

# Affordable, robust solution

## HF-Selectalume II for TL5 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  $< 1.2\text{ sec}$
- 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.

# HF-Selectalume II for TL5 lamps

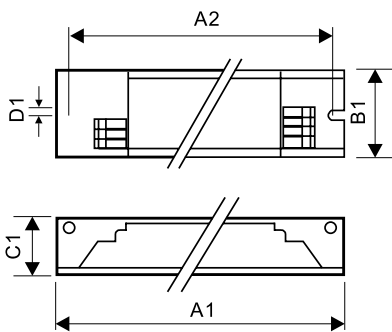
## Application

- Ideal for applications where there is a need to reduce the wattage per square meter or to reduce operating costs
- Applications in which 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



A2

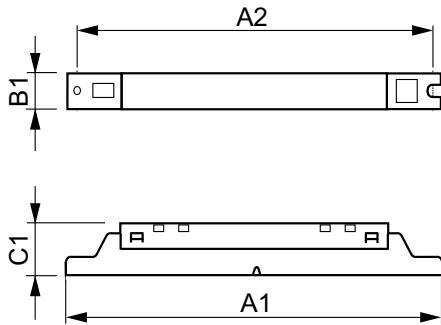
### Product

HF-S 3/414 TL5 II 220-240V 50/60Hz  
 HF-S 235 TL5 II 220-240V 50/60Hz  
 HF-S 149 TL5 II 220-240V 50/60Hz  
 HF-S 124-39 TL5 II 220-240V 50/60Hz  
 HF-S 3/424 TL5 II 220-240V 50/60Hz

Product	D1	C1	A1	A2	B1
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 154 TL5 II 220-240V 50/60Hz	4.1 mm	28.0 mm	280 mm	265 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
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-Selectalume II for TL5 lamps

## Dimensional drawing



Operating and Electrical	
Input Frequency	50 to 60 Hz
Input Voltage	220 to 240 V
General Information	
Lamp Type	TL5

Product	D1	C1	A1	A2	B1
HF-S 1 14-35 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

## Approval and Application

Order Code	Full Product Name	Energy Efficiency Index
913713033066	HF-S 3/414 TL5 II 220-240V 50/60Hz	A2/A2BAT
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
913713033766	HF-S 254 TL5 II 220-240V 50/60Hz	A2 BAT

Order Code	Full Product Name	Energy Efficiency Index
913713034466	HF-S 124-39 TL5 II 220-240V 50/60Hz	A2/A2BAT
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

## Emergency Operation

Order Code	Full Product Name	Emergency Ballast Lumen Factor (EBLF) (Nom)
913713033066	HF-S 3/414 TL5 II 220-240V 50/60Hz	100 %
913713033366	HF-S 235 TL5 II 220-240V 50/60Hz	0.7 %
913713033466	HF-S 149 TL5 II 220-240V 50/60Hz	100 %
913713033566	HF-S 249 TL5 II 220-240V 50/60Hz	100 %
913713033666	HF-S 154 TL5 II 220-240V 50/60Hz	100 %
913713033766	HF-S 254 TL5 II 220-240V 50/60Hz	100 %

Order Code	Full Product Name	Emergency Ballast Lumen Factor (EBLF) (Nom)
913713034466	HF-S 124-39 TL5 II 220-240V 50/60Hz	100 %
913713034566	HF-S 2 24-39 TL5 II 220-240V 50/60Hz	100 %
913713034666	HF-S 3/424 TL5 II 220-240V 50/60Hz	100 %
913713042066	HF-S 1 14-35 TL5 HE II 220-240V	100 %
913713042166	HF-S 2 14-35 TL5 HE II 220-240V	100 %

## General Information

Order Code	Full Product Name	Number Of Products On MCB (16A)	
		Type B) (Nom)	Number Of Lamps
913713033066	HF-S 3/414 TL5 II 220-240V 50/60Hz	28	3/4 piece/unit
913713033366	HF-S 235 TL5 II 220-240V 50/60Hz	-	2 piece/unit
913713033466	HF-S 149 TL5 II 220-240V 50/60Hz	-	1 piece/unit

Order Code	Full Product Name	Number Of Products On MCB (16A)	
		Type B) (Nom)	Number Of Lamps
913713033566	HF-S 249 TL5 II 220-240V 50/60Hz	12	2 piece/unit
913713033666	HF-S 154 TL5 II 220-240V 50/60Hz	-	1 piece/unit
913713033766	HF-S 254 TL5 II 220-240V 50/60Hz	-	2 piece/unit

## HF-Selectalume II for TL5 lamps

Order Code	Full Product Name	Number Of Products On MCB (16A)	
		Type B) (Nom)	Number Of Lamps
913713034466	HF-S 124-39 TL5 II 220-240V 50/60Hz	-	1 piece/unit
913713034566	HF-S 2 24-39 TL5 II 220-240V 50/60Hz	-	2 piece/unit

Order Code	Full Product Name	Number Of Products On MCB (16A)	
		Type B) (Nom)	Number Of Lamps
913713034666	HF-S 3/424 TL5 II 220-240V 50/60Hz	15	3/4 piece/unit
913713042066	HF-S 1 14-35 TL5 HE II 220-240V	28	1 piece/unit
913713042166	HF-S 2 14-35 TL5 HE II 220-240V	28	2 piece/unit

### 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
913713033766	HF-S 254 TL5 II 220-240V 50/60Hz	L 280x30x21

Order Code	Full Product Name	Housing
913713034466	HF-S 124-39 TL5 II 220-240V 50/60Hz	L 280x30x21.5
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

### System characteristics

Order Code	Full Product Name	Lamp Power On TL5	Lamp Power On	
			TL5 HE	Rated Ballast-Lamp Power
913713033066	HF-S 3/414 TL5 II 220-240V 50/60Hz	44.2/55.0 W	-	14 W
913713033366	HF-S 235 TL5 II 220-240V 50/60Hz	68.5 W	-	35 W
913713033466	HF-S 149 TL5 II 220-240V 50/60Hz	51 W	-	49 W
913713033566	HF-S 249 TL5 II 220-240V 50/60Hz	100.2 W	-	49 W
913713033666	HF-S 154 TL5 II 220-240V 50/60Hz	54 W	-	54 W
913713033766	HF-S 254 TL5 II 220-240V 50/60Hz	97.2 W	-	54 W

Order Code	Full Product Name	Lamp Power On TL5	Lamp Power On	
			TL5 HE	Rated Ballast-Lamp Power
913713034466	HF-S 124-39 TL5 II 220-240V 50/60Hz	23.5/38 W	-	24/39 W
913713034566	HF-S 2 24-39 TL5 II 220-240V 50/60Hz	50/76 W	-	24/39 W
913713034666	HF-S 3/424 TL5 II 220-240V 50/60Hz	68.5/85.0 W	-	24 W
913713042066	HF-S 1 14-35 TL5 HE II 220-240V	-	14.7/37.0 W	14-35 W
913713042166	HF-S 2 14-35 TL5 HE II 220-240V	-	28.5/71.0 W	14-35 W

