

# Affordable, robust solution

## HF-Selectalume II for TL-D lamps

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

### Benefits

- Automatic restart (after voltage dip or lamp exchange) ensures easy operation and hassle-free re-lamping.
- DC emergency operation in line with IEC/EN 60598-2-22 luminaire norms
- Suitable for luminaires in protection class I and, after testing, class II

### Features

- Complies with CE and Kema-Keur
- Average lifetime in excess of 50,000 hours at  $T_a = 50\text{ }^{\circ}\text{C}$
- Rapid warm lamp start with filament pre-heating  $< 1.6\text{ sec}$
- Active power factor correction to ensure constant light, irrespective of mains-voltage fluctuations
- The Wago 744 connector offers the flexibility for horizontal-manual or push-in robot wiring, including a simple wire-release facility

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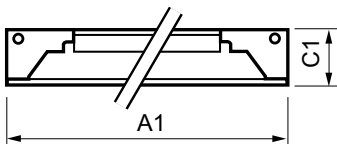
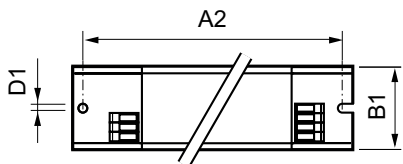
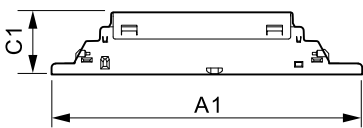
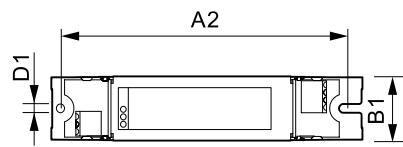
## Application

- Ideal for applications where it is necessary to reduce the wattage per square meter or operating costs
- Applications where control devices are installed with occasional On/Off switching (e.g. where movement or light sensor detectors switch the mains)
- Professional indoor applications with long operating hours such as office buildings, call centers, classrooms, hotels, department stores, retail stores, supermarkets, convenience stores and industrial premises (e.g. corridors and low-bay trunking systems) and city parking lots

## Versions



## Dimensional drawing



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

| Product                                  | A1     | B1    | C1      | A2     | B2     | D1 |
|--|--------|-------|---------|--------|--------|----|
| HF-S 118/136 TL-D II 220-240V<br>50/60Hz | 280 mm | 30 mm | 28 mm   | 265 mm | 4.2 mm |    |
| HF-S 218/236 TL-D II 220-240V<br>50/60Hz | 280 mm | 30 mm | 28 mm   | 265 mm | 4.2 mm |    |
| HF-S 158 TL-D II 220-240V<br>50/60Hz     | 280 mm | 30 mm | 28.5 mm | 265 mm | 4.2 mm |    |
| HF-S 3/4 18 TL-D II 220-240V<br>50/60Hz  | 280 mm | 39 mm | 28 mm   | 265 mm | 4.2 mm |    |
| HF-S 336 TL-D II 220-240V<br>50/60Hz     | 280 mm | 39 mm | 28.5 mm | 265 mm | 4.2 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/A2BAT                |
| 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               |

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