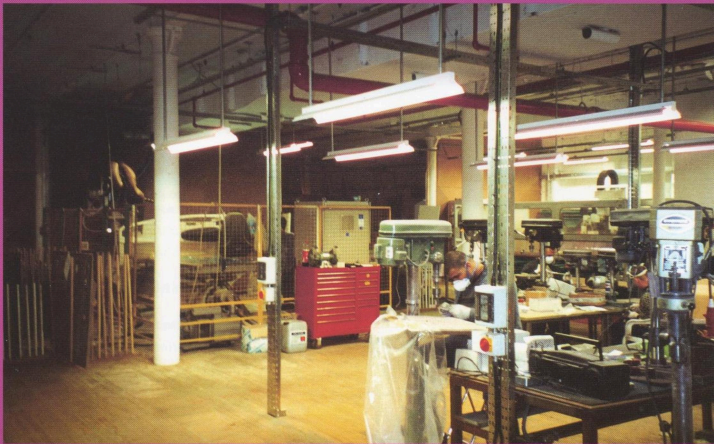


the energy efficient **Slimline T5 Batten**



Description

A versatile batten designed to meet the demands of heavy duty factory lighting or simple, unobtrusive cabinet and shelf lighting for retail. Using T5 lamp technology and the latest in low profile, high frequency ballasts the T5 batten offers energy efficiency combined with high output lighting. The combination of high frequency control gear and the T5 lamp offers a 20,000 hour lamp life, reducing maintenance costs.

Constructed with a sheet steel fabricated body and painted in white epoxy polyester RAL 9003, the control gear is fixed directly into the slimline body and terminated by a standard terminal block. The body is designed to take a wide angle reflector to enhance downward light efficiency, making the batten an ideal light source for open space industrial units and warehouse racking aisles.

In its standard form as a slimline batten it offers a profile that can be used for concealed location in applications such as retail cabinets, shelving systems and pelmet lighting.

The Batten is produced in three sizes:

875mm suitable for 21 watt and 39 watt T5 lamps

1178mm suitable for 28 watt and 54 watt T5 lamps

1478mm suitable for 35 watt and 49 watt & 80 watt T5 lamps

Battens can be supplied as either single or twin lamp versions.

Morgan-Hope have introduced a radiant lens that is clip fixed to the lamp, designed to reduce glare. When used in conjunction with the wide angle reflector, it allows full utilisation of the indirect reflected light that would normally be reduced when fitted with a fully enclosed diffuser. Other diffuser options are available to order.

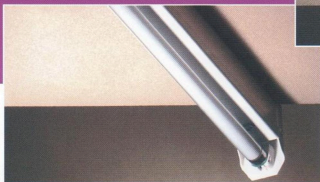
Features

- Super Slim Profile
- Suitable for wide angle reflector for enhanced downward light output
- High Frequency Control Gear fitted as standard
- T5 High Efficiency Lamps as standard
- 20,000 Hour Lamp Life
- Integral Emergency Option
- Unique Anti Glare Radiant Lens Cover
- Adaptable to the Morgan-Hope Dimmable Lighting System

Applications

- Factories
- Warehouses
- Racking Aisles
- Switch Rooms
- Cabinet Illumination
- Pelmet Lighting





Energy efficient control

The Slimline Batten can be supplied to function with the Morgan-Hope Movement Controlled Dimmable Lighting System, either on the basis of a dedicated detector for each batten or a remote detector to simultaneously switch multiples of battens.

This Dimmable Control System provides 100% light output during occupancy but dims down in two stages to a constant 10% when unoccupied, resulting in background comfort light and covering health and safety issues by ensuring that areas are not plunged into darkness, as can happen with a standard on/off movement control. Anticipated savings are in the region of 75% to 85% dependent upon activity within the related area. For further information ask for our brochure on "Lighting Where you need it, When you need it"

Technical

Control Gear: Proprietary brand High Frequency Ballast fitted as standard. High Frequency Regulating Ballast is fitted for the Dimmable version.

Electricity Supply: 240v – 50Hz

Lamps: T5 linear tubes with high efficiency output and 20,000 hour lamp life.

Ballast and Batten tested to Emission Standards to EN55022-A and EN55015

Immunity and Safety Standards

IEC801-2 Electrostatic Discharge

IEC801-4 Fast Transient Bursts

EN61000-4-11 Voltage Dips

EN61010-1 Earth Bond Test

EN61010-1 Flash Over Test

CE

Product range & ordering detail

| | |
|---------------|--------------------------|
| FLB-T5-121-HF | Single 21 watt T5 Batten |
| FLB-T5-221-HF | Twin 21 watt T5 Batten |
| FLB-T5-128-HF | Single 28 watt T5 Batten |
| FLB-T5-228-HF | Twin 28 watt T5 Batten |
| FLB-T5-135-HF | Single 35 watt T5 Batten |
| FLB-T5-235-HF | Twin 35 watt T5 Batten |
| FLB-T5-149-HF | Single 49 watt T5 Batten |
| FLB-T5-249-HF | Twin 49 watt T5 Batten |
| FLB-T5-180-HF | Single 80 watt T5 Batten |
| FLB-T5-280-HF | Twin 80 watt T5 Batten |

Dimensions

| |
|--------|
| 875mm |
| 875mm |
| 1178mm |
| 1178mm |
| 1478mm |
| 1478mm |
| 1478mm |
| 1478mm |
| 1478mm |
| 1478mm |

When required with the white wide angle reflector suffix the above codes with "RFLCT-WH"

For details on the Dimmable Lighting System and related codes contact our Helpline on 01704 512000

Nominal changes in sizes may occur due to manufacturing tolerances.



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