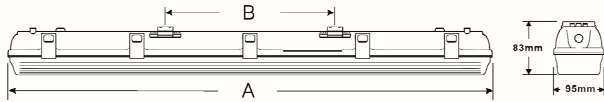


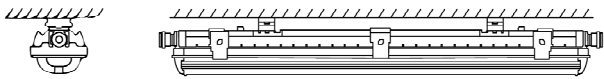
### NL Handleiding HWDP IP66 IK08

#### Afmetingen:



Referentie	A	B
HWDP-*06	600mm	300-320mm
HWDP-*12	1200mm	840-860mm
HWDP-*15	1500mm	1120-1140mm

#### Montage:



Boor de nodige gaten in het plafond voor de montagebeugels, neem de afstand tussen de montagebeugels in acht. Open de rvs clips op het armatuur, indien nodig kan de ledplaat met PC diffuser eenvoudig verwijderd worden dmv een connector. Klik de basis van het armatuur in de montagebeugels en maak de elektrische verbinding.

Gebruik voor elke kabelingang steeds een geschikte wartel of dichting om de IP waarde te garanderen. Het toestel is enkel IP66 indien de meegeleverde M20 wartels met rubber dichting gebruikt worden!

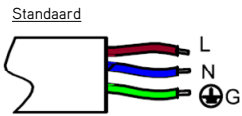
Dit armatuur is geschikt voor een omgevingstemperatuur tussen **-20 en +45°C**.

#### Toestellen met RF sensor:

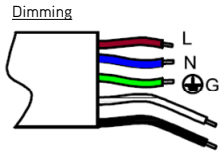
Toestellen met RF bewegingssensor kunnen op twee manieren ingesteld worden:

- Met de keuzeschakelaars op de RF sensor
- Met infra-rood handzender type INT-REMOTE (optie)  
De universele handzender biedt de mogelijkheid om een reeks armaturen snel en eenvoudig in te stellen.

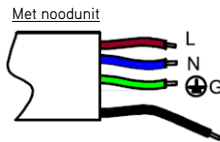
#### Elektrische aansluiting:



**200-240VAC**  
**Max. 5x2,5mm<sup>2</sup>**  
Bruin - L  
Blauw - N  
Geelgroen - G

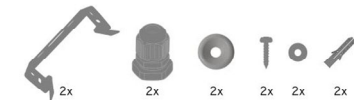


**Max. 5x2,5mm<sup>2</sup>**  
Bruin - L  
Blauw - N  
Geelgroen - G  
Wit - DA1/DIM+  
Zwart - DA2/DIM-



**Max. 5x2,5mm<sup>2</sup>**  
Bruin - L continue  
Blauw - N  
Geelgroen - G  
Zwart - geschakeld

#### Meegeleverde montage toebehoren:

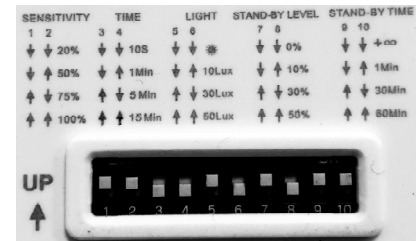
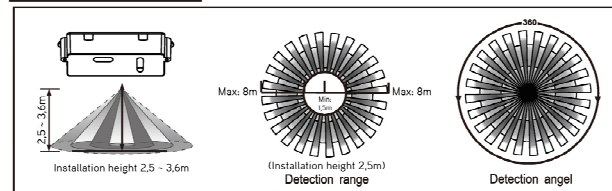


#### Mogelijke opties:

HWDP-SUS	Pendelset voor HWDP 1,5 meter
INT-REMOTE	Handzender voor RF versie
1-10V	Dimbaar 1-10V
DALI	Dimbaar DALI
RF	Met RF sensor
EMS	Noodunit 3u zelftest LiFePO batterij
EMSRF	Met RF sensor + noodunit 3u zelftest

#### Detectiebereik bij plafondmontage

#### SENSOR COVERAGE

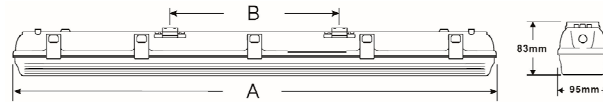


**⚠** Installatie en onderhoud dienen steeds te gebeuren door gekwalificeerd personeel.  
De lichtbron van dit armatuur is niet vervangbaar, bij einde van de levensduur moet het armatuur vervangen worden.  
Beschadigde toestellen in originele verpakking worden onder waarborg omgeruild.  
De aarding moet ten alle tijden correct aangesloten worden om veiligheidsproblemen te voorkomen.  
Controleer steeds of de correcte aansluitspanning aanwezig is.

**♻** Gebruikte lampen  
Breng oude of defecte LED armaturen steeds binnen in een geschikt verzamelpunt in overeenstemming met de geldende voorschriften met betrekking tot milieubescherming. Gebruikte lampen kunnen gedeponereerd worden in een recyclingpunt waar ze gratis worden geaccepteerd. Een correct gebruik van apparatuur maakt het mogelijk om waardevolle milieuhulpbronnen te behouden en negatieve gevolgen voor de gezondheid en het milieu te voorkomen.

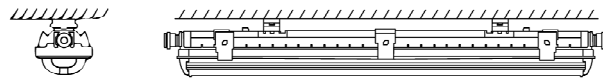
### FR Manuel HWDP IP66 IK08

#### Dimensions



Reference	A	B
HWDP-*06	600mm	300-320mm
HWDP-*12	1200mm	840-860mm
HWDP-*15	1500mm	1120-1140mm

#### Montage:



Percer les trous nécessaires dans le plafond pour les supports de montage, en tenant compte de la distance entre les supports de montage. Ouvrez les clips en acier inoxydable sur le luminaire. Si nécessaire, la plaque LED avec diffuseur PC peut être facilement retirée au moyen d'un connecteur. Enclenchez la base du luminaire dans les supports de montage et effectuez la connexion électrique.

Utilisez toujours un presse-étoupe ou un joint approprié pour chaque entrée de câble afin de garantir la valeur IP. L'appareil n'est IP66 que si les presse-étoupes M20 fournis avec joint en caoutchouc sont utilisés!

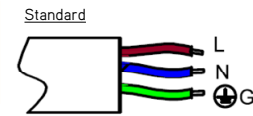
Ce luminaire convient à une température ambiante comprise entre -20 et +45°C.

#### Appareils avec capteur RF:

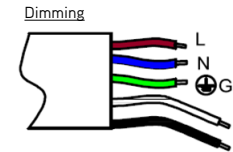
Appareils équipés avec un capteur de mouvement RF peuvent être configurés de deux manières:

- Avec les sélecteurs sur le capteur RF
- Avec un émetteur infra-rouge type INT-REMOTE (en option)  
L'émetteur universel offre la possibilité de configurer rapidement et facilement une série de luminaires.

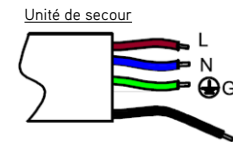
#### Connection électrique



**200-240VAC**  
**Max. 5x2,5mm<sup>2</sup>**  
Brun - L  
Bleu - N  
Vert/jaune - G

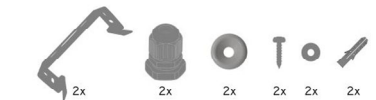


**Max. 5x2,5mm<sup>2</sup>**  
Brun - L  
Bleu - N  
Vert/jaune - G  
Blanc - DA1/DIM+  
Noir - DA2/DIM-



**Max. 5x2,5mm<sup>2</sup>**  
Brun - L continue  
Bleu - N  
Vert/jaune - G  
Noir - geschakeld

#### Accessoires de montage inclus:

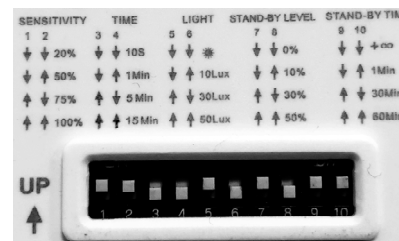
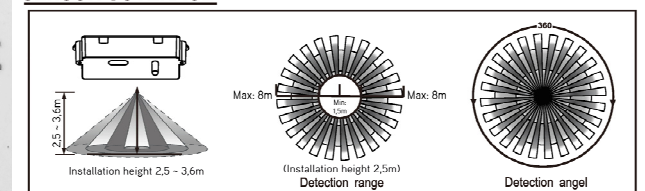


#### Options possibles:

HWDP-SUS	Set de suspension pour HWDP 1,5 m
INT-REMOTE	Émetteur à main pour version RF
1-10V	Réglable 1-10V
DALI	Réglable DALI
RF	Avec capteur RF
EMS	Unité de secours 3h autotest LiFePO batt.
EMSRF	Avec capteur RF et unité de secours 3h

#### Détection en mètre avec montage au plafond

#### SENSOR COVERAGE

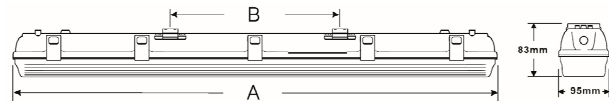


**⚠** L'installation et la maintenance doivent toujours être effectuées par du personnel qualifié. La source lumineuse de ce luminaire n'est pas remplaçable, le luminaire doit être remplacé à la fin de sa vie.  
Les appareils endommagés dans leur emballage d'origine sont échangés sous garantie.  
Pour les applications en extérieur, utilisez toujours des tireforts en acier inoxydable robustes et assurez un ancrage ferme.  
La mise à la terre doit toujours être correctement connectée pour éviter tout problème de sécurité.  
Toujours vérifier si la tension de connexion correcte est présente.

**♻** Lampes usagées  
Toujours ramener les appareils à LED usés ou défectueux à un point de collecte approprié, conformément aux réglementations en vigueur en matière de protection de l'environnement. Les lampes usagées peuvent être déposées dans un point de recyclage où elles sont acceptées gratuitement. Une utilisation appropriée des équipements permet de préserver des ressources environnementales précieuses et d'éviter des conséquences négatives pour la santé et l'environnement.

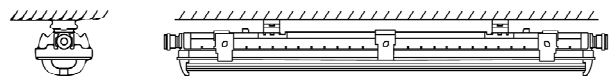
## ENG Manual HWDP IP66 IK08

### Dimensions



Reference	A	B
HWDP-*06	600mm	300-320mm
HWDP-*12	1200mm	840-860mm
HWDP-*15	1500mm	1120-1140mm

### Mounting:



Drill the necessary holes in the ceiling for the mounting brackets, taking into account the distance between the mounting brackets. Open the stainless steel clips on the fixture. If necessary the LED plate with PC diffuser can be easily removed by means of a connector. Snap the base of the fixture into the mounting brackets and make the electrical connection.

Always use a suitable cable gland or seal for each cable entry to guarantee the IP value. The device is only IP66 if the supplied M20 cable glands with rubber seal are used!

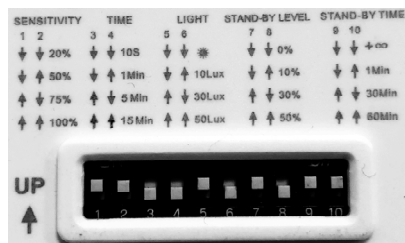
This fixture is suitable for an ambient temperature between -20 and +45°C.

### Devices with RF sensor:

Devices with RF motion sensor can be configured in two ways:

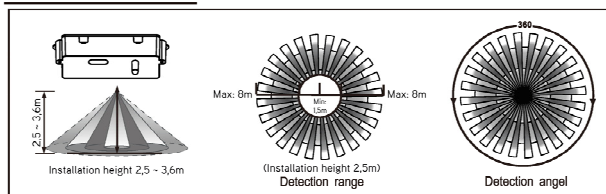
1. With the selector switches on the RF sensor
2. With an infra-red transmitter type INT-REMOTE (option)

The universal transmitter offers the possibility to set up a series of luminaires quickly and easily.



Detection range for ceiling mounting

### SENSOR COVERAGE



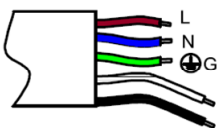
### Electrical connection:

#### Standard



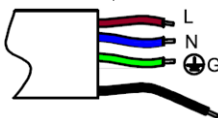
**200-240VAC**  
**Max. 5x2,5mm<sup>2</sup>**  
 Brown - L  
 Blue - N  
 Yellow/green - G

#### Dimming



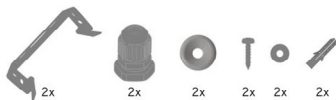
**Max. 5x2,5mm<sup>2</sup>**  
 Brown - L  
 Blue - N  
 Yellow/green - G  
 Whit - DA1/DIM+  
 Black - DA2/DIM-

#### With emergency unit



**Max. 5x2,5mm<sup>2</sup>**  
 Brown - L continu  
 Blue - N  
 Yellow/green - G  
 Black - switched

### Included mounting accessories:



### Possible options:

HWDP-SUS	Suspension set for HWDP 1,5 meter
INT-REMOTE	Remote for RF version
1-10V	Dimmable 1-10V
DALI	Dimmable DALI
RF	With RF sensor
EMS	Emergency unit 3h autotest LiFePO batt.
EMSRF	With RF sensor and emergency unit 3h



Installation and maintenance should always be done by qualified personnel. The light source of this fixture is not replaceable, the luminaire must be replaced at the end of its life.

Damaged devices in original packaging are exchanged under guarantee.

For outdoor applications, always use sturdy stainless steel studs and ensure firm anchoring.

The grounding must be correctly connected at all times to prevent safety problems.

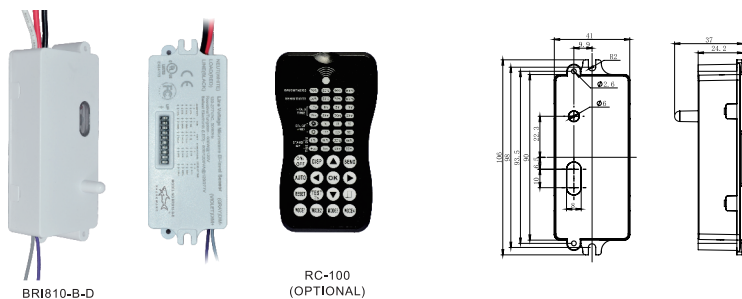
Always check whether the correct connection voltage is present.



Used lamps

Always return old or defective LED fixtures to an appropriate collection point in accordance with the applicable regulations regarding environmental protection. Used lamps can be deposited at a recycling point where they are accepted for free. Proper use of equipment makes it possible to preserve valuable environmental resources and prevent negative consequences for health and the environment.

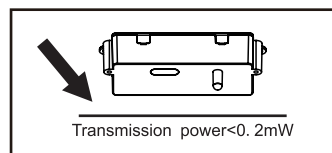
# Line Voltage Microwave Bi-level Sensor BRI810-B-D instruction



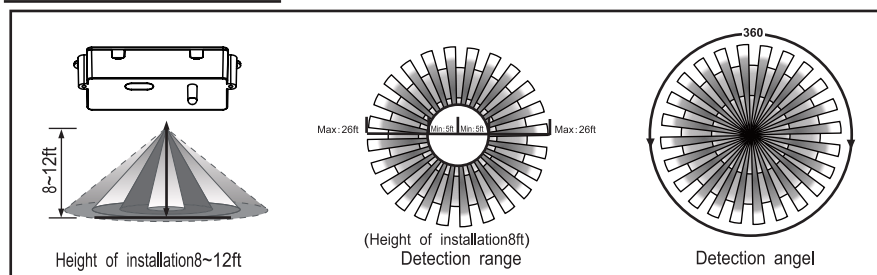
## SPECIFICATIONS

Power supply	120/277VAC 50/60Hz
Maximum load @ -40°F ~ +158°F (-40°C ~ +70°C)	Resistive/Tungsten - 600W@120V Electronic Ballast (LED) - 800VA@120V/1200VA@277V
HF System	5.8GHz CW
Dim control output	0-10V, max. 25mA sinking current
Detection radius/angle	Max 26ft. (8m) /360°
Mounting height	Max 12ft
Humidity	Max. 95% RH
Temperature	-40°F ~ +158°F (-40°C ~ +70°C)

**NOTE:** The high-frequency output of this sensor is <0.2mW that is just one 5000<sup>th</sup> of the transmission power of a mobile phone or the output of a microwave oven.



## SENSOR COVERAGE



Once powering the device up, the BRI810-B-D will use factory default parameters to operate.

## WARNING

**NOTE:** Warm up time is 15seconds. After the sensor connects input power first time, the light will keep on 15seconds, then go to dimming to work normally.

**NOTE:** Factory Default Setting: 100% sensitivity, Hold on time: 10seconds, Daylight sensor is 30lux, Dimming level:30%, Dimming time: 60minutes.

**NOTE:** Any setting changed by DIP Switch or remote control, the led light that sensor connect will on/off as confirm.

# Line Voltage Microwave Bi-level Sensor BRI810-B-D instruction

## UTILIZING FIELD AND INTRODUCTION

BRI810-B-D is a moving object sensor that can detect range of 360° and it's working frequency is 5.8GHz. The advantage of this product is stable working state (stable working temperature: -40°C~+70°C), BRI810-B adopts a microwave sensor (high-frequency output <0.2mW), so that it is safe and performs better than infrared sensor.

## FUNCTION AND OPTIONS

The microwave sensor to achieve tri-level dimming control, for same areas that require a light change notice before switch off.

It offers 3 levels of the light Control : 100%--dimming light (0,10%,30%,50%)--off; and 2 periods of selectable waiting time: motion hold-time and stand-by time. Selectable daylight threshold and choice of detection area.



With sufficient natural light, the light does not switch on when presence detected.

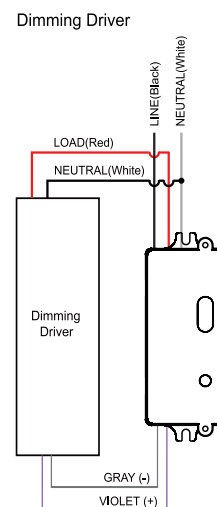
With insufficient natural light, the sensor switches on the light automatically when person enters room.

People left, light still dims to 0/10%/30%/50% (options) standby level after the hold time.

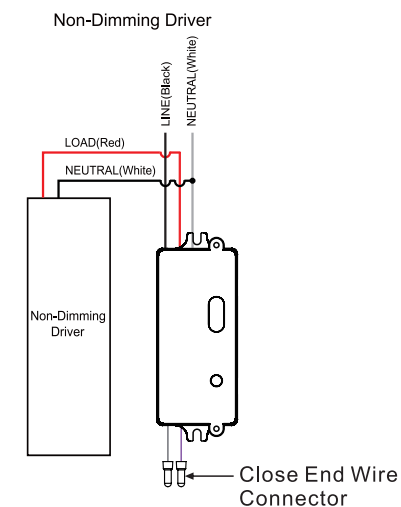
Light switches off automatically after after stand-by time elapsed.

## WIRING DIAGRAMS

Wiring with dimming ballast or LED driver.



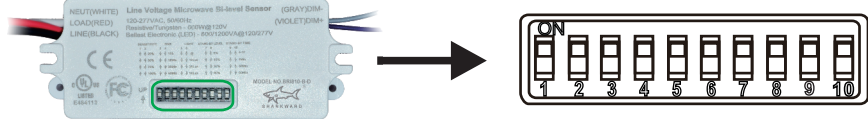
Wiring with non-dimming ballast or LED driver.



# Line Voltage Microwave Bi-level Sensor BRI810-B-D instruction

## PARAMETER SETTING BY DIP SWITCH

Consider the picture: 1, 2 set sensitivity; 3, 4 set hold time; 5, 6 set the lux; 7, 8 stand-by light level ; 9, 10 set stand-by time ;



### Detection Range Setting (sensitivity)

Detection range is the term used to describe the radii of the more or less circular detection zone produced on the ground after mounting the sensor light at a height of 8-20ft, pull switch to the ON position as "↑", pull switch to the OFF position as "↓", switch location and detection range of the corresponding table is as follows:

ON / OFF	1	2	SENSITIVITY
↑	↑	↑	20%
↓	↑	↓	50%
↓	↓	↓	75%
↓	↓	↑	100%

SENSITIVITY: 1, 2

### Hold Time Setting

The light can be set to stay ON for any period of time between approx. 10sec and a maximum of 15min. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test. Pull switch to the ON position as "↑", pull switch to the OFF position as "↓", switch location and hold time of the corresponding table is as follows:

ON / OFF	3	4	TIME
↑	↑	↑	10S
↓	↑	↓	1Min
↓	↓	↓	5Min
↓	↓	↑	15Min

TIME: 3, 4

### Light-control Setting

The chosen light response threshold can be infinitely from approx. 10-50lux, pull switch to the ON position as "↑", pull switch to the OFF position as "↓", switch location and light-control of the corresponding table is as follows:

ON / OFF	5	6	LIGHT
↑	↑	↑	☀ (light sensor disable)
↓	↑	↓	10Lux
↓	↓	↓	30Lux
↓	↓	↑	50Lux

LIGHT: 5, 6

# Line Voltage Microwave Bi-level Sensor BRI810-B-D instruction

## Stand-by Light Level Setting

Switch to the on is "↑", switch to the off is "↓"; The corresponding file of switch location and stand-by level as follow:

ON / OFF	7	8	STAND-BY LEVEL
↑	↑	↑	0%
↓	↑	↓	10%
↓	↓	↓	30%
↓	↓	↑	50%

STAND-BY LEVEL: 7, 8

## Stand-by Time Setting

Switch to the on is "↑", switch to the off is "↓"; File of switch location and stand-by time setting as follow:

ON / OFF	9	10	STAND-BY TIME
↑	↑	↑	+∞
↓	↑	↓	1Min
↓	↓	↓	30Min
↓	↓	↑	60Min

STAND-BY TIME: 9, 10

## PARAMETER SETTING BY REMOTE CONTROL IN MANUAL OF RC-100.

### INSTALLATION

