



HF-Selectalume II for TL5 lamps

HF-S 2 14-35 TL5 HE 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.

Product data

• General Characteristics

Application code	HE II
Rated Lamptype	TL5
Rated Number of Lamps	2 piece
Rated Ballast-Lamp Power	14-35
Line Voltage	220-240 V
Line Frequency	50/60 Hz
Housing	L 360x30x22
Energy Efficiency Index	A2 BAT
Lifetime 90% surv.@Tcaselife	100000 hr

• Operating Characteristics

Automatic restart	Yes
Preheat time	0.5 s
Operating frequency *	45 kHz
Mains voltage safety (AC)	198-264V -10%/+10%
Mains voltage performance (AC)	202-254V -8%/+6%
Inrush current Peak	24 (max) A
Inrush current Width	0.25 ms
Earth leakage current	0.5 (max) mA
Power losses gear	2.0-5.5 W
Ballast Lumen Factor	1 -
PowerFactor 100% output power	0.99 -
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	200 (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	0.50-1.00 mm ²
Wcs Output terminals	0.50-1.00 mm ²
Cable-Cap hot out-wires-earth	200 (max) pF
Cable-Cap cold out-wires-earth	200 (max) pF

• System Chars on driver level

Rated Lamp Power on TL5 HE	14/35
System Power on TL5 HE	30.5/76.5
Lamp Power on TL5 HE	28.5/71.0
Power Loss on TL5 HE	2.0/5.5

PHILIPS

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• Temperature Characteristics

F-marking	No
T-case life	75 C
T-case maximum	75 (max) C
T-ambient	-20 (min), 55 (max) C
T-storage	-40 (min), 50 (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	360.0 mm
Fixing Hole Distance	350.0 mm
Length A2	
Width B1	30.0 mm
Height C1	22.0 mm
Fixing Hole Diameter D1	4.2 mm

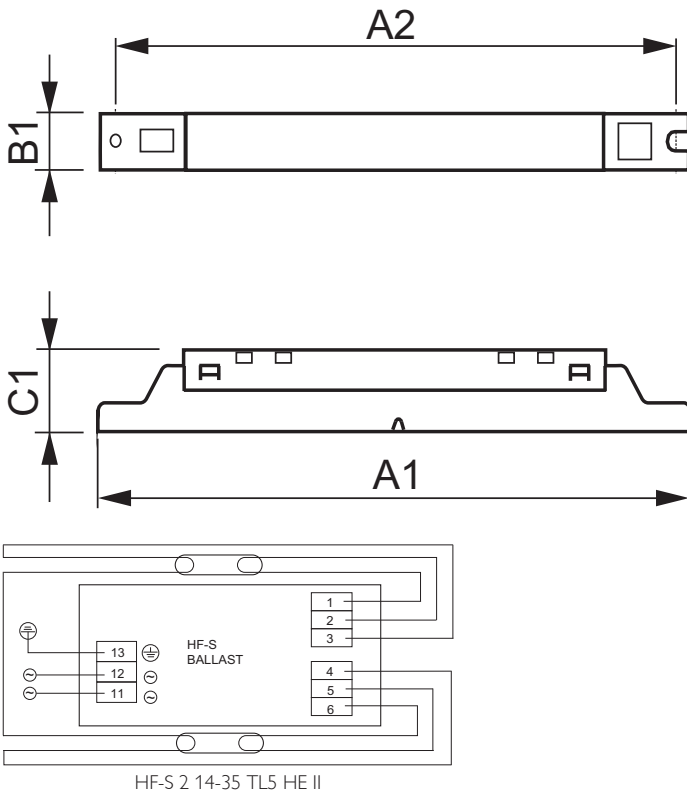
• Approval & Application Chars

EMI 9kHz .. 30 MHz	EN 55015
Vibrations	IEC 68-2-6 Fc
Bumps	IEC 68-2-29 Eb
Approval marks	CE / CCC / ENEC
CE marking	Yes
ENEC certificate	Yes
C-Tick certificate	Yes
CCC certificate	Yes
PSB certification	No
TISI marking	Yes
SIRIM approval	Yes
CB Certificate	No

• Product Data

Order code	913713042166
Full product code	913713042166
Full product name	HF-S 2 14-35 TL5 HE II 220-240V 50/60Hz
Order product name	HF-S 2 14-35 TL5 HE II 220-240V 50/60Hz
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8718291758440
Bar code on outerbox - EAN3	8718291758457
Logistic code(s) - 12NC	913713042166
Net weight per piece	0.245 kg

Dimensional drawing



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Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-S 2 14-35 TL5 HE II 220-240V 50/60Hz	360.0	350.0	30.0	22.0	4.2