



HF-Selectalume II for TL5 lamps

HF-S 154 TL5 II 220-240V 50/60Hz

HF-Selectalume II TL5 is the most cost-effective, reliable and outstanding solution for fluorescent lamps. These ballasts are part of an overall high-efficiency lighting system that may help you or your customers to achieve any international or local energy code you need to comply with.;HF-Selectalume II TL5 ballasts are the ideal choice for a broad range of new construction and retrofit applications within the commercial sector, including general surface mounting or office lighting, parking garages, warehouses, waterproof and other applications.;The ballast is primarily designed for Indoor application. For outdoor application, the luminaire should be minimum Classland need to be sufficiently protected against water & dust. The installation should also be guard against any lightening surge or any other necessary electrical protection as deemed in such typical installation & application.

Product data

| General information | | Mains Voltage Performance (AC) | |
|------------------------------|--------------|--|--|
| Application Code | II | Mains Voltage Performance (AC) | 202-254V-8%~+6% |
| Type Version | mk1 | Mains Voltage Safety (AC) | 198-264V-10%~+10% |
| Lamp Type | TL5 | Earth Leakage Current (Max) | 0.5 mA |
| Number of Lamps | 1 piece/unit | Inrush Current Width | 0.25 ms |
| Automatic Restart | Yes | Ballast Factor (Nom) | 1.02 |
| Operating and electrical | | Power Losses (Nom) | 4.7 W |
| Input Voltage | 220 to 240 V | Inrush Current Peak (Max) | 20 A |
| Input Frequency | 50 to 60 Hz | Efficiency at full load [%] | 92.51 % |
| Operating Frequency (Nom) | 40-60 kHz | Wiring | |
| Crestfactor (Nom) | 1.7 | Connector Type Input Terminals | WAGO 744 connector |
| Power Factor 100% Load (Nom) | 0.98 | Cable Capacity Output Wires Mutual (Max) | 200 pF |
| Preheat Time | 1.6 s | Connector Type Output Terminals | WAGO 744 connector [Suitable for manual wiring] |

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|--|---|
| Cable Length Hot Wiring | 0.75 m |
| Wire Striplength | 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 |
| Cable Capacity Cold Output Wires - Earth (Max) | 200 pF |
| Cable Capacity Hot Output Wires - Earth (Max) | 200 pF |

System characteristics

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|--------------------------|--------|
| Rated Ballast-Lamp Power | 54 W |
| Rated Lamp Power on TL5 | 54 W |
| System Power on TL5 | 58.7 W |
| Lamp Power on TL5 | 54 W |
| Power Loss on TL5 | 4.7 W |

Temperature

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|-----------------------|--------|
| 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

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

Emergency operation

| | |
|---------------------------------------|--------------|
| Nominal Light Output After 60 Seconds | 100% of EBLF |
|---------------------------------------|--------------|

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|---|-------------|
| 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

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|-------------------------|---|
| 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 |
| Hum And Noise Level | < 30 dB(A) |

Product data

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|---------------------------------|----------------------------------|
| Full product code | 872790090561800 |
| Order product name | HF-S 154 TL5 II 220-240V 50/60Hz |
| EAN/UPC - Product | 8711500999375 |
| Order code | 913713033666 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |
| Material Nr. (12NC) | 913713033666 |

Dimensional drawing

A2

| Product | D1 | C1 | A1 | A2 | B1 |
|-------------------------------------|--------|---------|--------|--------|---------|
| HF-S 154 TL5 II 220-240V 50/60Hz | 4.1 mm | 28.0 mm | 280 mm | 265 mm | 30.0 mm |

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