

# Lighting

**PHILIPS** 

# 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
Automatic Restart	Yes
Automatic Restart Operating and Electrical	Yes
	Yes 220 to 240 V
Operating and Electrical	
Operating and Electrical Input Voltage	220 to 240 V

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

# HF-Selectalume II for TL-D lamps

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 mm²
Output Terminal Cross Section	0.50-1.50 mm²
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 °C
T-Storage (Min)	-40 °C
T-Case Lifetime (Nom)	75 °C
T-Case Maximum (Max)	75 °C

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

### Mechanical and Housing

Housing	L 280x30x28

## Dimensional drawing



#### Product

HF-S 218/236 TL-D II 220-240V 50/60Hz

HF-Selectalume II for TL-D lamps



© 2020 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2020, October 22 - data subject to change