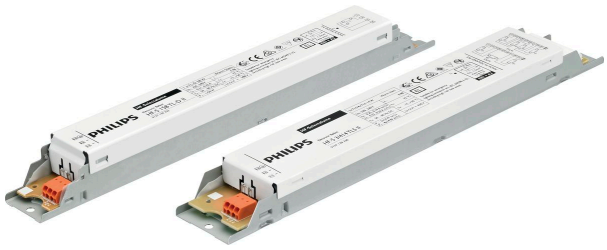

HF-Selectalume II for TL5 lamps

HF-S 114-21 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 Characteristics

Application code	II
Rated Lamptype	TL5
Rated Number of Lamps	1 piece
Rated Ballast-Lamp Power	14-21
Line Voltage	220-240 V
Line Frequency	50/60 Hz
Housing	L 280x30x21
Energy Efficiency Index	A2
Lifetime 90% surv.@Tcaselife	50000 hr

• Operating Characteristics

Automatic restart	Yes
Preheat time	1.3 s
Operating frequency *	40-60 kHz
Mains voltage safety (AC)	198-264V -10%/+10%
Mains voltage performance (AC)	202-254V -8%/+6%
Inrush current Peak	20 (max) A
Inrush current Width	0.25 ms
Earth leakage current	0.5 (max) mA
Power losses gear	2.6 W
Ballast Lumen Factor	1.09 -
PowerFactor 100% output power	0.96 -
Overvoltage protection 320Vac	48 hr
Overvoltage protection 350Vac	2 hr
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 Hot Wires	0.75 m
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 mm2
Wcs Output terminals	0.50-1.50 mm2
Cable-Cap hot out-wires-earth	120 (max) pF
Cable-Cap cold out-wires-earth	200 (max) pF

• System Chars on driver level

Rated Lamp Power on TL5	14/21
System Power on TL5	16.8/22.4
Lamp Power on TL5	14.3/19.8
Power Loss on TL5	2.5/2.6

• Temperature Characteristics

F-marking	Yes
T-case life	75 C
T-case maximum	75 (max) C

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HF-Selectalume II for TL5 lamps

T-ambient	-15 (min), 50 (max) C
T-storage	-40 (min), 80 (max) C

• Emergency Characteristics

Bal Lm Fac Emergency 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 Length A2	265 mm
Width B1	30 mm
Height C1	21 mm
Fixing Hole Diameter D1	4.2 mm

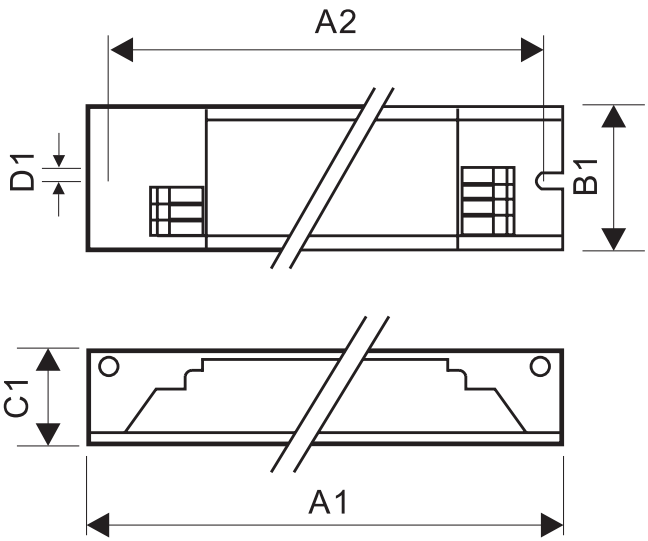
• Approval & Application Chars

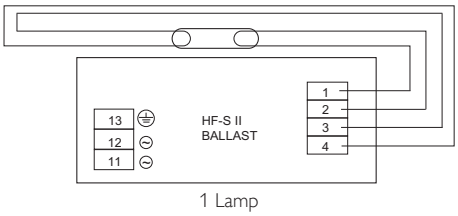
EMI 9kHz .. 30 MHz	EN 55015
Vibrations	IEC 68-2-6 Fc
Bumps	IEC 68-2-29 Eb
Approval marks	CE / CCC / ENEC / VDE-EMV
CE marking	Yes
ENEC certificate	Yes
C-Tick certificate	Yes
CCC certificate	Yes
PSB certification	Yes
TISI marking	Yes
SIRIM approval	Yes
CB Certificate	Yes

• Product Data

Order code	913713032866
Full product code	913713032866
Full product name	HF-S 114-21 TL5 II 220-240V 50/60Hz
Order product name	HF-S 114-21 TL5 II 220-240V 50/60Hz
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500999337
Bar code on outerbox - EAN3	8727900905564
Logistic code(s) - 12NC	913713032866
Net weight per piece	0.175 kg

Dimensional drawing





1 Lamp

HF-S 114-21 TL5 II 220-240V 50/60Hz

Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-S 114-21 TL5 II 220-240V 50/60Hz	280	265	30	21	4.2

Photometric data

Ballast type

HF-S 114-21 TL5 II 220-240V 50/60Hz

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2015, August 29
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