



Intelligent LED Batten Lighting



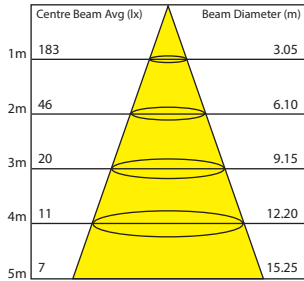
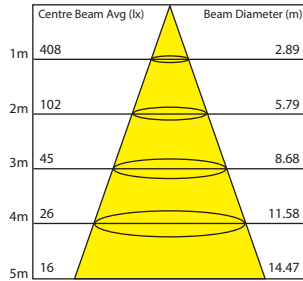
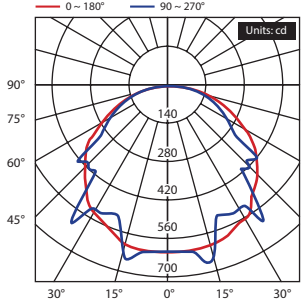
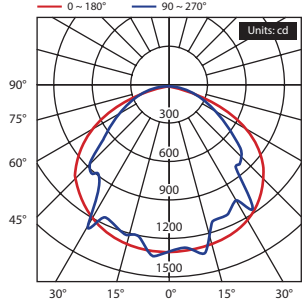
Available in 18W and 36W models, in standard batten 600mm & 1200mm lengths

The ENSA™ LED batten light series comprises truly customisable energy efficient lighting solutions that deliver unparalleled control over your lighting, without the need for a complex management system.

Each LED batten uses a fully-configurable ambient light sensor, 5.8GHz microwave motion sensor and light on-timer in tandem, achieving impressively low total energy consumption when compared to traditional twin-batten fluorescent tubes. They are perfect for areas with intermittent people traffic such as in stairwells, corridors, underpasses, multi-storey car parks and more.

- Tailor your light use to further compound energy savings.
- Adjustable light & motion sensing with on-time control.
- Sensor can detect motion through glass and thin walls.
- Built tough housing: IP65 dust and weather resistant.
- Control standby mode: completely off or half brightness.
- Long lifespan LED lighting: rated for up to 50,000 hours.

Series Specifications

Model	LEDBT18WS	LEDBT36WS																																				
Product Image																																						
Series Name	Standard LED Smart Batten																																					
Optical																																						
Luminous Flux	1350lm	3240lm																																				
Luminous Efficacy	75lm/W	90lm/W																																				
Colour Temperature	6000K																																					
Colour Rendering Index	> 70																																					
Beam Angle	140°																																					
Light Decay	< 15% at 20,000 hours																																					
Rated Lifespan	> 50,000 hours																																					
Electrical																																						
Power Consumption	18W	36W																																				
Input Voltage	220 ~ 240VAC (50Hz)																																					
Power Factor	> 0.9																																					
Dimmable	N/A																																					
Detection																																						
Ambient Light Sensor	3 ~ 2000lx (adjustable)																																					
Motion Detection	360° Microwave (5.8GHz) / 8m radius (adjustable)																																					
On-Time Delay	10s ~ 12min (adjustable)																																					
Standby Light Modes	Off (0% brightness) / Dimmed (50% brightness)																																					
General																																						
Ingress Protection	IP65																																					
Plug / Socket / Base	Internal terminal block																																					
Reflector / Diffuser	Clear polycarbonate diffuser / Metal clips																																					
Operating Environment	-20° ~ 50°C																																					
Dimensions	600 x 86 x 65mm	1200 x 95 x 80mm																																				
Equivalent Wattage	40W fluorescent	80W fluorescent																																				
Photometry																																						
Illuminance at a Distance	 <table border="1"> <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>183</td><td>3.05</td></tr> <tr><td>2m</td><td>46</td><td>6.10</td></tr> <tr><td>3m</td><td>20</td><td>9.15</td></tr> <tr><td>4m</td><td>11</td><td>12.20</td></tr> <tr><td>5m</td><td>7</td><td>15.25</td></tr> </tbody> </table>	Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1m	183	3.05	2m	46	6.10	3m	20	9.15	4m	11	12.20	5m	7	15.25	 <table border="1"> <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>408</td><td>2.89</td></tr> <tr><td>2m</td><td>102</td><td>5.79</td></tr> <tr><td>3m</td><td>45</td><td>8.68</td></tr> <tr><td>4m</td><td>26</td><td>11.58</td></tr> <tr><td>5m</td><td>16</td><td>14.47</td></tr> </tbody> </table>	Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1m	408	2.89	2m	102	5.79	3m	45	8.68	4m	26	11.58	5m	16	14.47
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Luminous Light Distribution																																						

Ordering Information

Type	Wattage	Features
LEDBT	18W (18W) 36W (36W)	S (Sensor batten)
LEDBT36WS: 36W LED Intelligent Batten Light		