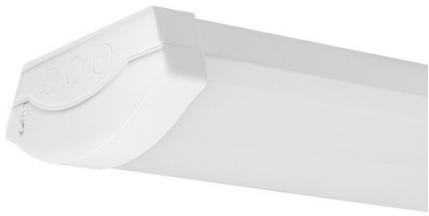
LED BATTEN

Olton

Olton Academic Batten 5ft 24W/46W 4000K Plug & Play UGR

Product code **421431-E3-MW**



Power	**24W / 46W**
Luminous flux	**3,600 / 6,900 lm**
Efficacy	**150 lm/W**
Colour temperature	**4000K**
Beam angle	**120°**
Protection	**IP20 · IK04**
Lifetime L70	**50,000 h**
Warranty	**5 years**

Introduction

Wattage selectable, IP20, up to 150 lm/W.

Features

- Academic Batten
- UGR Opal, ribbed polycarbonate diffuser to reduce glare
- Multi 20mm conduit entry
- 5 Year Product Warranty

Certification and options

Plug & Play enabled · Wattage selectable · IP20 Ingress protection · UKCA marked · CE marked

Recommended applications

Plant rooms, stores, corridors, workshops, car parks





Specification

Optical

Luminous flux	**3,600 / 6,900 lm**
Efficacy	**150 lm/W**
Colour temperature	**4000K**
Colour rendering	**Ra 80**
Colour consistency	**6 SDCM**
Beam angle	**120°**
Flicker	**Flicker Free**

Electrical

Power	**24W / 46W**
Supply voltage	**220-240V AC**
Frequency	**50 Hz / 60 Hz**
Driver type	**CC**
Driver	**Lumineux**
Dimming	**Fixed**

Lifetime and warranty

Lifetime L70	**50,000 h**
Energy class	**C**
Warranty	**5 years**
Replaceable driver	**Professional**
Replaceable light source	**Professional**

Construction

Ingress protection	**IP20**
Impact resistance	**IK04**
Electrical class	**Class I**
Body	**Steel**
Diffuser	**Polycarbonate**
Colour (RAL)	**RAL 9003**
Location	**Internal**
Dimensions (L x W x H)	**1522 x 199 x 82 mm**
Weight	**2.8 kg**

Installation

Mounting	**BESA/Conduit**
Connection	**Push Fit Terminal**
Ambient temperature	**-20 to +40 °C**

Emergency · from 430962

Emergency pack	**430962** Grafham 3.5W
Emergency power	**2.5 W**
Duration	**3 hours**
Mode	**Maintained/Non-Maintained**
Battery	**3.2V 3.2Ah LiFePO4**
Recharge time	**24 hours**
Pack protection	**IP20**
Pack size	**170 x 54 x 32 mm**
Emergency output	**approx. 380 lm**

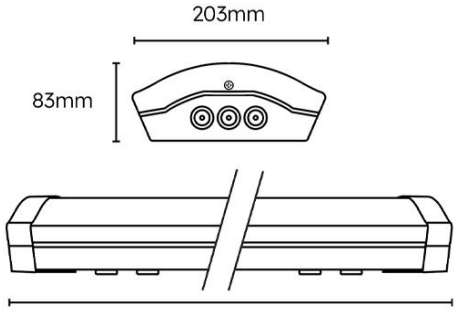
Emergency output is calculated from the pack's emergency power and the luminaire's efficacy.

Sensor and controls · from 430916

Sensor	**430916** Alwen Linear Microwave Sensor 220-240V AC 200W Max Plug & Play
Technology	**Microwave**
Switching	**On-Off**
Detection radius	**1.5 - 5 m**
Hold time	**5 sec - 30 min**
Max. mounting height	**6 m**
Grouping	**Standalone**
Standby power	**0.5 W**

Values are nominal. Luminous flux and efficacy are for the complete luminaire. Specifications may change without notice; the product page always carries the latest version.

Dimensions



4ft: 1190mm, **5ft:** 1490mm

Ordering information · Olton Plug & Play

CODE	DESCRIPTION	POWER	LUMINOUS FLUX	EFFICACY	CCT	BEAM
421430	Olton Academic Batten 4ft 16W/30W 4000K Plug & Play UGR	16W / 30W	2,400 / 4,500	150 lm/W	4000K	120°
421431	Olton Academic Batten 5ft 24W/46W 4000K Plug & Play UGR	24W / 46W	3,600 / 6,900	150 lm/W	4000K	120°
421431-DA	Olton Academic Batten 5ft 24W/46W 4000K Plug & Play UGR	24W / 46W	3,600 / 6,900	150 lm/W	4000K	120°
421430-E3	Olton Academic Batten 4ft 16W/30W 4000K Plug & Play UGR	16W / 30W	2,400 / 4,500	150 lm/W	4000K	120°
421431-E3	Olton Academic Batten 5ft 24W/46W 4000K Plug & Play UGR	24W / 46W	3,600 / 6,900	150 lm/W	4000K	120°
421431-DA-E3	Olton Academic Batten 5ft 24W/46W 4000K Plug & Play UGR	24W / 46W	3,600 / 6,900	150 lm/W	4000K	120°
421431-E3-MW	**Olton Academic Batten 5ft 24W/46W 4000K Plug & Play UGR**	**24W / 46W**	**3,600 / 6,900**	**150 lm/W**	**4000K**	**120°**

Code suffixes: -E3 E-SEL3 emergency, 3 hour -MW Microwave sensor -DA DALI dimming

Compatible modules and accessories

	CODE	DESCRIPTION
	430962	Grafham 3.5W Conversion Pack 50-300V DC 0-40mA LifePO4 3.2V DC 3.2Ah Plug & Play E-SEL3 Emergency

DOWNLOADS

Photometric files (LDT), installation instructions and the latest datasheet are on the product page:

www.lumineux.co.uk/shop/421431-e3-mw-olton-academic-batten-5ft-24w-46w-4000k-plug-play-ugr-e-sel3-emergency-microwave-63922

WARRANTY AND SUPPORT

5 years warranty. Terms at www.lumineux.co.uk/product-warranty-on-site-warranty.

Free lighting design and technical support: 01507 328031, support@lumineux.co.uk