



# HF-Selectalume II for TL5 lamps

HF-S 124-39 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	II
Type Version	mk1
Lamp Type	TL5
Number Of Lamps	1 piece/unit
Automatic Restart	Yes

### • Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50-60_1 Hz
Operating Frequency (Nom)	45 kHz
Crestfactor (Nom)	1.7
Power Factor 100%	0.98
Load (Nom)	
Preheat Time	1.6 s
Mains Voltage	202-254V-8%+6%
Performance (AC)	
Mains Voltage Safety (AC)	198-264V-10%-+10%
Earth Leakage Current (Max)	0.5 mA
Inrush Current	0.28 ms
Width	
Ballast Factor (Nom)	1.05
Power Losses (Nom)	3.5/4 W
Inrush Current Peak (Max)	20 A

### • Wiring

Connector Type	WAGO 744 connector
Input Terminals	
Cable Capacity	200 pF
Output Wires Mutual (Max)	

Connector Type	WAGO 744 connector [ Suitable for manual wiring]
Output Terminals	
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	0.50-1.50 mm <sup>2</sup>
Output Terminal Cross Section	0.50-1.50 mm <sup>2</sup>
Cable Capacity Cold	200 pF
Output Wires - Earth (Max)	
Cable Capacity Hot	200 pF
Output Wires - Earth (Max)	

### • System characteristics

Rated Ballast-Lamp Power	24/39 W
Rated Lamp Power On TL5	24/39 W
System Power On TL5	27/42 W
Lamp Power On TL5	23.5/38 W
Power Loss On TL5	3.5/4 W

### • Temperature

T-Ambient (Max)	50 °C
T-Ambient (Min)	-15 °C
T-Storage (Max)	80 °C
T-Storage (Min)	-40 °C
T-Case Lifetime (Nom)	75 °C

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T-Case Maximum (Max) 75 °C

### • Mechanical and Housing

Housing L 280x30x21.5

### • Emergency Operation

Nominal Light Output After 60 Seconds 100% of EBLF  
Normal Operating Voltage (DC) 220-240 V  
Battery Voltage 176-275 V  
Guaranteed Operation 186-275 V  
Emergency Ballast Lumen Factor (EBLF) (Nom) 0.7 %  
Nominal Light Output After 5 Seconds 50% of EBLF

### • Approval and Application

Energy Efficiency Index A2

EMI 9 kHz ... 30 MHz  
Vibration Standard  
Bumps Standard  
Approval Marks

EN55015  
IEC 68-2-6 Fc  
IEC 68-2-29 Eb (10G/16ms)  
F-Marking  
CE marking  
ENEC certificate  
CCC certificate  
C-Tick certificate  
PSB certification  
TISI marking  
SIRIM approval  
CB Certificate  
CCC certificate  
VDE-EMV certificate  
< 30 dB(A)

Hum And Noise Level

### • Product Data

Full product code 872790093933000  
Order product name HF-S 124-39 TL5 II 220-240V 50/60Hz  
EAN/UPC - Product 8727900939330  
Order code 913713034466  
Numerator - Quantity Per Pack 1  
Numerator - Packs per outer box 12  
Material Nr. (12NC) 913713034466  
Net Weight (Piece) 0.190 kg

## Photometric data

Ballast type	Lamp type	Lamp power	T <sub>a</sub> = 40 °C	T <sub>a</sub> = 50 °C	T <sub>a</sub> = 60 °C
HF-S 124-39 TL5 II 220-240V 50/60Hz	TL5 HO	24W	T <sub>c</sub> = 54 °C	T <sub>c</sub> = 64 °C	T <sub>c</sub> = 74 °C
	TL5 HO	39W	Lifetime 100,000 Hrs	90,000 Hrs	50,000 Hrs



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data subject to change