



# HF-Selectalume II for TL5 lamps

## HF-S 114-35 TL5 II 220-240V 50/60Hz

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.

### Product data

General Information	
Application Code	HE II
Type Version	-
Lamp Type	TL5
Number of Lamps	1 piece/unit
Number of Products on MCB (16A Type B) (Nom)	28
Automatic Restart	Yes
Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Operating Frequency (Nom)	45 kHz
Crestfactor (Nom)	1.7
Power Factor 100% Load (Nom)	0.99
Preheat Time	0.5 s
Mains Voltage Performance (AC)	202-254V-8%-+6%
Mains Voltage Safety (AC)	198-264V-10%-+10%

Earth Leakage Current (Max)	0.5 mA
Inrush Current Width	0.25 ms
Ballast Factor (Nom)	1
Power Losses (Nom)	2.0-3.5 W
Inrush Current Peak (Max)	24 A
Wiring	
Connector Type Input Terminals	WAGO 744 connector
Cable Capacity Output Wires Mutual (Max)	200 pF
Connector Type Output Terminals	WAGO 744 connector [ Suitable for manual wiring]
Cable Length Hot Wiring	0.75 m
Wire Striplength	8.0-9.0 mm
Dual Fixture Master/Slave	Possible, lamp wires 2m max. length [ Master/Slave operation possible]
Input Terminal Cross Section	0.50-1.00 mm <sup>2</sup>
Output Terminal Cross Section	0.50-1.00 mm <sup>2</sup>

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Cable Capacity Cold Output Wires - Earth (Max)	200 pF
Cable Capacity Hot Output Wires - Earth (Max)	200 pF

### System characteristics

Rated Ballast-Lamp Power	14-35 W
Rated Lamp Power on TL5 HE	14/35 W
System Power on TL5 HE	16.7/40.5 W
Lamp Power on TL5 HE	14.7/37.0 W
Power Loss on TL5 HE	2.0/3.5 W

### Temperature

T-Ambient (Max)	55 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	50 °C
T-Storage (Min)	-40 °C
T-Case Lifetime (Nom)	75 °C
T-Case Maximum (Max)	75 °C

### Mechanical and Housing

Housing	L360x30x22
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### Emergency Operation

Nominal Light Output After 60 Seconds	100% of EBLF
Normal Operating Voltage (DC)	220-240 V
Battery Voltage Guaranteed Operation	176-275 V

Battery Voltage Guaranteed Ignition	186-275 V
Emergency Ballast Lumen Factor (EBLF) (Nom)	100 %
Nominal Light Output After 5 Seconds	50% of EBLF

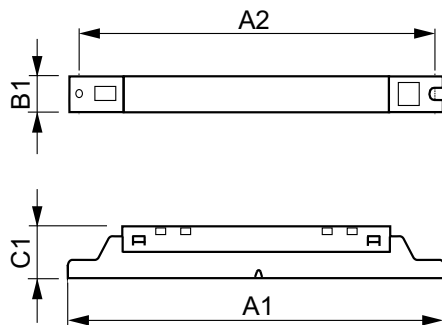
### Approval and Application

Energy Efficiency Index	A2 BAT
IP Classification	IP 20 [ Ingress Protection 20]
EMI 9 kHz ... 30 MHz	EN55015
Vibration Standard	IEC68-2-6 F c
Bumps Standard	IEC 68-2-29 Eb
Approval Marks	CE marking ENEC certificate CCC certificate C-Tick certificate TISI marking SIRIM approval CCC certificate
Hum And Noise Level	30 dB(A)

### Product Data

Full product code	871829175842600
Order product name	HF-S 114-35 TL5 HE II 220-240V
EAN/UPC - Product	8718291758426
Order code	75842600
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913713042066
Net Weight (Piece)	0.260 kg

## Dimensional drawing



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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

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