

HF-Selectalume II for TL-D lamps

HF-S 258 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 where control devices are installed with occasional On/Off switching activity

Benefits

• General Information

Type version	mk1
Lamp type	TL-D
Number of lamps	2 piece/unit
Number of products on MCB (16 A type B) (nom.)	12
Automatic restart	Yes

• Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50-60 Hz
Operating frequency (nom.)	46 kHz
Crest factor (nom.)	1.7
Power factor 100% load (nom.)	0.98
Preheat time	1.6 s
Mains voltage performance (AC)	202-254V-8%+6%
Mains voltage safety (AC)	198-264V-10%-+10%
Earth leakage current (max.)	0.5 mA
Inrush current width	0.35 ms
Ballast factor (nom.)	0.97
Power losses (nom.)	8.7 W
Inrush current peak (max.)	28 A

• Wiring

Connector type input terminals	WAGO 744 connector
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Cable capacity output wires mutual (max.)	200 pF
Connector type output terminals	WAGO 744 connector [Suitable for manual wiring]
Cable length hot-wiring	0.75 m
Wire strip length	8.0-9.0 mm
Dual fixture master/slave	Possible, lamp wires 2m max. length [Master/Slave operation possible]
Input terminal cross section	0.50-1.50 mm ²
Output terminal cross section	0.50-1.50 mm ²
Cable capacity cold output wires – earth (max.)	200 pF
Cable capacity hot output wires – earth (max.)	200 pF

• System characteristics

Rated lamp power on TL-D	58 W
System power on TL-D	111.7 W
Lamp power on TL-D	102 W
Power loss on TL-D	9.7 W

• Temperature

T ambient (max.)	50 °C
T ambient (min.)	-20 °C
T storage (max.)	80 °C
T storage (min.)	-40 °C
T case lifetime (nom.)	75 °C

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HF-Selectalume II for TL-D lamps

T-Case maximum (max.) 75 °C

Mechanical and Housing

Housing L 280x30x28

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.) 0.7 %
 Nominal light output after 5 seconds 50% of EBLF

Approval and Application

Energy efficiency index A2 BAT
 EMI 9 kHz... 30 MHz EN55015

Vibration standard IEC 68-2-6 Fc
 Bumps standard IEC 68-2-29 Eb (10G/16ms)
 Approval marks F-Marking

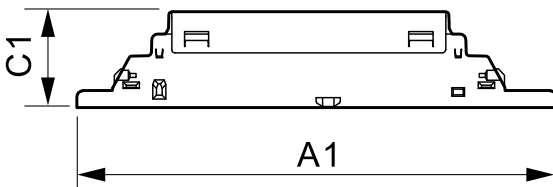
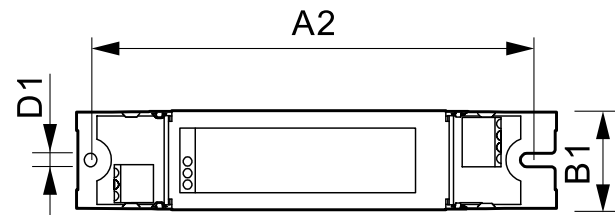
CE marking
 ENEC certificate
 CCC certificate
 C-Tick certificate
 PSB certification
 TISI marking
 SIRIM approval
 CB Certificate
 CCC certificate
 VDE-EMV certificate
 < 30 dB(A)

Humming and noise level

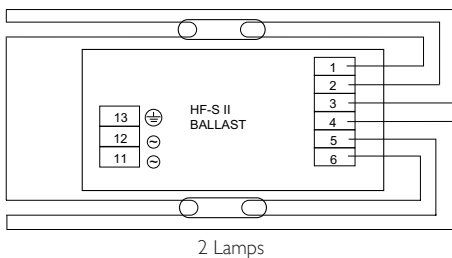
Product Data

Full product code 872790089746300
 Order product name HF-S 258 TL-D II 220-240V 50/60Hz
 EAN/UPC – product 8711500999085
 Order code 913713032566
 Numerator – 1
 quantity per pack
 Numerator – packs 12
 per outer box
 Material no. (12NC) 913713032566
 Net weight (piece) 0.193 kg

Dimensional drawing



HF-S TLS / TL-D II HT



HF-S 258 TL-D II 220-240V 50/60Hz

Product	D1	C1	A1	A2	B1
HF-S 258 TL-D II 220-240V 50/60Hz	4.1 mm	28.0 mm	280.0 mm	265.0 mm	30.0 mm

Photometric data

Ballast type	Lamp type	Lamp power	T _a			
			-40°C	+50°C	+60°C	
HF-S 258 TL-D II 220-240V 50/60Hz	TL-D General	58W	T _c	-15°C	+47°C	X
			Lifetime	100,000 Hrs	60,000 Hrs	X



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