



# Unsurpassed energy-efficient and long-lasting solution

## HF-Performer III for TL-D lamps

HF-Performer III TL-D III ballasts offer maximum versatility and meet all of the necessary commercial grade specifications. They also offer the added benefits of lamp striation reduction technology, making these ballasts compatible with energy-saving lamps. As such, 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-Performer III TL-D III 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.

### 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 100,000 hours (at Ta 50 °C) with a failure rate  $\leq 0.1\%$  per 1,000 hours)
- Optimized lamp preheating for over 50,000 On/Off switch operations without replacement of lamps

# HF-Performer III 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



Lamp Driver, eFluo, HF-P 3/418  
TL-D III 220-240V 50/60Hz IDC



Lamp Driver, eFluo, HF-P 136 TL-D  
III 220-240V 50/60Hz IDC



Lamp Driver, eFluo, HF-P 158 TL-D  
III 220-240V 50/60Hz IDC

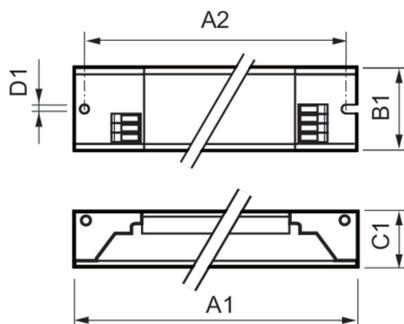


Lamp Driver, eFluo, HF-P 236 TL-  
D III 220-240V 50/60Hz IDC



Lamp Driver, eFluo, HF-P 258 TL-  
D III 220-240V 50/60Hz IDC

## Dimensional drawing



| Product                                     | D1     | C1      | A1       | A2       | B1      |
|---|--------|---------|----------|----------|---------|
| HF-P 118/136 TL-D III 220-240V<br>50/60 Hz  | 4.2 mm | 28.0 mm | 280.0 mm | 265.0 mm | 30.0 mm |
| HF-P 158 TL-D III 220-240V<br>50/60Hz IDC   | 4.2 mm | 28.0 mm | 280.0 mm | 265.0 mm | 30.0 mm |
| HF-P 218/236 TL-D III 220-240V<br>50/60 Hz  | 4.2 mm | 28.0 mm | 280.0 mm | 265.0 mm | 30.0 mm |
| HF-P 258 TL-D III 220-240V<br>50/60Hz IDC   | 4.2 mm | 28.0 mm | 280.0 mm | 265.0 mm | 30.0 mm |
| HF-P 3/418 TL-D III 220-240V<br>50/60Hz IDC | 4.2 mm | 28.0 mm | 280.0 mm | 265.0 mm | 40.0 mm |

# HF-Performer III for TL-D lamps

## Operating and Electrical

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

## Approval and Application

|                         |        |
|-------------------------|--------|
| Energy Efficiency Index | A2 BAT |
|-------------------------|--------|

## Operating and Electrical

| Order Code | Full Product Name                        | Number of Products on MCB<br>(16A Type B) (Nom) |
|------------|--|---|
| 91162600   | HF-P 3/418 TL-D III 220-240V 50/60Hz IDC | 28  |
| 91164000   | HF-P 118/136 TL-D III 220-240V 50/60 Hz  | 28  |
| 91170100   | HF-P 158 TL-D III 220-240V 50/50Hz IDC   | 28  |

| Order Code | Full Product Name                       | Number of Products on MCB<br>(16A Type B) (Nom) |
|------------|---|---|
| 91166400   | HF-P 218/236 TL-D III 220-240V 50/60 Hz | 28  |
| 91172500   | HF-P 258 TL-D III 220-240V 50/60Hz IDC  | 12  |

## Mechanical and Housing

| Order Code | Full Product Name                        | Housing     |
|------------|--|-------------|
| 91162600   | HF-P 3/418 TL-D III 220-240V 50/60Hz IDC | L 280x40x28 |
| 91164000   | HF-P 118/136 TL-D III 220-240V 50/60 Hz  | L 280x30x28 |
| 91170100   | HF-P 158 TL-D III 220-240V 50/50Hz IDC   | L 280x30x28 |

| Order Code | Full Product Name                       | Housing     |
|------------|---|-------------|
| 91166400   | HF-P 218/236 TL-D III 220-240V 50/60 Hz | L 280x30x28 |
| 91172500   | HF-P 258 TL-D III 220-240V 50/60Hz IDC  | L 280x30x28 |

