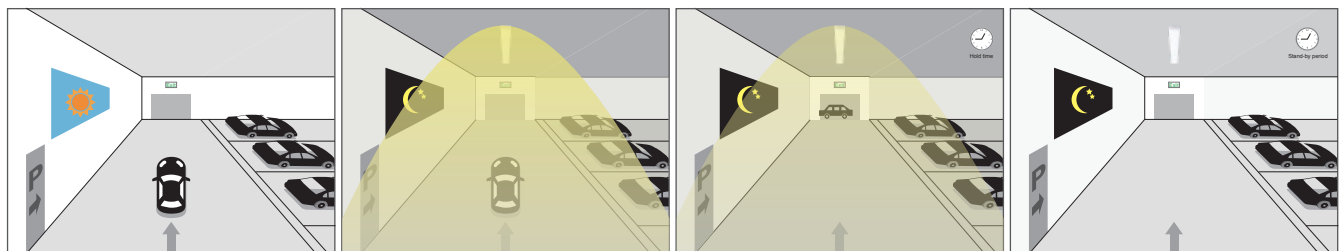
PIN1	PIN2	PIN3	Power for 20W	Power for 40W
OFF	OFF	OFF	10W	10W
ON	OFF	OFF	14W	14W
OFF	ON	OFF	20W	20W
ON	ON	OFF	/	24W
OFF	OFF	ON	/	26W
ON	OFF	ON	/	30W
OFF	ON	ON	/	36W
ON	ON	ON	/	40W

LUMINAIRE CLASSIFICATIONS		MAXIMUM SPACINGS(M)														
		MOUNTING HEIGHT (M)														
		2.1	2.4	2.7	3	3.3	3.6	4	4.5	5	6	7	8	9	10	15
C ₀ -C ₁₈₀	D63	19.4	20.3	21.1	21.8	22.4	23.0	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9	28.0
C ₉₀ -C ₂₇₀	D32	15.4	16.1	16.7	17.2	17.6	18.0	18.5	19.1	19.5	20.2	20.6	20.7	20.6	20.3	14.6

Emergency Specification

Emergency Specification	
Battery Part No.	173010
Battery Type	3.6V 5Ah Lithium-ion
Discharge Time	180 minutes
Standby Wattage	<0.5W
Charging Cut-off Voltage	4.2V
Discharge Cut-off Voltage	2.8V
Standard Charge Current	1A
Max Charge Current(10~45 °C)	1A
Max Charge Current(0~10 °C)	3A
Standard Discharge Current	<2A
Max.continuous Discharge Current	3A

Microwave Sensor Function



When motion detected, but sufficient daylight, light remains OFF.

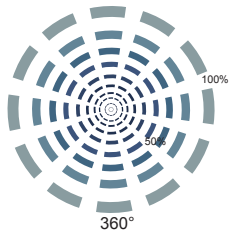
When motion detected, Insufficient daylight, Light ON.

After last detection, the light will be dimmed down To the stand-by dimming level(10%,20%,30%,50%)

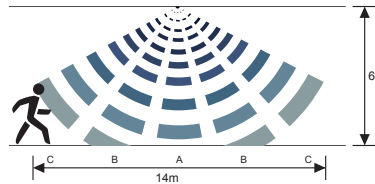
After the stand-by period, light OFF.



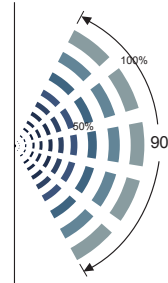
Detection Range Overview



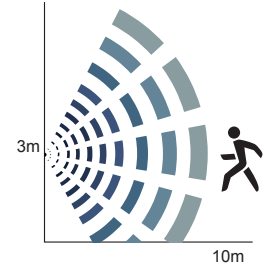
Ceiling Mounted
Top view



Side view



Wall Mounted
Top view

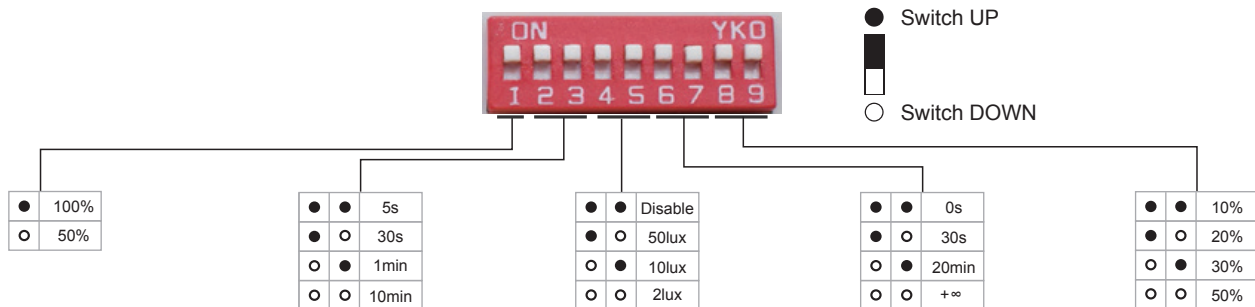


Side view

Microwave Sensor Parameter

Microwave Specification	
Operating Voltage	12VDC
Operating Current	30mA±5%
Output	PWM/0-10V
Standby Power	≤0.5W
Detection Area	50%/100%
Hold-time	5s/30s/1min/10min
Daylight Threshold	2Lux/10Lux/50Lux Disable
Stand-by Period	0s/30s/20min/+∞
Stand-by Dimming Level	10%/20%/30%/50%
Microwave Frequency	5.8GHz±7MHz
Microwave Power	<0.3mW
Interfaces	3-PIN
Mounting Height	Max. 6m(ceiling mounted) Max. 3m(wall mounted)
Detection Range	Max. 14m(ceiling mounted) Max. 10m(wall mounted)
Operating Temperature	-20 C~+55 C

Microwave Sensor Setting



Detection area
Detection area means detection coverage. It can be adjusted by combining DIP switches for specific application.

Hold-time
Hold-time means the time period the light will be ON after the last detection.

Daylight sensor
Daylight sensor period to motion sensor. Set threshold for specific needs. If Disable, only motion sensor works.

Stand-by period
This is the time period the light keeps dimming down after the last detection.

Stand-by dimming level
This is the dimming level the light keeps during stand-by period.

