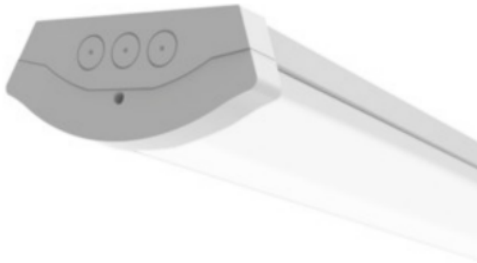


## Linear

### Olton Academic Batten 4ft Dual Wattage 20W & 38W 4000K White



Dual Wattage Olton UGR Academic Batten, perfect for the educational sector with open or corridor optic Emergency options to maximise Emergency lux levels. Robust steel body, Multi 20mm conduit entry, Opal, ribbed Polycarbonate diffuser to reduce glare



### General Data

<b>Technology</b>	LED
<b>Mounting options</b>	Ceiling   Wall   Suspended
<b>Electrical Connector Type</b>	Push fit terminal
<b>Install Options</b>	BESA
<b>Input Cable</b>	No
<b>Input Electrical Connection</b>	Live   Neutral   Earth   P Live
<b>General Application</b>	Commercial   Educational
<b>Operating Temperature Range °C</b>	0 - +30
<b>Warranty (Years)</b>	5

## Optical Data

<b>LED Manufacturer / Type</b>	Everlight
<b>Fixture Luminous Flux (Lm)</b>	2400   4550
<b>Luminaire Efficacy @4000K (lm/W)</b>	120
<b>LOR %</b>	100
<b>Colour Selectable</b>	No
<b>Beam Angle°</b>	115
<b>Glare Control (UGR)</b>	>21
<b>Photobiological Risk Group</b>	RG0

## Light Source Data

<b>Energy Class</b>	C
<b>Colour Temperature (K)</b>	4000
<b>Light Colour</b>	Cool White
<b>CRI Ra</b>	80

**Electrical Data**

<b>Wattage (W)</b>	20   38
<b>Total power consumption (W)</b>	20   38
<b>Mains voltage (V)</b>	220 - 240
<b>Lamp power factor</b>	>90
<b>Electrical protection</b>	Class I
<b>Driver Output (V)</b>	39 - 49
<b>Driver Output Current (mA)</b>	450   790
<b>Control Gear Type CC or CV</b>	Constant Current
<b>LED Flicker Rate</b>	Flicker-free
<b>Dimmable</b>	No
<b>Inrush Current (A)</b>	20
<b>Nominal Frequency (Hz)</b>	50   60
<b>Surge Protection (kV)</b>	1
<b>Max. Luminaire per 10A C Breaker</b>	20
<b>Max. Luminaire per 13A C Breaker</b>	30
<b>Max. Luminaire per 16A C Breaker</b>	40
<b>Max. Luminaire per 20A C Breaker</b>	50
<b>Max. Luminaire per 10A B Breaker</b>	16
<b>Max. Luminaire per 13A B Breaker</b>	24
<b>Max. Luminaire per 16A B Breaker</b>	32
<b>Max. Luminaire per 20A B Breaker</b>	40

## Lifetime Data

<b>Lifespan L70 B50 @25°C (Hrs)</b>	50000
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## Emergency Data

<b>Battery Type</b>	LiFePO4 6.4V
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<b>Battery Capacity (mAh)</b>	1500mAh
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<b>Battery Warranty (Years)</b>	2
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<b>Recharge Time (Hours)</b>	24 Hours
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<b>Emergency Type</b>	Maintained
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<b>Emergency Duration (Hours)</b>	3
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<b>Emergency Output</b>	330
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## Sensor Data

<b>Sensor Technology</b>	Microwave
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<b>Sensor Type</b>	ON/OFF
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<b>Max. Mounting Height (m)</b>	6
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<b>Hold time</b>	5s   30s   90s   3min   20min   30min
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<b>Detection area (m)</b>	12
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<b>Daylight Threshold</b>	2Lux 10Lux 25Lux 50Lux Disable
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<b>Detection radius (°)</b>	150 (Wall mounted) 360 (Ceiling Mounted)
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## Physical Data

<b>Housing Colour</b>	White RAL 9003
<b>Body Material</b>	Sheet Metal
<b>Driver Housing</b>	Metal casing
<b>IP Rating</b>	20
<b>IK Rating</b>	4
<b>Diffuser Material</b>	Polycarbonate
<b>Diffuser Finish</b>	Opal
<b>Nominal Product Length (mm)</b>	1190
<b>Nominal Product Width (mm)</b>	203
<b>Nominal Product Height (mm)</b>	83
<b>Weight (kg)</b>	2.044

## Standards and Approvals

<b>Manufactured In Accordance To</b>	EN 60598-1 EN60598-2-22
<b>CE Mark</b>	Yes
<b>UKCA Mark</b>	Yes
<b>WEEE Symbol</b>	Yes
<b>Certificate of Conformity</b>	Available on Request
<b>Accredited Members</b>	LIA, ISO9001

