

HF-Selectalume II for TL-D lamps

HF-S 218 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.;The ballast is primarily designed for Indoor application. For outdoor application, the luminaire should be minimum Classland need to be sufficiently protected against water & dust. The installation should also be guard against any lightening surge or any other necessary electrical protection as deemed in such typical installation & application.

Product data

General Information	
Application Code	II
Type Version	mk1
Lamp Type	TL-D
Number of Lamps	2 piece/unit
Automatic Restart	Yes

Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Operating Frequency (Nom)	40-60 kHz
Crestfactor (Nom)	1.7
Power Factor 100% Load (Nom)	0.97
Preheat Time	1.21 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	0.25 ms
Ballast Factor (Nom)	1.06
Power Losses (Nom)	5.5 W
Inrush Current Peak (Max)	20 A

Wiring	
Connector Type Input Terminals	WAGO 744 connector
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

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Wire Striplength	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 mm²
Output Terminal Cross Section	0.50-1.50 mm²
Cable Capacity Cold Output Wires - Earth (Max)	200 pF
Cable Capacity Hot Output Wires - Earth (Max)	200 pF

System characteristics

Rated Ballast-Lamp Power	18 W
Rated Lamp Power on TL-D	18 W
System Power on TL-D	38.1 W
Lamp Power on TL-D	32.6 W
Power Loss on TL-D	5.5 W

Temperature

T-Ambient (Max)	50 °C
T-Ambient (Min)	-15 °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

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

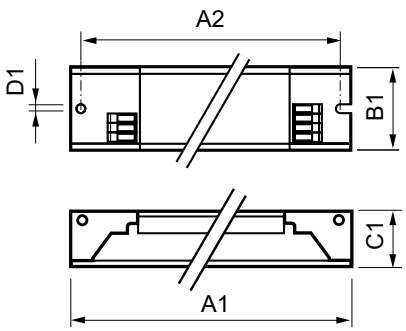
Approval and Application

Energy Efficiency Index	A2
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
Hum And Noise Level	< 30 dB(A)

Product Data

Full product code	872790090552600
Order product name	HF-S 218 TL-D II 220-240V 50/60Hz
EAN/UPC - Product	8711500999306
Order code	913713032366
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913713032366
Net Weight (Piece)	0.200 kg

Dimensional drawing



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Product	A1	B1	C1	A2	B2	D1
HF-S 218 TL-D II 220-240V 50/60Hz	280 mm	30 mm	28 mm	265 mm		4.2 mm



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2018, July 19 - data subject to change