



HF-Selectalume II for TL-D lamps

HF-S 118/136 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	1 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
- Tower ractor 100% Load (North)	
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)	1.05
Power Losses (Nom)	3.8 W
Inrush Current Peak (Max)	18 A
Efficiency at full load [%]	88.98 %
Wiring	
Connector Type Input Terminals	WAGO 744 connector

Cable Capacity Output Wires Mutual (Max)

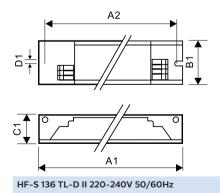
Datasheet, 2021, August 30 data subject to change

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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 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 W
Rated Lamp Power on TL-D	36 W
System Power on TL-D	38.8 W
Lamp Power on TL-D	35 W
Power Loss on TL-D	3.8 W
Temperature	
T-Ambient (Max)	55 ℃
T-Ambient (Min)	-20 °C
T-Storage (Max)	80 ℃
T-Storage (Min)	-40 °C
T-Case Lifetime (Nom)	75 ℃
T-Case Maximum (Max)	75 ℃
Mechanical and Housing	
Housing	L 280x30x28
Emergency Operation	
Nominal Light Output After 60 Seconds	100% of EBLF
Tronniar Eight Gutput / ittel GG Geterius	100% 01 EBEI

Normal Operating Voltage (DC) 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 IEC 68-2-6 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 872790090551900 Order product name HF-S 118/136 TL-D II 220-240V 50/60Hz EAN/UPC - Product 871500999290 Order code 913713032166 Numerator - Packs per outer box 12 Material Nr. (12NC) 913713032166 Net Weight (Piece) 0.200 kg		
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 CCC certificate CCC certificate PSB certificate CCC certificate CCC certificate VDE-EMV certificate Hum And Noise Level <30 dB(A) Product Data Full product code 872790090551900 Order product name HF-S 118/136 TL-D II 220-240V 50/60Hz EAN/UPC - Product 8711500999290 Order code 913713032166 Numerator - Packs per outer box 12 Material Nr. (12NC) 913713032166	Normal Operating Voltage (DC)	220-240 V
Emergency Ballast Lumen Factor (EBLF) (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 4 30 dB(A) Product Data Full product code 872790090551900 Order product name HF-S 118/136 TL-D II 220-240V 50/60Hz EAN/UPC - Product 8711500999290 Order code 913713032166 Numerator - Quantity Per Pack 1 Numerator - Packs per outer box 12 Material Nr. (12NC) 913713032166	Battery Voltage Guaranteed Operation	176-275 V
(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 Vibration Standard IEC 68-2-6 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 CHum And Noise Level A30 dB(A) Product Data Full product code 872790090551900 Order product name HF-S 118/136 TL-D II 220-240V 50/60Hz EAN/UPC - Product 8711500999290 Order code 913713032166 Numerator - Quantity Per Pack I Numerator - Packs per outer box 12 Material Nr. (12NC) 913713032166	Battery Voltage Guaranteed Ignition	186-275 V
Nominal Light Output After 5 Seconds 50% of EBLF Approval and Application Energy Efficiency Index A2 BAT IP Classification EMI 9 kHz 30 MHz Vibration Standard EC68-2-6 F c Bumps Standard IEC68-2-9 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 430 dB(A) Product Data Full product code Order product name HF-S 118/136 TL-D II 220-240V 50/60Hz EAN/UPC - Product 8711500999290 Order code 913713032166 Numerator - Quantity Per Pack I Numerator - Packs per outer box 12 Material Nr. (12NC) 913713032166	Emergency Ballast Lumen Factor (EBLF)	100 %
Approval and Application Energy Efficiency Index IP 20 [Ingress Protection 20] EMI 9 kHz 30 MHz 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 872790090551900 Order product name HF-S 118/136 TL-D II 220-240V 50/60Hz EAN/UPC - Product 8711500999290 Order code 913713032166 Numerator - Quantity Per Pack I Numerator - Packs per outer box 12 Material Nr. (12NC) 913713032166	(Nom)	
Energy Efficiency Index 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 **Todata** Full product Data Full product code 872790090551900 Order product name HF-S 118/136 TL-D II 220-240V 50/60Hz EAN/UPC - Product 8711500999290 Order code 913713032166 Numerator - Quantity Per Pack Numerator - Packs per outer box 12 Material Nr. (12NC) 913713032166	Nominal Light Output After 5 Seconds	50% of EBLF
Energy Efficiency Index 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 **Todata** Full product Data Full product code 872790090551900 Order product name HF-S 118/136 TL-D II 220-240V 50/60Hz EAN/UPC - Product 8711500999290 Order code 913713032166 Numerator - Quantity Per Pack Numerator - Packs per outer box 12 Material Nr. (12NC) 913713032166		
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Bumps Standard Approval Marks F-Marking CE marking ENEC certificate CCC certificate C-Tick certificate PSB certificate CCC certificate CCC certificate VDE-EMV certificate CB Certificate CCC certificate VDE-EMV certificate Hum And Noise Level **Todact** Full product Data Full product code **Todact** **Todact**	EMI 9 kHz 30 MHz	EN55015
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 872790090551900 Order product name HF-S 118/136 TL-D II 220-240V 50/60Hz EAN/UPC - Product 8711500999290 Order code 913713032166 Numerator - Quantity Per Pack 1 Numerator - Packs per outer box 12 Material Nr. (12NC) 913713032166	Vibration Standard	IEC68-2-6 F c
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Numerator - Packs per outer box 12 Material Nr. (12NC) 913713032166	Order code	913713032166
Material Nr. (12NC) 913713032166	Numerator - Quantity Per Pack	1
	Numerator - Packs per outer box	12
Net Weight (Piece) 0.200 kg	Material Nr. (12NC)	913713032166
	Net Weight (Piece)	0.200 kg

Dimensional drawing



Product

HF-S 118/136 TL-D II 220-240V 50/60Hz

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