



# HF-Selectalume II for TL5 lamps

## HF-S 154 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 to 60 Hz
Operating Frequency (Nom)	40-60 kHz
Crestfactor (Nom)	1.7
Power Factor 100% Load (Nom)	0.98
Preheat Time	1.6 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)	1.02
Power Losses (Nom)	4.7 W
Inrush Current Peak (Max)	20 A
Efficiency at full load [%]	92.51 %
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	0.50-1.50 mm <sup>2</sup>
Output Terminal Cross Section	0.50-1.50 mm <sup>2</sup>
Cable Capacity Cold Output Wires - Earth (Max)	200 pF

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Cable Capacity Hot Output Wires - Earth (Max)	200 pF
<b>System characteristics</b>	
Rated Ballast-Lamp Power	54 W
Rated Lamp Power on TL5	54 W
System Power on TL5	58.7 W
Lamp Power on TL5	54 W
Power Loss on TL5	4.7 W
<b>Temperature</b>	
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
T-Case Lifetime (Nom)-DUP(do not use)	75 °C
T-Case Maximum (Max)	75 °C
<b>Mechanical and housing</b>	
Housing	L 280x30x21
<b>Emergency operation</b>	
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
<b>Approval and application</b>	
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 (10G/16ms)
Approval Marks	F-Marking CE marking ENEC certificate CCC certificate C-Tick certificate PSB certification TISI marking SIRIM approval CB Certificate CCC certificate VDE-EMV certificate
Hum And Noise Level	< 30 dB(A)

<b>Product data</b>	
Full product code	872790090561800
Order product name	HF-S 154 TL5 II 220-240V 50/60Hz
EAN/UPC - Product	8711500999375
Order code	90561800
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913713033666
Net Weight (Piece)	0.185 kg

### Dimensional drawing

A2

Product	D1	C1	A1	A2	B1
HF-S 154 TL5 II 220-240V 50/60Hz	4.1 mm	28.0 mm	280 mm	265 mm	30.0 mm

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