

# 15 MINUTE TRAINING MODULE 006



## LED BATTENS



### What is an LED Batten?

An LED Batten is a linear fixture designed to be installed at lower height levels, to give good light distribution at an economical price. They are perfect for mounting on trunking and in continuous lines.

### What are the advantages of the LED Batten?

The main advantages over conventional fluorescent offerings are:

- Lower Wattage to improve energy savings
- Glass free, perfect for food preparation areas
- Vibration resistant, there aren't any tubes to work loose from lamp holders
- Instant light - no warm up period
- Long life reduces maintenance
- Opal diffuser for reduced glare and improved distribution.
- Safety cable for hands free installation

### Can the LED Batten operate from a remote motion sensor?

Yes!, LED Battens are perfect for use with motion sensors. The LED won't be affected by regular switching ON and OFF, as the LED gives instant light compared to the warm up periods of a fluorescent tube.

### Does the LED Batten have any other features?

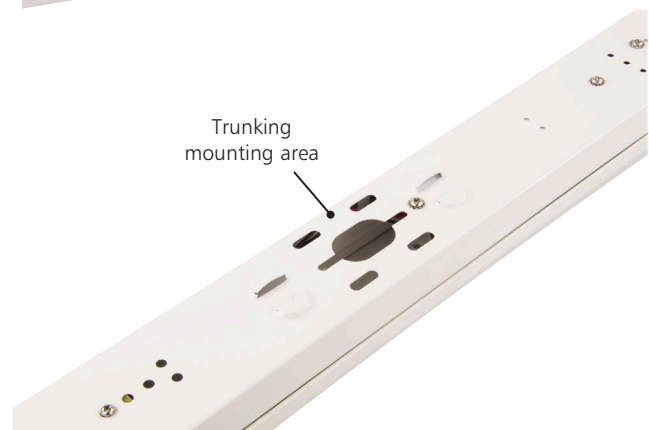
Déluce Lighting's Batten has one of the highest outputs available on offer and emergency options are available in all sizes and wattages. See the specifications on page 3.

### Does the LED Battens have Single and Twin Options?

No, but there are standard and high output options to replace single and twin fluorescent fittings

### Where would you use LED Battens?

- Low level warehouse racking
- Low level workshops
- Mezzanine spaces
- Supermarkets
- Store rooms



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### Are LED Battens classed as energy saving?

Yes, the LED Batten will save up to 65% in power consumption, saving money on energy and maintenance.

### Energy savings?

		Total Watts Per Fitting	Kilowatts Consumed	Cost Per kWh	Cost Per Hour	Total Hours Used	Total Cost Per Fitting	Number of Fittings	Cost Per Day	Per Year (365 Days)
<b>Existing Fittings</b>	6ft Twin 2 x 70W T8 Batten	156	0.049	£0.12	£0.0187	12	£0.22	100	£22.46	£8,199.36
<b>Proposed Fittings</b>	6ft High Output x 65W LED Batten	68	0.016	£0.12	£0.0082	12	£0.10	100	£9.79	£3,574.08
<b>Proposed Savings Per Year</b>										<b>£4,625.28</b>
<b>Total Fitting Cost</b>										<b>£5,500.00</b>
<b>Payback in Years</b>										<b>1.19</b>

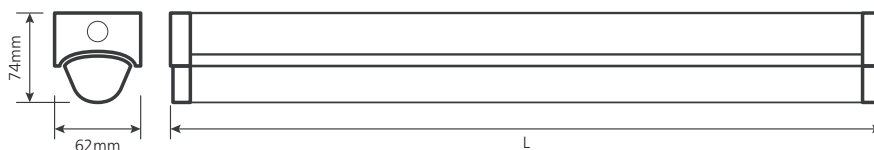
### What's in the Déluce Lighting LED Batten Range?

#### Features:

- Aluminium body with powder coated finish, UV stabilised to prevent discolouring. PC end caps
  - Opal diffuser
  - LED Philips driver included
  - LED Type: SMD
  - CRI: >80
  - Colour Temp = 4200±200K Cool White LED
  - IP20 Rating
  - 2 year warranty
- Emergency options available = E3

Product Code	Watts	Description	Lumens	No. of LEDs	L	W	H
<b>DLLEDBAT14</b>	22.5W	4ft - Standard Unit	2900	56 SMD	1168	62	74
<b>DLLEDBAT15</b>	35.5W	5ft - Standard Unit	4600	72 SMD	1458	62	74
<b>DLLEDBAT16</b>	48W	6ft - Standard Unit	6200	100 SMD	1728	62	74
<b>DLLEDBATHO14</b>	35.5W	4ft High Output - Standard Unit	4600	72 SMD	1168	62	74
<b>DLLEDBATHO15</b>	63W	5ft High Output - Standard Unit	8100	140 SMD	1458	62	74
<b>DLLEDBATHO16</b>	65W	6ft High Output - Standard Unit	8400	145 SMD	1728	62	74
<b>DLLEDBAT14E3</b>	22.5W	4ft - Emergency Unit	2900	56 SMD	1168	62	74
<b>DLLEDBAT15E3</b>	35.5W	5ft - Emergency Unit	4600	72 SMD	1458	62	74
<b>DLLEDBAT16E3</b>	48W	6ft - Emergency Unit	6200	100 SMD	1728	62	74
<b>DLLEDBATHO14E3</b>	35.5W	4ft High Output - Emergency Unit	4600	72 SMD	1168	62	74
<b>DLLEDBATHO15E3</b>	63W	5ft High Output - Emergency Unit	8100	140 SMD	1458	62	74
<b>DLLEDBATHO16E3</b>	65W	6ft High Output - Emergency Unit	8400	145 SMD	1728	62	74

measurements are in millimetres



**Notes:**

A series of horizontal dotted lines for taking notes, spanning the width of the page.



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