

HF-Selectalume II for TL5 lamps

HF-S 3/414 TL5 II 220-240V 50/60Hz

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

• General Information

Type version	mk1
Lamp type	TL5
Number of lamps	3/4 piece/unit
Number of products on MCB (16 A type B) (nom.)	28
Automatic restart	Yes

• Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50-60 Hz
Operating frequency (nom.)	45 kHz
Crest factor (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	0.35 ms
Ballast factor (nom.)	1.13
Power losses (nom.)	6.1/10.8 W
Inrush current peak (max.)	18 A

• Wiring

Connector type input terminals	WAGO 744 connector
Cable capacity output wires mutual (max.)	120 pF
Connector type output terminals	WAGO 744 connector [Suitable for manual wiring]
Cable length hot-wiring	0.75 m
Wire strip length	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 mm²
Output terminal cross section	0.50-1.50 mm²
Cable capacity cold output wires – earth (max.)	120 pF
Cable capacity hot output wires – earth (max.)	120 pF

• System characteristics

Rated lamp power on TL5	14 W
System power on TL5	51.0/61.4 W
Lamp power on TL5	44.2/55.0 W
Power loss on TL5	6.8/6.4 W

• Temperature

T ambient (max.)	55 °C
T ambient (min.)	-20 °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 280x39x21.5

- 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/A2BAT
EMI 9 kHz... 30 MHz	EN55015
Vibration standard	IEC 68-2-6 Fc
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
Humming and noise level	< 30 dB(A)

- Product Data

Full product code	872790088335000
Order product name	HF-S 3/414 TL5 II 220-240V 50/60Hz
EAN/UPC – product	8711500998705
Order code	913713033066
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	913713033066
Net weight (piece)	0.228 kg

Photometric data

Ballast type	Lamp type	Lamp power		Ta = 40°C	Ta = 50°C	Ta = 60°C
			Tc	=54°C	=64°C	=74°C
HF-S 3/414 TL5 II 220-240V 50/60Hz	TL5 HE	3X14W	Lifetime	100,000 Hrs	80,000 Hrs	50,000 Hrs

Ballast type	Lamp type	Lamp power		Ta = 40°C	Ta = 50°C	Ta = 60°C
			Tc	=61°C	=71°C	X
HF-S 3/414 TL5 II 220-240V 50/60Hz	TL5 HE	4X14W	Lifetime	90,000 Hrs	50,000 Hrs	X

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