



## Intelligent LED Batten Lighting with Backup

LEDBTWS2 / SE Series: 18W and 36W battens in standard or battery backup models

The ENSA™ LED batten light series comprises customisable energy efficient lighting solutions that deliver control over your lighting, without the need for a complex management system. Models are available as standard sensor batten lights or as an emergency sensor batten light fitted with an emergency backup battery for up to 5 hours light uptime.

Intelligent emergency battens feature motion detection, on-time delay and standby time delay functions to tailor your light use for efficiency & practicality. Each model features 2-stage dimming and can be configured to stay at 100% brightness, to dim and then turn off, or to dim and stay dimmed. Ideal in stairwells, corridors, underpasses, car parks and more.

- 18 / 36W LED batten lights in standard & intelligent models
- Tailor your light use to further compound energy savings
- Adjustable light-use controls such as on-time delay
- Sensor can detect motion through glass and thin walls
- Built with tough housing: IP65 dust & weather resistant
- Emergency lighting models are AS2293.3 approved.
- Easy access TEST button for emergency light testing
- Series is IPART approved for use in the NSW ESS

## Series Specifications

Model	LEDBT18WS2 LEDBT18WSE (Non-emergency Sensor)	LEDBT36WS2 LEDBT18WSE (Non-emergency Sensor)	LEDBT18WSE (Emergency Sensor)	LEDBT36WS (Emergency Sensor)
Series Name	LEDBT2 Series: Standard LED Batten		LEDBTSE Series: Battery Backup LED Batten	
<b>Optical</b>				
Light Output	1980lm	3900lm	1980lm	3900lm
Luminous Efficacy	110lm/W	108lm/W	110lm/W	108lm/W
Colour Temperature	6000K			
Colour Rendering Index	> 80			
Beam Angle	126°	123°	126°	123°
Light Decay	L70 at 54,000 hours			
Rated Lifespan	54,000 hours			
<b>Electrical</b>				
Power Consumption	18W	36W	18W	36W
Input Voltage	180 ~ 240VAC (50 ~ 60Hz)			
Power Factor	>0.9		>0.95	
Battery Backup	N/A		6.4V 3000mAh LiFePO4	
Emergency Power Output	N/A		3.6W / 5 hours uptime	
<b>Control</b>				
Motion Detection	360° 5.8GHz Microwave / 8m max. radius / 50% ~ 100% adjustable (default: 100%)			
On-Time Delay	5s / 30s / 90s / 180s (default: 90s)			
Dimmed Brightness	20% / 40% / 60% / 100% (default: 20%)			
Dimming Timeout	0s / 90s / 180s / ∞s (default: ∞s)			
Dimming Description	Turn off / Time delay / Always on			
<b>General</b>				
Ingress Protection	IP65			
Plug / Socket / Base	Internal terminal block			
Installation Materials	Mounting clips, wall screws & plugs			
Reflector / Diffuser	Frosted diffuser			
Operating Environment	-20° ~ 40°C			
Dimensions	655 x 108 x 85mm	1260 x 108 x 85mm	655 x 108 x 85mm	1260 x 108 x 85mm
Certifications	IPART			
<b>Photometry</b>		18W models	36W models	
Illuminance at a Distance				

Your local ENSA™ lighting solutions professional: