

HF-Selectalume II for TL5 lamps

HF-S 180 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	Not specified
Lamp Type	TL5/PL-L
Number Of Lamps	1 piece/unit
Number Of Products On MCB (16A Type B) (Nom)	20
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	0.30 ms
Ballast Factor (Nom)	1
Power Losses (Nom)	4.5-4.0 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 mm²
Output Terminal Cross Section	0.50-1.00 mm²
Cable Capacity Cold Output Wires - Earth (Max)	200 pF
Cable Capacity Hot Output Wires - Earth (Max)	200 pF

• System characteristics

Rated Ballast-Lamp Power	80 W
Rated Lamp Power On TL5	80 W
System Power On TL5	74.5/78.0 W
Lamp Power On TL5	70/74 W
Power Loss On TL5	4.5/4.0 W

• Temperature

T-Ambient (Max)	60 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	50 °C

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T-Storage (Min)	-40 °C
T-Case Lifetime (Nom)	75 °C
T-Case Maximum (Max)	75 °C

• Mechanical and Housing

Housing	L360x30x22

• 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)	0.7 %
Nominal Light Output After 5 Seconds	50% of EBLF

• Approval and Application

Energy Efficiency Index	A2 BAT
EMI 9 kHz ... 30 MHz	EN55015
Vibration Standard	IEC 68-2-6 Fc
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	871829175846400
Order product name	HF-S 180 TL5/PL-L II 220-240V 50/60Hz
EAN/UPC - Product	8718291758464
Order code	75846400
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913713042266
Net Weight (Piece)	0.250 kg

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2015, December 23
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