

Schumann Shift®



BUATAN MALAYSIA
MADE IN MALAYSIA



Durable. Reliable. Efficient.

Schumann Shift T8-5 batten lamp with quality integrated electronic ballast.



LightLab
INTERNATIONAL

AS/NZS CISPR 15:2006
LL1004602E-R01



P5-006404
MS IEC 60598-1:2006
MS IEC 60598-2-1:1997

www.schumannshift.com



Durable and long lasting industrial grade batten lamp

How much can you save with Schumann Shift?

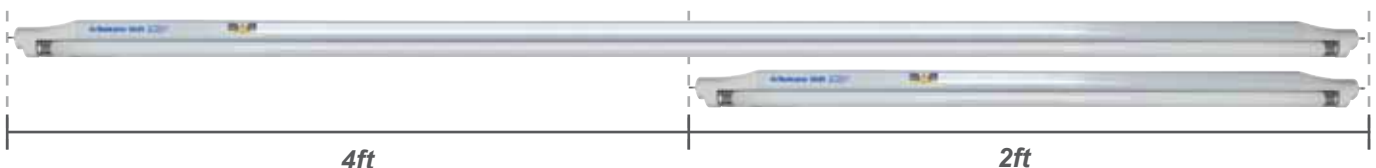
Visit www.schumannshift.com now to calculate how much you will save converting from conventional fluorescent lamps to Schumann Shift T8-5 batten lamps.

Schumann Shift T8-5 batten lamp is a high quality energy efficient (EE) lighting device that is in compliance with worldwide requirement on safety, reliability and durability. Schumann Shift T8-5 lamps are suitable for critical installation in hospitals, military bases, IT, telecommunication facilities, commercial buildings and factories. Schumann Shift advocates for greener and more energy efficient buildings upon installation.

T5 EE lighting is now globally promoted to reduce carbon footprint, an effective means of addressing the global warming concern. EE lighting is also a practical solution for saving energy and lowering fluorescent lighting maintenance cost, resulting in higher productivity.

Conventional fluorescent lamp that uses magnetic ballast to modulate electrical current at a relatively low cycle rate will cause a noticeable flicker as it vibrates at low frequency. This is the source of an audible humming sound people associate with fluorescent lamps.

Schumann Shift's ballast design uses advance electronics to regulate the current flowing through the electrical circuit more precisely. An ultra-high frequency electronic ballast with instant start, operating with triphosphor tube will be much brighter, resulting in high efficiency output. Schumann Shift energy saving lamps are energy efficient and cost saving. When an environment is fitted optimally, a comfortable ambience is achieved, thus fatigue reduces in the workforce and productivity increases.



Schumann Shift batten lamps come in 2 sizes as above.



How to install a Schumann Shift Batten Lamp

Our product is a simple 3-step installation process, hassle free and convenient:



Solution that complements

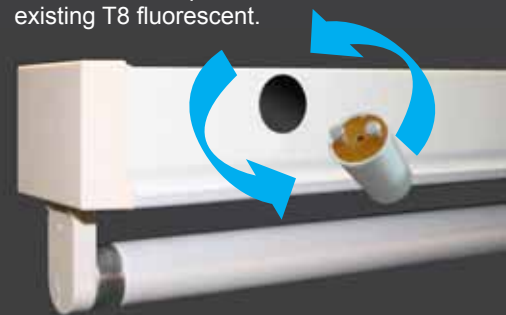
Schumann Shift Malaysia provides solution, professional advice, after-sales follow up and warranty. Schumann Shift, is about quality, reliability and practical solutions for your fluorescent lighting needs, on top of energy efficiency, cost saving and quality design that complements aesthetically.

Proudly made in Malaysia, Schumann Shift encompasses quality and reliability that stands above others in the market to meet your expectations. When you invest in Schumann Shift there will be peace of mind for your fluorescent lighting needs.

Schumann Shift, manufactured in Malaysia in accordance to international standards of IEC and SIRIM QAS. Our product is also exported overseas besides catering to the local market.

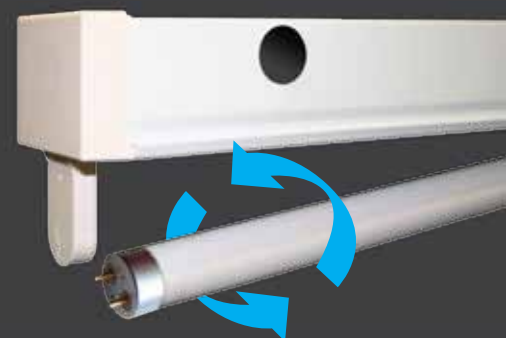
Step 1

Remove the lamp starter from the existing T8 fluorescent.



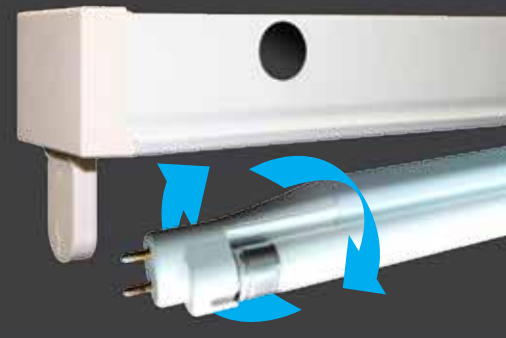
Step 2

Remove the conventional fluorescent lamp.



Step 3

Install the Schumann Shift Batten Lamp.



Technical specifications:

| | SHIFT T8-5 28W - 4ft (series 36W ballast) | SHIFT T8-5 14W - 2ft (series 18W ballast) |
|--------------------------|---|---|
| Input Voltage Range | 220V - 252V, 50Hz | 220V - 252V, 50Hz |
| Power (preset) | 22W - 31W @ 220 / 230 / 240VAC | 13W - 16W @ 220 / 230 / 240VAC |
| Input Current (avg.) | 0.12A | 0.06A |
| Power Factor | 0.98PF | |
| Switching Device | 500V, Power Mosfets | |
| Electrolytic Capacitor | EEUED | |
| EMC Filter Configuration | UU choke + x safety + Y caps | |

“ Locally manufactured, Schumann Shift comes with a 2 years warranty* and a serviceable ballast. This high surge protection batten lamp is advantageous in critical lighting environments. ”

**Warranty covers 2 years on electronic ballast and 1 year on lamp.*

Benefits at a glance:

Below are the advantages of Schumann Shift T5 fluorescent lamps versus conventional T8 fluorescent lamps:

- ✓ Durable lamp lifespan up to 20,000 hours
- ✓ Choice of different illumination levels for specific needs
- ✓ High power factor averaging 0.98PF and above, reduce stress on capacitor bank
- ✓ Low heat load for air-conditioned environment thus cooler atmosphere
- ✓ No starter replacement, lessen stress on demand maintenance
- ✓ Instant start, even at abnormally low mains voltage and ambient temperature
- ✓ Lower overall lighting maintenance costs and easy installation
- ✓ Quality illumination with ultra high frequency versus 50Hz (stroboscopic)
- ✓ Filters radio and infra-red (IR) frequency interferences
- ✓ Low energy consumption, average 40% energy savings
- ✓ Retro-fit design, minimum disruption
- ✓ Able to withstand continuous/frequent transient spike voltages
- ✓ Provision of optional extended warranty (up to 10 years)
- ✓ Proven 25 years' European expertise and collaboration on lighting technology
- ✓ Certified and tested by SIRIM

Authorized Distributor:

Schumann Shift®
www.schumannshift.com