



HF-Selectalume II for TL5 lamps

HF-S 254 TL5 II 220-240V 50/60Hz

HF-Selectalume II is the most cost-effective, reliable, slim and affordable fluorescent solution, with highly disruptive technology for energy saving, system flexibility and unsurpassed performance. The cost-saving HF-Selectalume II has a robust design which meets all relevant international safety and performance standards. HF-Selectalume II is intended for use with indoor lighting fixtures such as spotlights, downlights and recessed luminaires, which are largely used in office, retail, industry, hotel, restaurant and other applications where control devices are installed with occasional On/Off switching activity

Product data

| General information | |
|---------------------|--------------|
| Application code | II |
| Type version | mk1 |
| Lamp type | TL5 |
| Number of lamps | 2 piece/unit |
| Automatic restart | Yes |

| Operating and electrical | |
|--------------------------------|-------------------|
| Input Voltage | 220 to 240 V |
| Input frequency | 50 to 60 Hz |
| Operating frequency (nom.) | 40-60 kHz |
| Crest factor (nom.) | 1.7 |
| Power factor 100% load (nom.) | 0.99 |
| Preheat time | 1.6 s |
| Mains voltage performance (AC) | 202-254V-8%-+6% |
| Mains voltage safety (AC) | 198-264V-10%-+10% |
| Earth leakage current (max.) | 0.5 mA |

| | |
|-----------------------------|---------|
| Inrush current width | 0.38 ms |
| Ballast factor (nom.) | 0.99 |
| Power losses (nom.) | 13.7 W |
| Inrush current peak (max.) | 28 A |
| Efficiency at full load [%] | 93.4 % |

| Wiring | |
|---|--|
| Connector type input terminals | WAGO 744 connector |
| Cable capacity output wires mutual (max.) | 200 pF |
| Connector type output terminals | WAGO 744 connector [Suitable for manual wiring] |
| Cable length hot-wiring | 0.75 m |
| Wire strip length | 8.0-9.0 mm |
| Dual fixture master/slave | Possible, lamp wires 2m max. length [Master/Slave operation possible] |
| Input terminal cross section | 0.50-1.50 mm ² |
| Output terminal cross section | 0.50-1.50 mm ² |

HF-Selectalume II for TL5 lamps

| | |
|---|--------|
| Cable capacity cold output wires – earth (max.) | 200 pF |
| Cable capacity hot output wires – earth (max.) | 200 pF |

System characteristics

| | |
|--------------------------|---------|
| Rated ballast-lamp power | 54 W |
| Rated lamp power on TL5 | 54 W |
| System power on TL5 | 110.9 W |
| Lamp power on TL5 | 97.2 W |
| Power loss on TL5 | 13.7 W |

Temperature

| | |
|------------------------|--------|
| T-ambient (max.) | 50 °C |
| T-ambient (min.) | -15 °C |
| T storage (max.) | 80 °C |
| T storage (min.) | -40 °C |
| T-case lifetime (nom.) | 75 °C |
| T-Case maximum (max.) | 75 °C |

Mechanical and housing

| | |
|---------|-------------|
| Housing | L 280x30x21 |
|---------|-------------|

Emergency operation

| | |
|---------------------------------------|--------------|
| Nominal light output after 60 seconds | 100% of EBLF |
| Normal operating voltage (DC) | 220–240 V |
| Battery voltage guaranteed operation | 176–275 V |
| Battery voltage guaranteed ignition | 186–275 V |

| | |
|--|-------------|
| Emergency ballast lumen factor (EBLF) (nom.) | 100 % |
| Nominal light output after 5 seconds | 50% of EBLF |

Approval and application

| | |
|-------------------------|---|
| Energy efficiency index | A2 BAT |
| IP classification | IP 20 [Ingress Protection 20] |
| EMI 9 kHz ... 30 MHz | EN55015 |
| Vibration standard | IEC68-2-6 F c |
| Bumps standard | IEC 68-2-29 Eb (10G/16ms) |
| Approval marks | F-Marking CE marking ENEC certificate CCC certificate C-Tick certificate PSB certification TISI marking SIRIM approval CB Certificate CCC certificate VDE-EMV certificate |
| Humming and noise level | < 30 dB(A) |

Product data

| | |
|-----------------------------------|----------------------------------|
| Full product code | 872790090562500 |
| Order product name | HF-S 254 TL5 II 220-240V 50/60Hz |
| EAN/UPC – product | 8711500999382 |
| Order code | 913713033766 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 12 |
| SAP material | 913713033766 |
| Copy Net Weight (Piece) | 0.221 kg |

Dimensional drawing

A2

| Product | D1 | C1 | A1 | A2 | B1 |
|-------------------------------------|--------|---------|----------|----------|---------|
| HF-S 254 TL5 II 220-240V 50/60Hz | 4.1 mm | 21.5 mm | 360.0 mm | 350.0 mm | 30.0 mm |

HF-S 254 TL5 II 220-240V 50/60Hz

HF-Selectalume II for TL5 lamps

