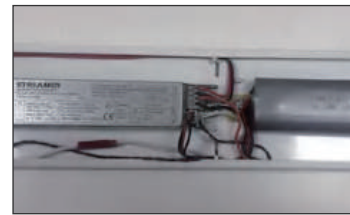


# Tri-proof Light-B-EMS

1.2m

130  
lm/W

WARRANTY  
3  
YEARS



## Certificates



IPART

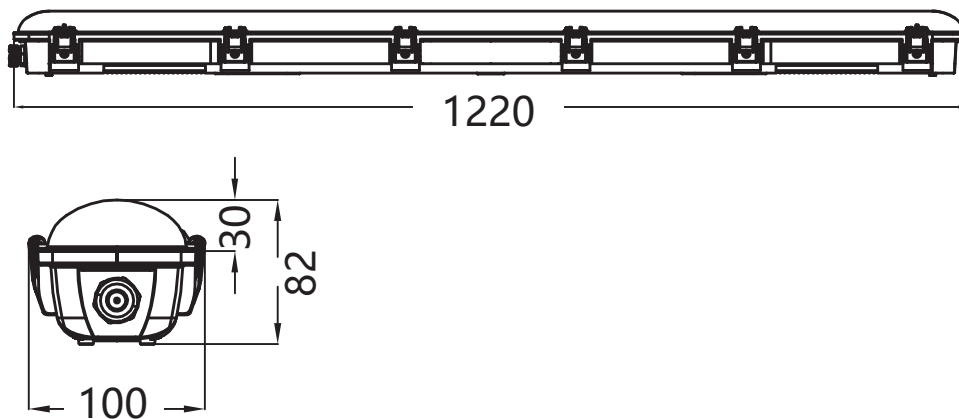
VEET

IP65

## Application



## Dimension (Unit: mm)



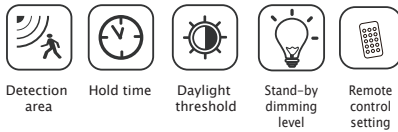
## Technical Specification(1.2m)

Item	UL-TRI-36W-B-EMS
Lumen	4680lm
Size(mm)	1220X100X82mm
Emergency power	4W
Battery	Li-ion 6.4V 19.2Wh 3000mAh 18650
Voltage	AC220-240~50/60Hz
Lumen Efficiency	130lm/W
LED Type	SMD 2835
Beam Angle	120°
PF	>0.9
CRI	Ra>80
IP Rank	IP65
Material	PC
Sensor time	15 minutes

# DC input Motion Sensor

Model: HD021VCR-4 ( To work with the new driver )

- 7.5-12VDC .
- Light sensor is available when correspondent component is exter-connected .
- 3 year warranty.



## Technical data

Input	Operating voltage	7.5-12VDC
	Operating current	<30mA
	Stand-by power	≤0.5W
Output	Control method	5V PWM (Gradient)
Sensor Parameters	Microwave frequency	5.8GHz ±75MHz
	Microwave power	<0.3mW
	Detection area	100%/75%/50%/25%
	Hold time	10S/1Min/5Min/30Min
	Daylight threshold	Disable/10Lux/25Lux/50Lux
	Stand-by period	80%/50%/30%/0%
	Stand-by dimming level	Remarks:The percentage of delay brightness.When the waiting effective value is set,the waiting time is infinite,and 0% is no waiting function.
	Mounting height	Max. 3.5m (ceiling mounted)
	Detection range	Max.∅12m *3.5m (h)
	Motion detection	0.5~1m/s
Detection angle	30°-150°	
Others	Operating temperature	-20°C~+60°C
	IP rating	IP20
	Warranty	3 years
	Certificate	---
Packing	Net weight	--Kg
	Package	Bubble pac, Cardboard compartments, --Pcs/Carton
	Carton size	400*300*236mm
	Gross weight	--Kg/Carton
Note	Requirements: 1. 1.6m in height, 65kg in weight, and 0.5/s straight walking speed; 2. Built-in installation of lamps and lanterns, installation height:3m high for ceiling installation,indoor test results,actual test data subject to the customer's actual test.	

## Brightness level

Level	1 <sup>st</sup> level	2 <sup>st</sup> level	3 <sup>st</sup> level	4 <sup>st</sup> level
Power%	30%	50 %	80%	100 %

## Hold time

Hold time level	10S	1Min	5Min	30min
Time to dim to stand-by brightness from current brightness (half of current brightness)	10S	1Min	5Min	30min

## Sense distance

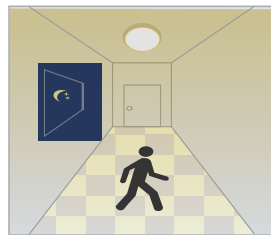
Distance range	100%	75%	50%	25%
Distance level	3-6m	2-4m	1-3m	1-2m

## Application

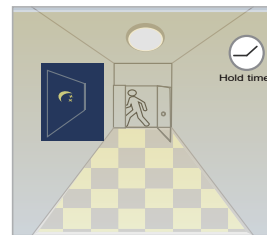
### Function Demo - Dimmable control/Corridor function



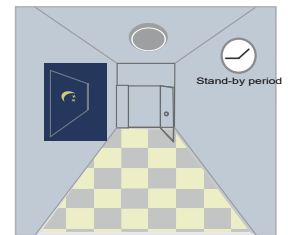
With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion detected, light ON.



After last detection, the light will be dimmed down to the stand-by dimming level after holdtime.



After the stand-by period, light OFF.

#### Remarks:

The standby dimming level is programmed to be half of the normal brightness; if the normal brightness is low enough, it doesn't dim.