



## 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, multi-storey 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 and 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	LEDBT36WS2	LEDBT18WSE	LEDBT36WSE																																				
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																																					
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Luminous Light Distribution																																								

## Ordering Information

Type	Wattage	Features
LEDBT	18W (18W) 36W (36W)	S2 (Non-emergency sensor batten) SE (Emergency sensor batten)
LEDBT36WSE: 36W LED Sensor Batten with Backup Battery		

Your local ENSA™ lighting professional: