



# 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

## Product data

### • General Characteristics

Application code	II
Rated Lamptype	TL5
Rated Number of Lamps	3/4 piece
Rated Ballast-Lamp Power	14
Line Voltage	220-240 V
Line Frequency	50/60 Hz
Housing	L 280x39x21.5
Energy Efficiency Index	A2/A2BAT
Lifetime 90% surv.@Tcaselife	50000 hr

### • Operating Characteristics

Automatic restart	Yes
Preheat time	1.6 s
Operating frequency *	45 kHz
Mains voltage safety (AC)	198-264V -10%/+10%
Mains voltage performance (AC)	202-254V -8%/+6%
Inrush current Peak	18 (max) A
Inrush current Width	0.35 ms
Earth leakage current	0.5 (max) mA
Power losses gear	6.1/10.8 W
Ballast Lumen Factor	1.13 -
PowerFactor 100% output power	0.98 -
Overvoltage protection 320Vac	48 hr
Overvoltage protection 350Vac	2 hr

Max ballast on MCB(16A type B)	28 x
Crestfactor	1.7 -
Hum and Noise level	< 30 dB(A)

### • Wiring Characteristics

Cable-Cap output-wires mutual	120 (max) pF
Conn.type input terminals	WAGO 744 connector
Conn.type output terminals	WAGO 744 connector [Suitable for manual wiring]
Max. cable length	0.75 m
Hot Wires	
Striplength	8.0-9.0 mm
Dual fixture Master/Slave	Possible, lamp wires 2m max. length [Master/Slave operation possible]
Wcs Input terminals	0.50-1.50 mm <sup>2</sup>
Wcs Output terminals	0.50-1.50 mm <sup>2</sup>
Cable-Cap hot output-wires-earth	120 (max) pF
Cable-Cap cold output-wires-earth	120 (max) pF

### • System Chars on driver level

Rated Lamp Power on TL5	14
System Power on TL5	51.0/61.4
Lamp Power on TL5	44.2/55.0
Power Loss on TL5	6.8/6.4

**PHILIPS**

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## • Temperature Characteristics

F-marking	Yes
T-case life	75 C
T-case maximum	75 (max) C
T-ambient	-20 (min), 55 (max) C
T-storage	-40 (min), 80 (max) C

## • Emergency Characteristics

Bal Lm Fac Emer- gency operation	0.7 -
Light output after 5 sec	50% of EBLF
Light output after 60 sec	100% of EBLF
Normal operating voltage (DC)	220-240 V
Batt volt guaranteed ignition	186-275 V
Batt volt guaranteed operation	176-275 V

## • Product Dimensions

Length A1	280 mm
Fixing Hole Distance	265 mm
Length A2	
Width B1	39 mm
Height C1	21.5 mm
Fixing Hole Diameter	4.2 mm
D1	

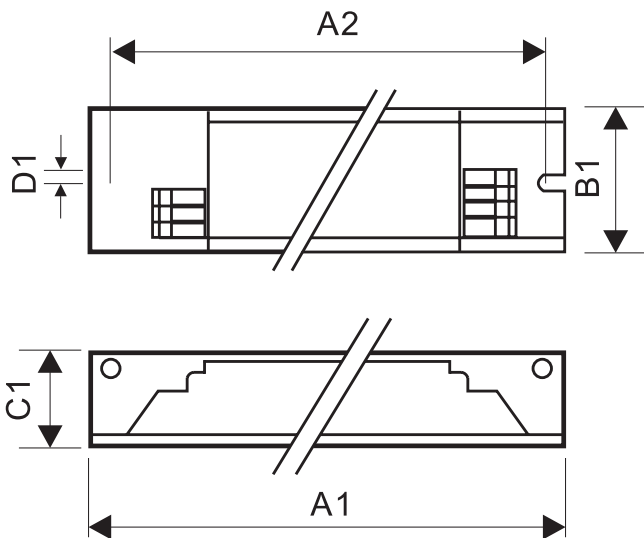
## • Approval & Application Chars

EMI 9kHz .. 30 MHz	EN 55015
Vibrations	IEC 68-2-6 Fc
Bumps	IEC 68-2-29 Eb (10G/16ms)
Approval marks	CE / CCC / ENEC / VDE-EMV
CE marking	Yes
ENEC certificate	Yes
C-Tick certificate	Yes
CCC certificate	Yes
PSB certification	Yes
TISI marking	Yes
SIRIM approval	Yes
CB Certificate	Yes

## • Product Data

Order code	883350 00
Full product code	872790088335000
Full product name	HF-S 3/414 TL5 II 220-240V 50/60Hz
Order product name	HF-S 3/414 TL5 II 220-240V 50/60Hz
Pieces per pack	1
Packing configuration	10
Packs per outerbox	10
Bar code on pack - EAN1	8711500998705
Bar code on outerbox - EAN3	8727900883350
Logistic code(s) - 12NC	913713033066
Net weight per piece	0.228 kg

## Dimensional drawing



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

Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-S 3/414 TL5 II 220-240V 50/60Hz	280	265	39	21.5	4.2