



Variance Batten



Variance Batten is a high light output, competitively priced T5 fluorescent fitting with an integral microwave presence detector, able to switch between 100% and 10% light output. Variance Batten combines versatile control options with excellent lighting performance, minimal wiring requirements and low cost of ownership. As such, it is ideal for projects requiring energy efficient lighting with automatic, intelligent control in areas that would typically use batten fittings, such as corridors, warehouse aisles etc.

With its integral presence detection, Variance Batten automatically reduces light levels in unoccupied areas while maintaining compliance with health and safety considerations, thus maximising energy efficiency. It also provides all of the energy-savings and light quality benefits of T5 fluorescent technology, giving a fast return on investment through low total life costs, including ease of installation and extended re-lamping schedules to reduce maintenance overheads.

The integral microwave presence detector is highly adaptable, offering a range of configurations and 'hold times' to suit the precise control needs of each project. Variance Batten is available with single or twin 28W, 35W, 49W, 54W and 80W lamp configurations as standard.

FEATURES

- High efficiency T5 fluorescent light sources
- Integral microwave presence detector
- Enhanced control with minimum wiring requirements
- Dimming to 10% of full output
- Control gear mounted to rear of chassis for optimum cooling
- Average lamp life of 24,000 hours for reduced maintenance costs
- 'Ultra' long life lamp option, providing an average lamp life of 48,000 hours*
- Excellent colour rendition
- Low maintenance costs
- Lamps available to suit specialist applications
- Flicker free lighting with no stroboscopic effect
- Some versions qualify for Enhanced Capital Allowances
- IP rating of IP20

* Based on BS standard switch cycles of 8 switches a day. Fewer switchings will give longer lamp life



Authorised User No. 00046





SAFETY AND PERFORMANCE

As you would expect from a company with over 25 years experience in the lighting and controls market,

our **Variance Batten** offers the following benefits:

- Dedicated ECG types for HO (High Output) lamps
- 50,000 hours lifetime*
- Preheat start within 1 second
- Constant light output for $U_N = 198\text{ V to }264\text{ V}$
- Reliable lamp ignition at $t_a = -20\text{ °C to }+50\text{ °C}$
- Cut-Off technology
- Energy Efficiency Index = A2
- Automatic safety shut down at end of lamp life or in case of failure acc. to EoL T.2
- Automatic ignition after lamp replacement

* for $t = 75\text{ °C}$ at t_c ; max. failure rate of 10 %

TECHNICAL SPECIFICATION




Supply voltage:..... 220 to 240V

Line frequency:..... 50 to 60Hz

Lamp start within 1s with optimum filament preheating

If there is a temporary interruption in the power supply (<0.5s) the lamp will start within 0.3s

Energy Efficiency Index:..... EEI = A2

Approval marks:   

Safety acc...... to EN 61347-2-3

Lamp operation acc...... to EN60929

RI suppression: acc. to EN55015

Line harmonics:..... acc. to EN 61000-3-2

Immunity acc...... to EN 61547

Dimensions (LxWxD):

5' single version:..... 1610 x 400 x 600mm

Weight - 5' single version:..... 1.35kg

IP Rating: IP20

*Including integrated sensor

Specifications may change without prior notice

ORDER CODES

Variance Batten Fittings

| Product | No. of Lamps | T5 lamp wattage | Product | No. of Lamps | T5 lamp wattage |
|----------|--------------|-----------------|----------|--------------|-----------------|
| VAR/BTN/ | 1/ | 28 | VAR/BTN/ | 2/ | 49 |
| VAR/BTN/ | 2/ | 28 | VAR/BTN/ | 1/ | 54 |
| VAR/BTN/ | 1/ | 35 | VAR/BTN/ | 2/ | 54 |
| VAR/BTN/ | 2/ | 35 | VAR/BTN/ | 1/ | 80 |
| VAR/BTN/ | 1/ | 49 | VAR/BTN/ | 2/ | 80 |

Example Variance Batten Lamp Options

| | |
|-----------------------|---|
| LAMP/T5/28W/840/4'/25 | T5 lamp, 28 watt, 4', box of 25, incl. WEEE levy |
| LAMP/T5/28W/840/4' | T5 lamp, 28 watt, 4', box of 40, incl. WEEE levy |
| LAMP/T5/28W/840/4'/SP | T5 lamp, 28 watt, 4', shatterproof, box of 40, incl. WEEE levy |
| LAMP/T5/35W/840/5'/25 | T5 lamp, 35 watt, 5', box of 25, incl. WEEE levy |
| LAMP/T5/35W/840/5'/LL | T5 lamp, 35 watt, 5', long life, box of 25, incl. WEEE levy |
| LAMP/T5/35W/840/5' | T5 lamp, 35 watt, 5', box of 40, incl. WEEE levy |
| LAMP/T5/35W/840/5'/SP | T5 lamp, 35 watt, 5', shatterproof, box of 40, incl. WEEE levy |
| LAMP/T5/49W/840/5'/25 | T5 lamp, 49 watt, 5', box of 25, incl. WEEE levy |
| LAMP/T5/49W/840/5' | T5 lamp, 49 watt, 5', box of 40, incl. WEEE levy |
| LAMP/T5/54W/840/4'/CO | T5 lamp, 54 watt, 4', Constant Output, box of 20, incl. WEEE levy |
| LAMP/T5/54W/840/4'/LL | T5 lamp, 54 watt, 4', Long life, box of 25 |
| LAMP/T5/54W/840/4' | T5 lamp, 54 watt, 4', box of 40, incl. WEEE levy |
| LAMP/T5/54W/840/4'/SP | T5 lamp, 54 watt, 4', Shatterproof, box of 40, incl. WEEE levy |
| LAMP/T5/80W/840/5'/CO | T5 lamp, 80 watt, 5', Constant Output, box of 20, incl. WEEE levy |
| LAMP/T5/80W/840/5'/LL | T5 lamp, 80 watt, 5' Long life, box of 25 |
| LAMP/T5/80W/840/5' | T5 lamp, 80 watt, 5', box of 40, incl. WEEE levy |
| LAMP/T5/80W/840/5'/SP | T5 lamp, 80 watt, 5' Shatterproof, box of 40, incl. WEEE levy |

CERTIFICATION

March 2010 will see the first stage of new Commission of the European Communities regulations with regards to ecodesign requirements (2005/32/EC) for fluorescent lamps, and for ballasts and luminaires able to operate such lamps, and repealing Directive 2000/55/EC.

By using the latest control gear and lamps, Variance Batten not only complies with future European legislation, but also conforms to EN 60598-1 and relevant Parts 2. Tri-phosphor and amalgam fluorescent lamps comply with EN61195 (safety) and EN60081 (performance) and with nominal initial (100h) lumen values included in this criteria.

For further information please call our office on 01582 748700.



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