

HF-Selectalume II for TL5 lamps

HF-S 3/4 14 TL5 II 120V 50/60Hz

HF-Selectalume II TL5 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 TL5 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	-
Lamp Type	TL5
Number of Lamps	3/4 piece/unit
Number of Products on MCB (16A Type B) (Nom)	30
Automatic Restart	Yes

Operating and Electrical	
Input Voltage	120 V
Input Frequency	50 to 60 Hz
Operating Frequency (Nom)	46 kHz
Crestfactor (Nom)	1.7
Power Factor 100% Load (Nom)	0.98

Preheat Time	0.90 s
Mains Voltage Performance (AC)	108...132V-8%-+6%
Mains Voltage Safety (AC)	100...240V-10%-+10%
Earth Leakage Current (Max)	0.5 mA
Inrush Current Width	0.304 ms
Ballast Factor (Nom)	1
Inrush Current Peak (Max)	13 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

HF-Selectalume II for TL5 lamps

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	14 W
Rated Lamp Power on TL5	14 W
System Power on TL5	42.7/56.0 W
Lamp Power on TL5	42.7/56.0 W
Power Loss on TL5	4.5/6.5 W

Temperature

T-Ambient (Max)	55 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	50 °C
T-Storage (Min)	-40 °C
T-Case Lifetime (Nom)	75 °C
T-Case Maximum (Max)	75 °C

Mechanical and Housing

Housing	L 280x40x21

Emergency Operation

Nominal Light Output After 60 Seconds	100%
Normal Operating Voltage (DC)	120-240 V
Battery Voltage Guaranteed Operation	100-275 V
Battery Voltage Guaranteed Ignition	100-275 V
Emergency Ballast Lumen Factor (EBLF) (Nom)	0.7 %
Nominal Light Output After 5 Seconds	50%

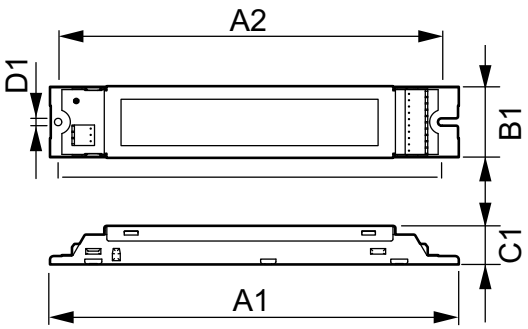
Approval and Application

Energy Efficiency Index	A2 BAT
IP Classification	IP 20 [Ingress Protection 20]
EMI 9 kHz ... 30 MHz	EN60929
Vibration Standard	IEC60068-2-6 F c
Bumps Standard	IEC 60068-2-29 Eb
Approval Marks	CE marking
Hum And Noise Level	< 30 dB(A)

Product Data

Full product code	871869653880700
Order product name	HF-S 3/4 14 TL5 II 120V 50/60Hz
EAN/UPC - Product	8718696538807
Order code	913700768466
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	913700768466
Net Weight (Piece)	0.228 kg

Dimensional drawing



HF-S 3/4 3/414 14 TL5 II 120V 50/60Hz

Product	D1	C1	A1	A2	B1
HF-S 3/4 14 TL5 II 120V 50/60Hz	4.2 mm	21 mm	280 mm	265 mm	39 mm



© 2018 Philips Lighting Holding B.V. All rights reserved. Philips Lighting reserves the right to make changes in specifications and/or to discontinue any product at any timewithout notice or obligation and will not be liable for any consequences resulting from the use of this publication.

www.lighting.philips.com
2018, August 1 - data subject to change