



# HF-Selectalume II for TL5 lamps

## HF-S 2 24-39 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                | Inrush current width                      | 0.35 ms  |
| Type version                   | mk1               | Ballast factor (nom.)                     | 1.14   |
| Lamp type                      | TL5               | Power losses (nom.)                       | 6/7 W  |
| Number of lamps                | 2 piece/unit      | Inrush current peak (max.)                | 30 A   |
| Automatic restart              | Yes               | Efficiency at full load [%]               | 90 %   |
| Operating and electrical       |                   | Wiring                                    |  |
| Input Voltage                  | 220 to 240 V      | Connector type input terminals            | WAGO 744 connector   |
| Input frequency                | 50 to 60 Hz       | Cable capacity output wires mutual (max.) | 200 pF   |
| Operating frequency (nom.)     | 45 kHz            | Connector type output terminals           | WAGO 744 connector [ Suitable for manual wiring]                       |
| Crest factor (nom.)            | 1.7               | Cable length hot-wiring                   | 0.75 m   |
| Power factor 100% load (nom.)  | 0.98              | Wire strip length                         | 8.0-9.0 mm   |
| Preheat time                   | 1.6 s             | Dual fixture master/slave                 | Possible, lamp wires 2m max. length [ Master/Slave operation possible] |
| Mains voltage performance (AC) | 202-254V-8%-+6%   | Input terminal cross section              | 0.50-1.50 mm <sup>2</sup>  |
| Mains voltage safety (AC)      | 198-264V-10%-+10% | Output terminal cross section             | 0.50-1.50 mm <sup>2</sup>  |
| Earth leakage current (max.)   | 0.5 mA            |   |  |

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

### System characteristics

|                          |           |
|--------------------------|-----------|
| Rated ballast-lamp power | 24/39 W   |
| Rated lamp power on TL5  | 24/39 W   |
| System power on TL5      | 56/83 W   |
| Lamp power on TL5        | 50/76 W   |
| Power loss on TL5        | 6.0/7.0 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 lifetime (nom.) | 75 °C  |
| T-Case maximum (max.)  | 75 °C  |

### Mechanical and housing

|         |               |
|---------|---------------|
| Housing | L 280x30x21.5 |
|---------|---------------|

### 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    |

## Dimensional drawing

A2

HF-S 2 24-39 TL5 II 220-240V 50/60Hz

|  |             |
|--|-------------|
| 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<br>CCC certificate C-Tick certificate PSB<br>certification TISI marking SIRIM approval<br>CB Certificate CCC certificate VDE-EMV<br>certificate |
| Humming and noise level | < 30 dB(A)  |

### Product data

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| Full product code                 | 872790093935400                      |
| Order product name                | HF-S 2 24-39 TL5 II 220-240V 50/60Hz |
| EAN/UPC – product                 | 8727900939354                        |
| Order code                        | 913713034566                         |
| SAP numerator – quantity per pack | 1                                    |
| Numerator – packs per outer box   | 12                                   |
| SAP material                      | 913713034566                         |
| Net Weight (Piece)                | 0.210 kg                             |

| Product                                 | D1     | C1      | A1       | A2       | B1      |
|---|--------|---------|----------|----------|---------|
| HF-S 2 24-39 TL5 II<br>220-240V 50/60Hz | 4.1 mm | 21.5 mm | 280.0 mm | 265.0 mm | 30.0 mm |

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