



# HF-Selectalume II for TL-D lamps

## HF-S 118/136 TL-D II 220-240V 50/60Hz

HF-Selectalume II TL-D 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 TL-D 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 Information		Earth leakage current (max.)	
Application code	II		0.5 mA
Type version	mk1	Inrush current width	0.35 ms
Lamp type	TL-D	Ballast factor (nom.)	1.05
Number of lamps	1 piece/unit	Power losses (nom.)	3.8 W
Number of products on MCB (16 A type B) (nom.)	28	Inrush current peak (max.)	18 A
Automatic restart	Yes	<b>Wiring</b>	
<b>Operating and Electrical</b>		Connector type input terminals	WAGO 744 connector
Input voltage	220 to 240 V	Cable capacity output wires mutual (max.)	200 pF
Input frequency	50 to 60 Hz	Connector type output terminals	WAGO 744 connector [ Suitable for manual wiring]
Operating frequency (nom.)	45 kHz	Cable length hot-wiring	0.75 m
Crest factor (nom.)	1.7	Wire strip length	8.0-9.0 mm
Power factor 100% load (nom.)	0.98	Dual fixture master/slave	Possible, lamp wires 2m max. length [ Master/Slave operation possible]
Preheat time	1.6 s	Input terminal cross section	0.50-1.50 mm <sup>2</sup>
Mains voltage performance (AC)	202-254V-8%-+6%	Output terminal cross section	0.50-1.50 mm <sup>2</sup>
Mains voltage safety (AC)	198-264V-10%-+10%		

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Cable capacity cold output wires – earth (max.)	200 pF
Cable capacity hot output wires – earth (max.)	200 pF

### System characteristics

Rated ballast-lamp power	36 W
Rated lamp power on TL-D	36 W
System power on TL-D	38.8 W
Lamp power on TL-D	35 W
Power loss on TL-D	3.8 W

### Temperature

T ambient (max.)	55 °C
T ambient (min.)	-20 °C
T storage (max.)	80 °C
T storage (min.)	-40 °C
T case lifetime (nom.)	75 °C
T-Case maximum (max.)	75 °C

### Mechanical and Housing

Housing	L 280x30x28
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### Emergency Operation

Nominal light output after 60 seconds	100% of EBLF
Normal operating voltage (DC)	220-240 V
Battery voltage guaranteed operation	176-275 V
Battery voltage guaranteed ignition	186-275 V

Emergency ballast lumen factor (EBLF) (nom.)	100 %
Nominal light output after 5 seconds	50% of EBLF

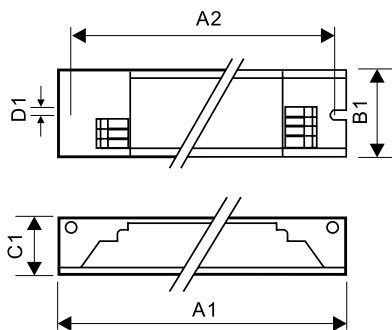
### Approval and Application

Energy efficiency index	A2 BAT
IP classification	IP 20 [ Ingress Protection 20]
EMI 9 kHz... 30 MHz	EN55015
Vibration standard	IEC68-2-6 F c
Bumps standard	IEC 68-2-29 Eb (10G/16ms)
Approval marks	F-Marking CE marking ENEC certificate CCC certificate C-Tick certificate PSB certification TISI marking SIRIM approval CB Certificate CCC certificate VDE-EMV certificate
Humming and noise level	< 30 dB(A)

### Product Data

Full product code	872790090551900
Order product name	HF-S 118/136 TL-D II 220-240V 50/60Hz
EAN/UPC – product	8711500999290
Order code	90551900
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	913713032166
Net weight (piece)	0.200 kg

## Dimensional drawing



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