



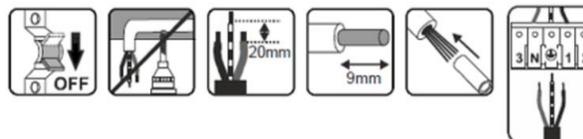
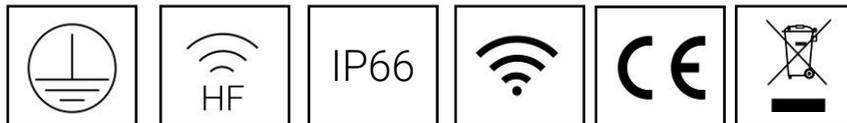
**BETRIEBSANLEITUNG FÜR  
BALKENLEUCHTE**  
RUGGY HF Sensor

**MODE D'EMPLOI POUR  
LAMPE FAISCEAU**  
RUGGY HF Sensor

**ISTRUZIONI DI FUNZIONAMENTO PER  
LAMPADA FASCIO**  
RUGGY HF Sensor

**OPERATING MANUAL FOR  
BATTEN LIGHT**  
RUGGY HF Sensor

**185-043-001**



**DE** Die Montage und Inbetriebnahme darf nur von autorisiertem Fachpersonaldurchgeführt werden (Elektroinstallateur). Die Leuchte dient ausschliesslich der Not-Beleuchtung und ist entsprechend den Errichtungsbestimmungen zu installieren. Eine andere Nutzung oder ein anderer Einbau gilt als nicht „bestimmungsgemäss“.

**Achtung!** Während der Verdrahtung und Installation der Leuchten und Versorgungsgeräte immer spannungslos arbeiten. Nichtbeachten kann zur Zerstörung der LED-Module führen. **Bei Defekt zurück an Hersteller.** Die Montageanleitung muss aufbewahrt werden. Technische Änderungen vorbehalten.

**FR** Le montage et la mise en service ne peuvent être effectués que par du personnel spécialisé autorisé (installateur électrique). Le luminaire sert uniquement à éclairer de secours et doit être installé conformément aux dispositions d'édification. Une autre utilisation ou intégration est considérée comme «non conforme aux dispositions».

**Attention!** Toujours travailler hors tension lors du câblage et de l'installation des luminaires et unités d'alimentation. Le non-respect de cette consigne peut entraîner la destruction des modules à LED. **Retourner au fabricant en cas de défaut.** L'instruction de montage doit être conservée. Sous réserve de modifications.

**IT** Montaggio e messa in funzione possono essere effettuati solo da personale specializzato autorizzato (elettoinstallatori). Il proiettore serve esclusivamente a scopo di illuminazione de emergenza e deve essere installato secondo le disposizioni di montaggio. Un altro utilizzo o un'altra modalità di incasso sono considerati "non conformi".

**Attenzione!** Lavorare sempre in assenza di tensione mentre si cablano e si installano gli apparecchi e le unità di alimentazione. In caso contrario i moduli LED possono andare distrutti! **In caso di guasto rispedire il proiettore al produttore.** Le istruzioni di montaggio devono essere conservate. I dati tecnici possono subire modifiche senza preavviso.

**EN** Installation and commissioning may only be carried out by authorised technical personnel (electrical fitters). The luminaire is designed solely for emergency lighting and is to be installed according to the installation instructions. Any other use or any other installation is considered to be improper.

**Caution!** Make sure that the luminaires and power supply units are always disconnected from the main supply during wiring and installation work. Otherwise, the LED modules may be destroyed. **Return to manufacturer if defects are found.** Assembly instructions must be kept. Subject to technical change without notice.

Technische Änderungen vorbehalten / Les détails techniques sont sujet à des changements.  
Modifiche tecniche riservate / Technical Details are subject to change.  
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DE Bedienelemente

FR Éléments de commande

IT Elementi di controllo

EN Controls



185-043-001

### Microwave Sensor datasheet

Operating Voltage	DC12-24V
Power consumption	0.5W±0.2W
Microwave frequency	5.8GHz±75MHz, ISM wave band
Transmission power	<0.5mW
Detection angle	140°
Detection Area	1-8M 100%/75%/50%/20% are adjustable by remote
Hold time	10s/1min/5min/10min/15min/20min/30min/60min are adjustable by remote
Daylight sensor	10Lux/30Lux/50Lux/Disable are adjustable by remote
Stand-by DIM Level	0%/10%/30%/50% are adjustable by remote
Stand-by Period	1min/30min/60min/+∞ are adjustable by remote
Dimming Range	70%/80%/90%/100% are adjustable by remote
Microw ave ON/OFF function	Press the ON/OFF button, the light goes to permanent on or permanent off mode, and the sensor is disabled and must press AUTO button to quit this mode for Setting. Press AUTO button, the sensor starts to function and all settings remain the same as the latest status before the light is switched on/off.
Installation Height	Max installation height is 10-12meters.Recommended Installation Height: Ceiling mounted height 2.5-8m.
Minimum mounting distance	Recommended mounting distance should be more than 3m
Operating temperature(°C)	-20°C ~60°C

### Factory setting

Factory setting				
Detection Area	Hold time	Daylight sensor	Stand-by DIM level	Stand-by Period
100%	5min	Off	0%	0min

### Sensor Setting

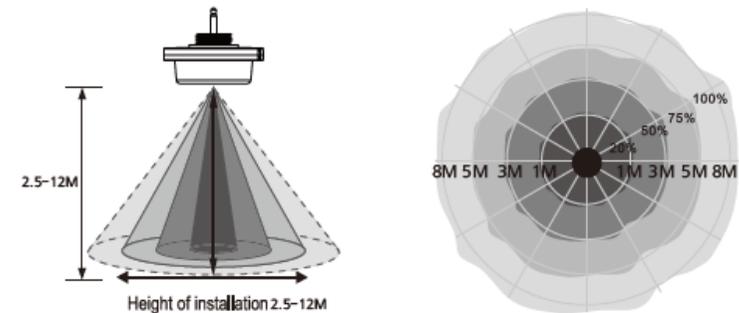
**Sensor test condition:**The test is based on 3m height, the detect distance radius is based on ground, the detect distance can be adjusted through the remote control.

**Sensor test environment and reference:**The detective range is measured by human body whose stature is around 1.6-1.7M with medium size and traveling speed is around 1.0-1.5M per second. If the stature, bodily form and traveling speed are changed, then the detective range will be changed accordingly.

**Sensor lamp's reaction under open/narrow environment:**Test result will be highly influenced by test environment, the more open environment, the longer detect distance;the narrower environment, the longer detect distance. The detector may do self-excitation in a narrow environment.

**Sensor Setting based on environmental disturbance:**Some environmental disturbances will cause abnormal induction, such as the lamp can not automatically turn off for a long time or the sensor function is invalid, then users can adjust sensor distance to reach the ideal effect. It is recommended to adjust the sensing distance to 50% for the environment where near the heavy equipment, metal sheets and metal pipes, concrete wall (<30cm thickness) etc. Recommend to keep 100% sensor distance in open environment. For environment where near the routers, telecommunications base stations, electrical machinery etc, it is recommended to keep the installation distance of more than 5 meters and adjust to 50% sensor distance.

### Induction Range



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