

Lighting

PHILIPS

HF-Selectalume II for TL-D lamps

HF-S 218/236 TL-D II 220-240V 50/60Hz

HF-Selectalume II TL-D 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 TL-D 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 | |
|--|---------------------|
| Application Code | II |
| Type Version | mk1 |
| Lamp Type | TL-D |
| Number of Lamps | 2 piece/unit |
| Number of Products on MCB (16A Type B) | 28 |
| (Nom) | |
| | |
| Automatic Restart | Yes |
| Automatic Restart | Yes |
| Automatic Restart Operating and Electrical | Yes |
| | Yes 220 to 240 V |
| Operating and Electrical | |
| Operating and Electrical Input Voltage | 220 to 240 V |

| Power Factor 100% Load (Nom) | 0.98 |
|--|--------------------|
| 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 | 0.35 ms |
| Ballast Factor (Nom) | 1.01 |
| Power Losses (Nom) | 4.6 W |
| Inrush Current Peak (Max) | 18 A |
| | |
| Wiring | |
| Connector Type Input Terminals | WAGO 744 connector |
| Cable Capacity Output Wires Mutual (Max) | 200 pF |
| | |

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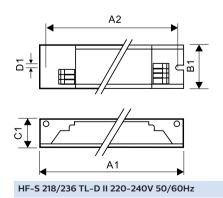
| Connector Type Output Terminals | WAGO 744 connector [Suitable for |
|--|-------------------------------------|
| | manual wiring] |
| Cable Length Hot Wiring | 0.75 m |
| Wire Striplength | 8.0-9.0 mm |
| Dual Fixture Master/Slave | Possible, lamp wires 2m max. length |
| | [Master/Slave operation possible] |
| Input Terminal Cross Section | 0.50-1.50 mm² |
| Output Terminal Cross Section | 0.50-1.50 mm² |
| Cable Capacity Cold Output Wires - Earth | 200 pF |
| (Max) | |
| Cable Capacity Hot Output Wires - Earth | 200 pF |
| (Max) | |
| | |
| System characteristics | |
| Rated Ballast-Lamp Power | 36/18 W |
| Rated Lamp Power on TL-D | 36/18 W |
| System Power on TL-D | 70.4/37.7 W |
| Lamp Power on TL-D | 63.9/32.9 W |
| Power Loss on TL-D | 6.5/4.8 W |
| Rated Lamp Power on PL-L | 36 W |
| System Power on PL-L | 66.7 W |
| Lamp Power on PL-L | 61.2 W |
| Power Loss on PL-L | 5.5 W |
| | |
| Temperature | |
| T-Ambient (Max) | 55 °C |
| T-Ambient (Min) | -20 °C |
| T-Storage (Max) | 80 °C |
| T-Storage (Min) | -40 °C |
| T-Case Lifetime (Nom) | 75 °C |
| T-Case Maximum (Max) | 75 °C |

| 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) | 100 % |
| (Nom) | |
| 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 |
| Hum And Noise Level | < 30 dB(A) |
| | |
| Product Data | |
| Full product code | 872790090553300 |
| Order product name | HF-S 218/236 TL-D II 220-240V 50/60Hz |
| EAN/UPC - Product | 8711500999313 |
| Order code | 913713032466 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |
| Material Nr. (12NC) | 913713032466 |
| Net Weight (Piece) | 0.193 kg |
| | |

Mechanical and Housing

| Housing | L 280x30x28 |
|---------|-------------|
| | |

Dimensional drawing



Product

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