



HF-Selectalume II for TL5 lamps

HF-S 254 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	2 piece
Rated Ballast-Lamp Power	54
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	1.6 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	28 (max) A
Inrush current Width	0.38 ms
Earth leakage current	0.5 (max) mA
Power losses gear	13.7 W
Ballast Lumen Factor	0.99 -
PowerFactor 100% output power	0.99 -
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	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 ²
Wcs Output terminals	0.50-1.50 mm ²
Cable-Cap hot output-wires-earth	200 (max) pF
Cable-Cap cold output-wires-earth	200 (max) pF

• System Chars on driver level

Rated Lamp Power on TL5	54
System Power on TL5	110.9
Lamp Power on TL5	97.2
Power Loss on TL5	13.7

• Temperature Characteristics

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

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

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

• 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	21.5 mm
Fixing Hole Diameter	4.1 mm
D1	

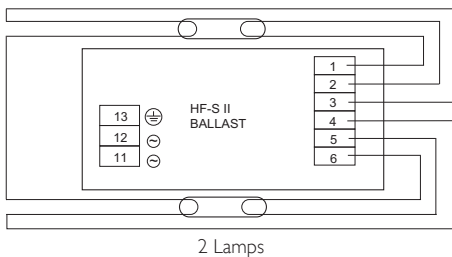
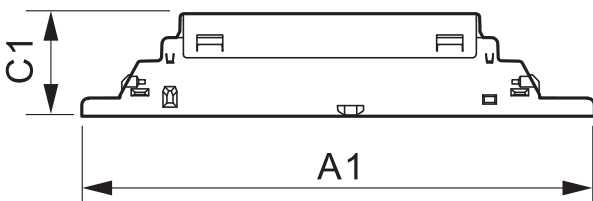
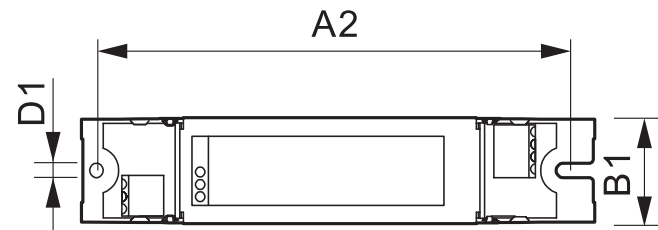
• Approval & Application Chars

EMI 9kHz .. 30 MHz	EN 55015
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• Product Data

Order code	913713033766
Full product code	913713033766
Full product name	HF-S 254 TL5 II 220-240V 50/60Hz
Order product name	HF-S 254 TL5 II 220-240V 50/60Hz
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500999382
Bar code on outerbox - EAN3	8727900905625
Logistic code(s) - 12NC	913713033766
Net weight per piece	0.221 kg

Dimensional drawing



HF-S 254 TL5 II 220-240V 50/60Hz

Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-S 254 TL5 II 220-240V 50/60Hz	360.0	350.0	30.0	21.5	4.1

Ballast type

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data subject to change