



HF-Selectalume II for TL5 lamps

HF-S 154 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	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	20 (max) A
Inrush current Width	0.25 ms
Earth leakage current	0.5 (max) mA
Power losses gear	4.7 W
Ballast Lumen Factor	1.02 -
PowerFactor 100% output power	0.98 -
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	58.7
Lamp Power on TL5	54
Power Loss on TL5	4.7

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

• Product Dimensions

Length A1 280 mm
 Fixing Hole Distance 265 mm
 Length A2
 Width B1 30.0 mm
 Height C1 28.0 mm
 Fixing Hole Diameter 4.1 mm
 D1

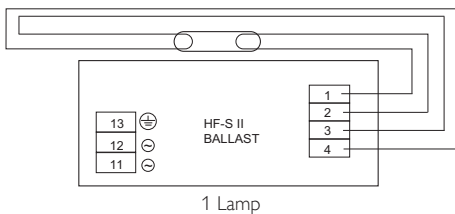
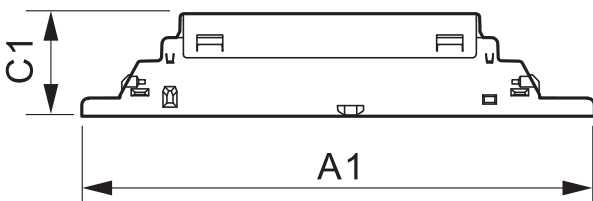
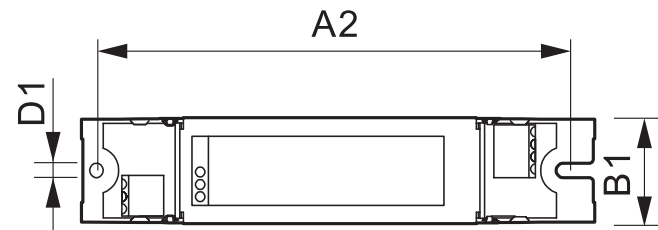
• Approval & Application Chars

EMI 9kHz .. 30 MHz EN 55015

• Product Data

Order code 913713033666
 Full product code 913713033666
 Full product name HF-S 154 TL5 II 220-240V 50/60Hz
 Order product name HF-S 154 TL5 II 220-240V 50/60Hz
 Pieces per pack 1
 Packing configuration 12
 Packs per outerbox 12
 Bar code on pack - 8711500999375
 EAN1
 Bar code on 8727900905618
 outerbox - EAN3
 Logistic code(s) - 913713033666
 12NC
 Net weight per piece 0.185 kg

Dimensional drawing



HF-S 154 TL5 II 220-240V 50/60Hz

Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-S 154 TL5 II 220-240V 50/60Hz	280	265	30.0	28.0	4.1

Ballast type

HF-S I54 TL5 II 220-240V 50/60Hz



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data subject to change