



Most reliable standard, energy- efficient solution

HF-Selectalume II for TL5 lamps

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 Class II 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
- Multi-power technology for precise operation of multiple lamp types of various wattages

Features

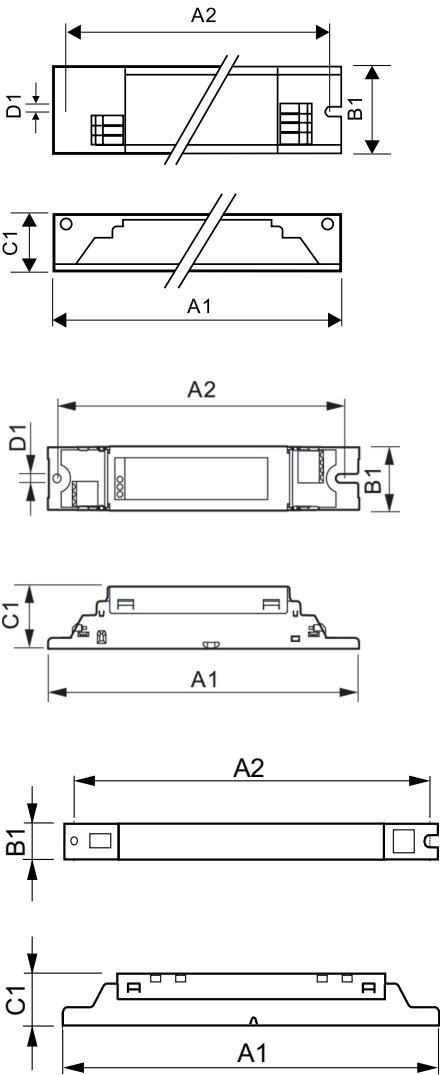
- Highest CELMA Energy Efficiency Index A2 BAT*
- Complies with CE, ENEC, EL, CCC marks of conformity
- Average nominal service lifetime over 85,000 hours (at Ta 50°C) with a failure rate $\leq 0.1\%$ per 1,000 hours)
- Optimized lamp preheating for min. 50,000 On/Off switch operations without replacement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

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Application

- Suitable for DC operation and emergency lighting installations; full compliance with requirements for emergency lighting according to EN 61347-2-3 -annex J
- Extended lamp life in frequent-switching applications, e.g. where occupancy sensors or motion detectors are used
- For luminaires of protection class I and protection class II used in office buildings, hospitals, supermarkets, department stores, industrial premises and schools

Dimensional drawing



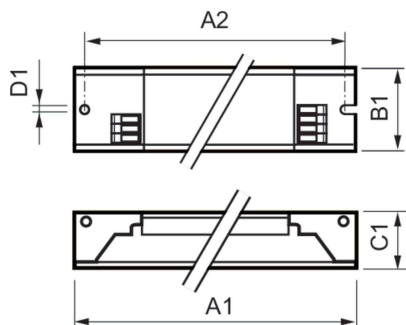
| Product | | | | | |
|------------------------------------|--|--|--|--|--|
| HF-S 149 TL5 II 220-240V 50/60Hz | | | | | |
| HF-S 235 TL5 II 220-240V 50/60Hz | | | | | |
| HF-S 3/414 TL5 II 220-240V 50/60Hz | | | | | |
| HF-S 3/424 TL5 II 220-240V 50/60Hz | | | | | |

| 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 |
| HF-S 2 24-39 TL5 II 220-240V 50/60Hz | 4.1 mm | 21.5 mm | 280.0 mm | 265.0 mm | 30.0 mm |
| HF-S 249 TL5 II 220-240V 50/60Hz | 4.1 mm | 21.5 mm | 280.0 mm | 265.0 mm | 30.0 mm |
| HF-S 254 TL5 II 220-240V 50/60Hz | 4.1 mm | 21.5 mm | 360.0 mm | 350.0 mm | 30.0 mm |

| Product | D1 | C1 | A1 | A2 | B1 |
|---------------------------------|--------|---------|----------|----------|---------|
| HF-S 114-35 TL5 HE II 220-240V | 4.2 mm | 22.0 mm | 360.0 mm | 350.0 mm | 30.0 mm |
| HF-S 2 14-35 TL5 HE II 220-240V | 4.2 mm | 22.0 mm | 360.0 mm | 350.0 mm | 30.0 mm |

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Dimensional drawing



Operating and Electrical

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

| Product | A1 | B1 | C1 | A2 | B2 | D1 |
|------------------------------------|--------|-------|---------|--------|--------|----|
| HF-S 149 TL5 II 220-240V 50/60Hz | 280 mm | 30 mm | 21 mm | 265 mm | 4.2 mm | |
| HF-S 235 TL5 II 220-240V 50/60Hz | 280 mm | 30 mm | 21.5 mm | 265 mm | 4.2 mm | |
| HF-S 3/414 TL5 II 220-240V 50/60Hz | 280 mm | 39 mm | 21.5 mm | 265 mm | 4.2 mm | |
| HF-S 3/424 TL5 II 220-240V 50/60Hz | 280 mm | 39 mm | 21.5 mm | 265 mm | 4.2 mm | |

Operating and Electrical

| Order Code | Full Product Name | Number of Products on MCB (16A Type B) (Nom) |
|--------------|------------------------------------|---|
| 913713033066 | HF-S 3/414 TL5 II 220-240V 50/60Hz | 28 |
| 913713033366 | HF-S 235 TL5 II 220-240V 50/60Hz | - |
| 913713033466 | HF-S 149 TL5 II 220-240V 50/60Hz | - |
| 913713033566 | HF-S 249 TL5 II 220-240V 50/60Hz | 12 |
| 913713033666 | HF-S 154 TL5 II 220-240V 50/60Hz | - |

| Order Code | Full Product Name | Number of Products on MCB (16A Type B) (Nom) |
|--------------|--------------------------------------|---|
| 913713033766 | HF-S 254 TL5 II 220-240V 50/60Hz | - |
| 913713034566 | HF-S 2 24-39 TL5 II 220-240V 50/60Hz | - |
| 913713034666 | HF-S 3/424 TL5 II 220-240V 50/60Hz | 15 |
| 913713042066 | HF-S 1 14-35 TL5 HE II 220-240V | 28 |
| 913713042166 | HF-S 2 14-35 TL5 HE II 220-240V | 28 |

Mechanical and Housing

| Order Code | Full Product Name | Housing |
|--------------|------------------------------------|---------------|
| 913713033066 | HF-S 3/414 TL5 II 220-240V 50/60Hz | L 280x39x21.5 |
| 913713033366 | HF-S 235 TL5 II 220-240V 50/60Hz | L 280x30x21.5 |
| 913713033466 | HF-S 149 TL5 II 220-240V 50/60Hz | L 280x30x21 |
| 913713033566 | HF-S 249 TL5 II 220-240V 50/60Hz | L 280x30x21 |
| 913713033666 | HF-S 154 TL5 II 220-240V 50/60Hz | L 280x30x21 |

| Order Code | Full Product Name | Housing |
|--------------|--------------------------------------|---------------|
| 913713033766 | HF-S 254 TL5 II 220-240V 50/60Hz | L 280x30x21 |
| 913713034566 | HF-S 2 24-39 TL5 II 220-240V 50/60Hz | L 280x30x21.5 |
| 913713034666 | HF-S 3/424 TL5 II 220-240V 50/60Hz | L 280x39x21.5 |
| 913713042066 | HF-S 1 14-35 TL5 HE II 220-240V | L360x30x22 |
| 913713042166 | HF-S 2 14-35 TL5 HE II 220-240V | L360x30x22 |

Approval and Application

| Order Code | Full Product Name | Energy Efficiency Index |
|--------------|------------------------------------|-------------------------|
| 913713033066 | HF-S 3/414 TL5 II 220-240V 50/60Hz | A2/A2 BAT |
| 913713033366 | HF-S 235 TL5 II 220-240V 50/60Hz | A2 |
| 913713033466 | HF-S 149 TL5 II 220-240V 50/60Hz | A2 BAT |
| 913713033566 | HF-S 249 TL5 II 220-240V 50/60Hz | A2 BAT |
| 913713033666 | HF-S 154 TL5 II 220-240V 50/60Hz | A2 BAT |

| Order Code | Full Product Name | Energy Efficiency Index |
|--------------|--------------------------------------|-------------------------|
| 913713033766 | HF-S 254 TL5 II 220-240V 50/60Hz | A2 BAT |
| 913713034566 | HF-S 2 24-39 TL5 II 220-240V 50/60Hz | A2 BAT |
| 913713034666 | HF-S 3/424 TL5 II 220-240V 50/60Hz | A2 BAT |
| 913713042066 | HF-S 1 14-35 TL5 HE II 220-240V | A2 BAT |
| 913713042166 | HF-S 2 14-35 TL5 HE II 220-240V | A2 BAT |

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