

PS-BATTEN

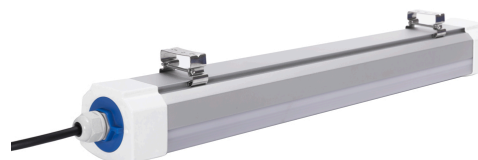
IP65 aluminium sensor batten with built-in microwave presence detection

MICROWAVE SENSOR BUILT IN

PRODUCT DESCRIPTION

PS-BATTEN is a 1.5 m sensor batten for car parks, stairwells, corridors, plant rooms and stores. A built-in microwave sensor switches the light on when people arrive and dims it back when the area is empty, so lights only run at full output when needed. The aluminium body and milky PC diffuser are sealed to IP65.

- › Built-in 5.8 GHz microwave presence sensor
- › Step dimming to 50% stand-by, then off
- › 60 W, 1500 mm, 130 to 140 lm/W
- › Aluminium housing, milky PC diffuser, IP65
- › Flicker-free driver, THD <15%, PF >0.9
- › Emergency version available



Microwave
Built-in sensor



130+ lm/W
Efficacy



IP65
Protection



5 Years
Warranty

APPLICATION: CAR PARKS, STAIRWELLS AND CORRIDORS

Light only when people are there

In car parks, stairwells and back of house areas people pass through for a few seconds at a time. PS-BATTEN detects movement through its diffuser, comes on at full output, holds for the set time and then steps down to a low stand-by level, cutting energy use without leaving anyone in the dark.

Microwave sensing

A 5.8 GHz microwave sensor is built in behind the diffuser. It detects movement through the housing, so there is no visible sensor head.

Adjustable settings

Detection area 25 to 100%, hold time 5 s to 30 min, stand-by level 25, 35 or 50% and stand-by period 0 s to permanent.

Energy saving

Full light only when the area is occupied, with step dimming in between. Up to 140 lm/W from the 60 W model.

IP65 aluminium

Aluminium housing with a milky PC diffuser, sealed to IP65 against dust and water jets for car parks and plant rooms.

Clean power

Flicker-free driver with THD <15% and power factor >0.9, for 200 to 240 V AC supplies.

Quick to fit

Surface mounting clips included and a single-ended 0.5 m pre-fitted cable for a simple one-end connection.

PS-BATTEN Technical data

IP65 aluminium sensor batten with built-in microwave presence detection

SPECIFICATION

Input voltage	200 to 240 V AC
Power	60 W (50 W version)
Luminous flux	approx. 7,800 lm (60 W)
Efficacy	130 to 140 lm/W
Length	1500 mm
Dimensions	1500 x 76 x 67 mm
CRI	Ra >80
Power factor	>0.9
THD	<15%, flicker-free
Beam angle	120°
Colour temperature	5000 K (3500 to 6000 K on request)
IP rating	IP65
Housing	Aluminium, milky PC diffuser
Sensor	Microwave 5.8 GHz, step dimming
Detection radius	4 to 7 m at 3 m height
Mounting height	Sensor max. 4 m
Wiring	Single end, 0.5 m cable, non-linkable
Emergency	Version available
Warranty	5 years



TECHNICAL SPECIFICATIONS

Product	Power	Lumen output	Efficacy	Dimensions L x W x H	Sensor
PS-BATTEN 50-S	50 W	approx. 7,500 lm	150 lm/W	1500 x 76 x 67 mm	Microwave
PS-BATTEN 60-S LARGEST	60 W	approx. 7,800 lm	130 to 140 lm/W	1500 x 76 x 67 mm	Microwave
PS-BATTEN 60-S EM	60 W	approx. 7,800 lm	130 to 140 lm/W	1500 x 76 x 67 mm	Microwave + emergency

SENSOR SETTINGS (FACTORY SET)

- › Detection area 100%
- › Stand-by level 50%
- › Hold time 5 min
- › Daylight sensor off, stand-by 0 s

IDEAL FOR

- › Car parks and stairwells
- › Corridors and back of house
- › Plant rooms and stores
- › Warehouses and loading areas

5 YEARS
WARRANTY

Every Polaris Light fitting carries a 5-year warranty. Ask us for a free lighting design, lux plan and energy savings calculation for your site.

