



# HF-Selectalume II for TL-D lamps

HF-S 336 TL-D 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	II
Rated Lamptype	TL-D
Rated Number of Lamps	3 piece
Rated Ballast-Lamp Power	36
Line Voltage	220-240 V
Line Frequency	50/60 Hz
Housing	L 280x39x28
Energy Efficiency Index	A2
Lifetime 90% surv.@Tcaselife	50000 hr

### • Operating Characteristics

Automatic restart	Yes
Preheat time	1.2 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	0.35 ms
Earth leakage current	0.5 (max) mA
Power losses gear	8.6 W
Ballast Lumen Factor	0.98 -
PowerFactor 100% output power	0.98 -
Overvoltage protection 320Vac	48 hr
Overvoltage protection 350Vac	2 hr

Max ballast on MCB(16A type B)	12 x
Crestfactor	1.7 -
Hum and Noise level	< 30 dB(A)

### • Wiring Characteristics

Cable-Cap output-wires mutual	50 (max) pF
Conn.type input terminals	WAGO 744 connector
Conn.type output terminals	WAGO 744 connector [Suitable for manual wiring]
Max. cable length	0.5 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 out-wires-earth	50 (max) pF
Cable-Cap cold out-wires-earth	200 (max) pF

### • System Chars on driver level

Rated Lamp Power on TL-D	36
System Power on TL-D	102
Lamp Power on TL-D	95
Power Loss on TL-D	7

**PHILIPS**

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## • Temperature Characteristics

F-marking	Yes
T-case life	75 C
T-case maximum	75 (max) C
T-ambient	-15 (min), 50 (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	28.5 mm
Fixing Hole Diameter	4.2 mm
D1	

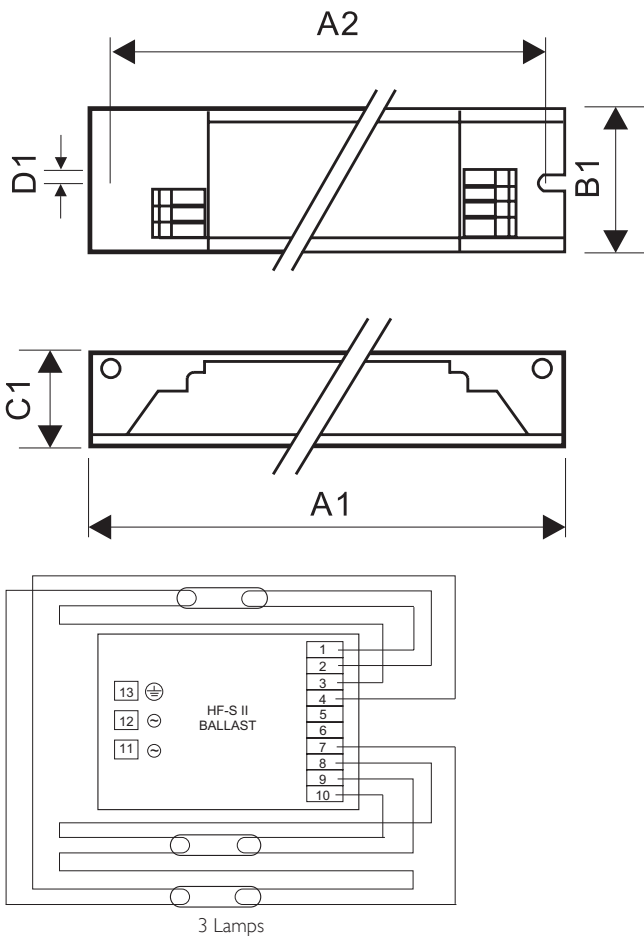
## • Approval & Application Chars

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	913713032766
Full product code	913713032766
Full product name	HF-S 336 TL-D II 220-240V 50/60Hz
Order product name	HF-S 336 TL-D II 220-240V 50/60Hz
Pieces per pack	1
Packing configuration	10
Packs per outerbox	10
Bar code on pack - EAN1	8711500999092
Bar code on outerbox - EAN3	8727900897470
Logistic code(s) - 12NC	913713032766
Net weight per piece	0.255 kg

## Dimensional drawing



## HF-S 336 TL-D II 220-240V 50/60Hz

Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-S 336 TL-D II 220-240V 50/60Hz	280	265	39	28.5	4.2