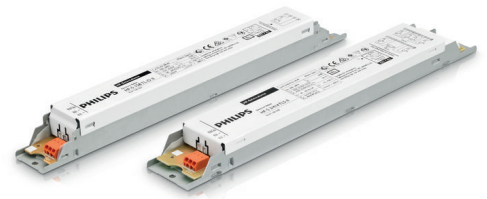


PHILIPS

Lighting



Most reliable standard, energy- efficient solution

HF-Selectalume II for TL-D lamps

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.

Benefits

- Exceptional energy efficiency with striation-reduction technology in lighting systems at lower temperatures
- Maximum reliability in system operation
- Provides extended lamp life in frequent-switching applications

Features

- Highest CELMA Energy Efficiency Index A2 BAT*
- Complies with CE, ENEC, EL, VDE-EMC, CCC marks of conformity
- Average nominal service lifetime over 85,000 hours (at Ta 50°C) with a failure rate $\leq 0.1\%$ per 1,000 hours)
- Optimized lamp preheating for min 50,000 On/Off switch operations without replacement of lamps

HF-Selectalume II for TL-D lamps

Application

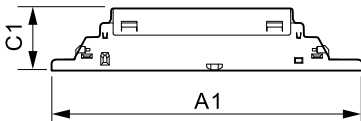
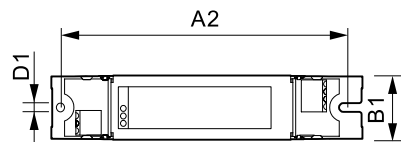
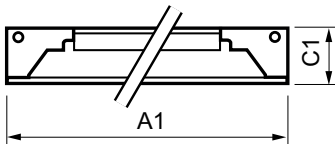
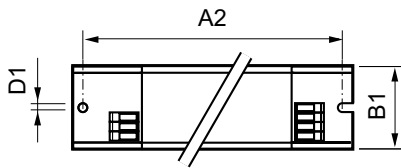
- Suitable for DC operation and emergency lighting installations; full compliance with requirements for emergency lighting according to EN 61347-2-3 -annex J
- For applications with high switching activity, e.g. where movement-detection control devices are used
- For luminaires of protection class I and protection class II used in office buildings, hospitals, supermarkets, department stores, industrial premises and schools

Versions



HF-S 118, 136 & 158 TL-D II, HF-S 3/414, 3/424 TL5 II

Dimensional drawing



| Product | A1 | B1 | C1 | A2 | B2 | D1 |
|--|--------|-------|---------|--------|----|--------|
| HF-S 336 TL-D II 220-240V 50/60Hz | 280 mm | 39 mm | 28.5 mm | 265 mm | | 4.2 mm |
| HF-S 3/4 18 TL-D II 220-240V 50/60Hz | 280 mm | 39 mm | 28 mm | 265 mm | | 4.2 mm |
| HF-S 218/236 TL-D II 220-240V 50/60Hz | 280 mm | 30 mm | 28 mm | 265 mm | | 4.2 mm |
| HF-S 158 TL-D II 220-240V 50/60Hz | 280 mm | 30 mm | 28.5 mm | 265 mm | | 4.2 mm |
| HF-S 118/136 TL-D II 220-240V 50/60Hz | 280 mm | 30 mm | 28 mm | 265 mm | | 4.2 mm |

| Product | D1 | C1 | A1 | A2 | B1 |
|--------------------------------------|--------|---------|----------|----------|---------|
| HF-S 258 TL-D II 220-240V 50/60Hz | 4.1 mm | 28.0 mm | 280.0 mm | 265.0 mm | 30.0 mm |

HF-Selectalume II for TL-D lamps

Operating and Electrical

| | |
|-----------------|--------------|
| Input Frequency | 50 to 60 Hz |
| Input Voltage | 220 to 240 V |

Emergency Operation

| | |
|---|-------|
| Emergency Ballast Lumen Factor (EBLF) (Nom) | 100 % |
|---|-------|

General Information

| | |
|-----------|------|
| Lamp Type | TL-D |
|-----------|------|

Approval and Application

| Order Code | Full Product Name | Energy Efficiency Index |
|--------------|---------------------------------------|-------------------------|
| 913713032166 | HF-S 118/136 TL-D II 220-240V 50/60Hz | A2 BAT |
| 913713032266 | HF-S 158 TL-D II 220-240V 50/60Hz | A2 BAT |
| 913713032466 | HF-S 218/236 TL-D II 220-240V 50/60Hz | A2 BAT |

| Order Code | Full Product Name | Energy Efficiency Index |
|--------------|--------------------------------------|-------------------------|
| 913713032566 | HF-S 258 TL-D II 220-240V 50/60Hz | A2 BAT |
| 913713032666 | HF-S 3/4 18 TL-D II 220-240V 50/60Hz | A2/A2 BAT |
| 913713032766 | HF-S 336 TL-D II 220-240V 50/60Hz | A2 |

General Information

| Order Code | Full Product Name | Number Of Products On MCB (16A Type) | |
|--------------|---------------------------------------|--------------------------------------|-----------------|
| | | B) (Nom) | Number Of Lamps |
| 913713032166 | HF-S 118/136 TL-D II 220-240V 50/60Hz | 28 | 1 piece/unit |
| 913713032266 | HF-S 158 TL-D II 220-240V 50/60Hz | 28 | 1 piece/unit |
| 913713032466 | HF-S 218/236 TL-D II 220-240V 50/60Hz | 28 | 2 piece/unit |

| Order Code | Full Product Name | Number Of Products On MCB (16A Type) | |
|--------------|--------------------------------------|--------------------------------------|-----------------|
| | | B) (Nom) | Number Of Lamps |
| 913713032566 | HF-S 258 TL-D II 220-240V 50/60Hz | 12 | 2 piece/unit |
| 913713032666 | HF-S 3/4 18 TL-D II 220-240V 50/60Hz | 28 | 3/4 piece/unit |
| 913713032766 | HF-S 336 TL-D II 220-240V 50/60Hz | 12 | 3 piece/unit |

Mechanical and Housing

| Order Code | Full Product Name | Housing |
|--------------|---------------------------------------|-------------|
| 913713032166 | HF-S 118/136 TL-D II 220-240V 50/60Hz | L 280x30x28 |
| 913713032266 | HF-S 158 TL-D II 220-240V 50/60Hz | L 280x30x28 |
| 913713032466 | HF-S 218/236 TL-D II 220-240V 50/60Hz | L 280x30x28 |

| Order Code | Full Product Name | Housing |
|--------------|--------------------------------------|-------------|
| 913713032566 | HF-S 258 TL-D II 220-240V 50/60Hz | L 280x30x28 |
| 913713032666 | HF-S 3/4 18 TL-D II 220-240V 50/60Hz | L 280x39x28 |
| 913713032766 | HF-S 336 TL-D II 220-240V 50/60Hz | L 280x39x28 |

System characteristics

| Order Code | Full Product Name | Lamp | | Rated |
|--------------|---------------------------------------|---------------|--------------------|--------------------|
| | | Power On PL-L | Lamp Power On TL-D | Ballast-Lamp Power |
| 913713032166 | HF-S 118/136 TL-D II 220-240V 50/60Hz | - | 35 W | 36 W |
| 913713032266 | HF-S 158 TL-D II 220-240V 50/60Hz | - | 49.5 W | 58 W |
| 913713032466 | HF-S 218/236 TL-D II 220-240V 50/60Hz | 61.2 W | 63.9/32.9 W | 36/18 W |

| Order Code | Full Product Name | Lamp | | Rated |
|--------------|--------------------------------------|---------------|--------------------|--------------------|
| | | Power On PL-L | Lamp Power On TL-D | Ballast-Lamp Power |
| 913713032566 | HF-S 258 TL-D II 220-240V 50/60Hz | - | 102 W | 58 W |
| 913713032666 | HF-S 3/4 18 TL-D II 220-240V 50/60Hz | - | 52.3/66.0 W | 18 W |
| 913713032766 | HF-S 336 TL-D II 220-240V 50/60Hz | - | 95 W | 36 W |

HF-Selectalume II for TL-D lamps

