



HF-Selectalume II for TL-D lamps

HF-S 218/236 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
Number of Products on MCB (16A Type B)	28
(Nom)	
Automatic Restart	Yes
Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Operating Frequency (Nom)	45 kHz
Crestfactor (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)	1.01
Power Losses (Nom)	4.6 W
Inrush Current Peak (Max)	18 A
Wiring	
Connector Type Input Terminals	WAGO 744 connector
Cable Capacity Output Wires Mutual (Max)	200 pF

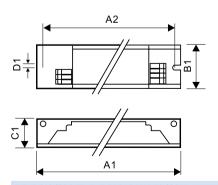
Datasheet, 2020, June 12 data subject to change

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Connector Type Output Terminals	WAGO 744 connector [Suitable for
	manual wiring]
Cable Length Hot Wiring	0.75 m
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 mm ²
Output Terminal Cross Section	0.50-1.50 mm ²
Cable Capacity Cold Output Wires - Earth	200 pF
(Max)	
Cable Capacity Hot Output Wires - Earth	200 pF
(Max)	
System characteristics	
Rated Ballast-Lamp Power	36/18 W
Rated Lamp Power on TL-D	36/18 W
System Power on TL-D	70.4/37.7 W
Lamp Power on TL-D	63.9/32.9 W
Power Loss on TL-D	6.5/4.8 W
Rated Lamp Power on PL-L	36 W
System Power on PL-L	66.7 W
Lamp Power on PL-L	61.2 W
Power Loss on PL-L	5.5 W
Temperature	
T-Ambient (Max)	55 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	80 ℃
T-Storage (Min)	-40 °C
T-Case Lifetime (Nom)	75 ℃
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)	100 %
(Nom)	
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
Hum And Noise Level	< 30 dB(A)
Product Data	
Full product code	872790090553300
Order product name	HF-S 218/236 TL-D II 220-240V 50/60Hz
EAN/UPC - Product	8711500999313
Order code	913713032466
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913713032466
Net Weight (Piece)	0.193 kg

Dimensional drawing



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Product

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