



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																																							
Optical																																												
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																																											
Electrical																																												
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																																							
Control																																												
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																																											
General																																												
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																																											
Photometry																																												
	18W models				36W models																																							
Illuminance at a Distance	<table border="1"> <caption>18W Models Illuminance Data</caption> <thead> <tr> <th>Distance (m)</th> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>1m</td><td>566</td><td>3.06</td></tr> <tr><td>2m</td><td>141</td><td>6.12</td></tr> <tr><td>3m</td><td>63</td><td>9.19</td></tr> <tr><td>4m</td><td>35</td><td>12.25</td></tr> <tr><td>5m</td><td>23</td><td>15.31</td></tr> </tbody> </table>				Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1m	566	3.06	2m	141	6.12	3m	63	9.19	4m	35	12.25	5m	23	15.31	<table border="1"> <caption>36W Models Illuminance Data</caption> <thead> <tr> <th>Distance (m)</th> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>1m</td><td>1083</td><td>3.06</td></tr> <tr><td>2m</td><td>271</td><td>6.12</td></tr> <tr><td>3m</td><td>120</td><td>9.19</td></tr> <tr><td>4m</td><td>68</td><td>12.25</td></tr> <tr><td>5m</td><td>43</td><td>15.31</td></tr> </tbody> </table>				Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1m	1083	3.06	2m	271	6.12	3m	120	9.19	4m	68	12.25	5m	43	15.31
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Luminous Light Distribution	<p>0 ~ 180° 90 ~ 270° Units: cd</p>				<p>0 ~ 180° 90 ~ 270° Units: cd</p>																																							

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:

www.activeonline.com.au 1300 816 742