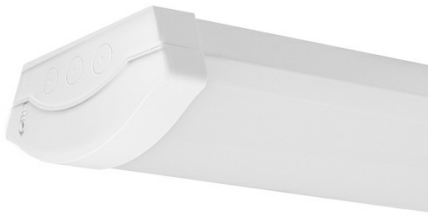
LED BATTEN

# Olton

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

Product code **421431-DA-E3**



| | |
|---|---|
| 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** |

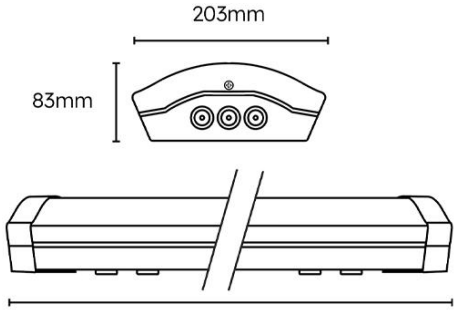
## Emergency · from 430962

| | |
|---|---|
| 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.

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 |
|---|---|---|
|  | 430916 | Alwen Linear Microwave Sensor 220-240V AC 200W Max Plug & Play |
|  | 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-da-e3-olton-opal-ugr-academic-batten-5ft-24w-46w-4000k-dali-e-sel3-emergency-63247**

### 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