



# HF-Selectalume II for TL5 lamps

# HF-S 2 24-39 TL5 II 220-240V 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.

### **Product data**

General Information	~ / / /
Application Code	
Type Version	mk1
Lamp Type	TL5
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)	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%

Inrush Current Width	0.35 ms
Ballast Factor (Nom)	1.14
Power Losses (Nom)	6/7 W
Inrush Current Peak (Max)	30 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
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

0.5 mA

Datasheet, 2017, October 19 data subject to change

Earth Leakage Current (Max)

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Cable Capacity Hot Output Wires - Earth (Max) 200 pF  Nominal Light C System characteristics  Rated Ballast-Lamp Power  24/39 W	Output Terminal Cross Section	0.50-1.50 mm <sup>2</sup>	Battery Voltage Gu
System characteristics Rated Ballast-Lamp Power Rated Lamp Power On TL5 System Power On TL5 Sol776 W Bumpe Standar Approval Marks  Temperature T-Amblent (Max) T-Storage (Max) T-Storage (Min) T-Storage (Min) T-Gase Litetime (Nonn) T-Gase Maximum (Max) T-Storage (Min) T-Gase Maximum (Max) T-	Cable Capacity Cold Output Wires - Earth (Max)	200 pF	Emergency Ballast
Rated Ballast-Lamp Power   24/39 W   Energy Efficien	Cable Capacity Hot Output Wires - Earth (Max)	200 pF	Nominal Light Outp
Rated Lamp Power On TL5  System Power On TL5  Soft83 W  Vibration Stand Lamp Power On TL5  Soft83 W  Vibration Stand Bumps Standar Power Loss On TL5  6.0/7.0 W  Approval Marks  Temperature  T-Amblent (Max)  T-Amblent (Min)  T-Storage (Max)  T-Storage (Min)  T-Case Lifetime (Nom)  T-Case Lifetime (	System characteristics		Approval and Ap
System Power On TL5	Rated Ballast-Lamp Power	24/39 W	Energy Efficiency In
Lamp Power On TL5	Rated Lamp Power On TL5	24/39 W	EMI 9 kHz 30 MI
Power Loss On TL5 6.0/7.0 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 280x30x21.5  Emergency Operation Nominal Light Output After 60 Seconds 100% of EBLF Normal Operating Voltage (DC) 220-240 V  Dimensional drawing  Product Product Data Full product or Grder code Numerator - Qu Numerator - Qu Numerator - Pa Material Nr. (12 Net Weight (Pis Dimensional drawing	System Power On TL5	56/83 W	Vibration Standard
Temperature  T-Amblent (Max) 50 °C  T-Amblent (Min) -15 °C Hum And Noise T-Storage (Max) 80 °C  T-Storage (Max) 75 °C  T-Case Lifetime (Nom) 75 °C  T-Case Lifetime (Nom) 75 °C  T-Case Maximum (Max) 75 °C  Mechanical and Housing Housing L 280x30x21.5  Emergency Operation Nominal Light Output After 60 Seconds 100% of EBLF Normal Operating Voltage (DC) 220-240 V  Dimensional drawing  Product  Product Data  An Vine Product Cox Numerator - Qu Numerator - Qu Numerator - Pa Material Nr. (12 Net Weight (Pie	Lamp Power On TL5	50/76 W	Bumps Standard
T-Ambient (Max) 50 °C T-Ambient (Min) -15 °C Hum And Noise T-Storage (Max) 80 °C T-Storage (Min) -40 °C Product Data T-Case Lifetime (Nom) 75 °C Full product coordinates and Housing Housing L 280x30x21.5 Numerator - Qu Numerator - Pa Emergency Operation Nominal Light Output After 60 Seconds 100% of EBLF Normal Operating Voltage (DC) 220-240 V Battery Voltage Guaranteed Operation  Dimensional drawing  Product Hum And Noise Hum And Noise Full product coordinates of the product of the	Power Loss On TL5	6.0/7.0 W	Approval Marks
T-Ambient (Min)  T-Storage (Max)  80 °C  T-Storage (Min)  40 °C  Product Data T-Case Lifetime (Nom)  75 °C  Grill product coo Order product re EAN/UPC - Pro Mechanical and Housing Housing L 280x30x21.5  Emergency Operation Nominal Light Output After 60 Seconds Nomal Operating Voltage (DC) Battery Voltage Guaranteed Operation  Dimensional drawing  Product  Product Data Full product coo Order product re EAN/UPC - Pro Numerator - Qu Numerator - Qu Numerator - Pa Material Nr. (12 Net Weight (Pie	Temperature		
T-Storage (Max)  T-Storage (Min)  T-Case Lifetime (Nom)  T-Case Lifetime (Nom)  T-Case Maximum (Max)  Mechanical and Housing  L 280x30x21.5  Numerator - Qu Numerator - Pa Numerator - Pa Material Nr. (12 Nominal Light Output After 60 Seconds  Normal Operating Voltage (DC)  T-Case Maximum (Max)  T-Case Maximu	T-Ambient (Max)	50 °C	
T-Storage (Min) T-Case Lifetime (Nom) T-Case Lifetime (Nom) T-Case Maximum (Max) T-Case Maxim	T-Ambient (Min)	-15 °C	Hum And Noise Le
T-Case Lifetime (Nom) 75 °C T-Case Maximum (Max) 75 °C Order product or EAN/UPC - Pro Order product or Order product or EAN/UPC - Pro Order product or Numerator - Qu Numerator - Qu Numerator - Pa Material Nr. *(12 Nominal Light Output After 60 Seconds 100% of EBLF Normal Operating Voltage (DC) 220-240 ∨ Battery Voltage Guaranteed Operation Dimensional drawing  Product HF-S 2 24-39 T	T-Storage (Max)	80 °C	
T-Case Maximum (Max)  75 °C  Order product FEAN/UPC - Product Fean/UPC	T-Storage (Min)	-40 °C	Product Data
Mechanical and Housing Housing L 280x30x21.5 Numerator - Qu Numerator - Pa Remergency Operation Nominal Light Output After 60 Seconds Normal Operating Voltage (DC) 220-240 V Bettery Voltage Guaranteed Operation Dimensional drawing  Product HF-S 2 24-39 T	T-Case Lifetime (Nom)	75 °C	Full product code
Mechanical and Housing  L 280x30x21.5  Numerator - Qu Numerator - Pa Emergency Operation  Normal Light Output After 60 Seconds Normal Operating Voltage (DC)  Battery Voltage Guaranteed Operation  Dimensional drawing  Product HF-S 2 24-39 T	T-Case Maximum (Max)	75 °C	Order product name
Housing  L 280x30x21.5  Numerator - Qu Numerator - Pa 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  Product  HF-S 2 24-39 T			EAN/UPC - Produc
Numerator - Pa Emergency Operation  Naterial Nr. (12 Nomlnal Light Output After 60 Seconds  100% of EBLF  Normal Operating Voltage (DC)  220-240 V  Battery Voltage Guaranteed Operation  176-275 V  Product  HF-S 2 24-39 T	Mechanical and Housing	_	Order code
Emergency Operation  Nominal Light Output After 60 Seconds  100% of EBLF  Net Weight (Pietro)  220-240 V  Battery Voltage Guaranteed Operation  176-275 V  Product  HF-S 2 24-39 T	Housing	L 280x30x21.5	Numerator - Quanti
Nominal Light Output After 60 Seconds  100% of EBLF  Normal Operating Voltage (DC)  220-240 V  Battery Voltage Guaranteed Operation  176-275 V  Product  HF-S 2 24-39 T			Numerator - Packs
Normal Operating Voltage (DC)  220-240 V  Battery Voltage Guaranteed Operation  176-275 V  Product  HF-S 2 24-39 T	Emergency Operation		Material Nr. (12NC)
Dimensional drawing  Product  HF-S 2 24-39 T	Nominal Light Output After 60 Seconds	100% of EBLF	Net Weight (Piece)
Dimensional drawing  Product  HF-S 2 24-39 T	Normal Operating Voltage (DC)	220-240 V	. 0
Dimensional drawing  Product  HF-S 2 24-39 T		176-275 V	
HF-S 2 24-39 T	Dimensional drawing		2
HF-S 224-39 TL5 II 220-240V 50/60Hz	_	$q_1 \sim c_1$	HF-S 2 24-39 TL5
HF-S 224-39 TL5 II 220-240V 50/60Hz			
	HF-S 224-39 TL5 II 220-240V 50/60Hz		

Battery Voltage Guaranteed Ignition	186-275 V
Emergency Ballast Lumen Factor (EBLF) (No	om) 0.7 %
Nominal Light Output After 5 Seconds	50% of EBLF
Approval and Application	
Energy Efficiency Index	A2 BAT
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	872790093935400
Order product name	HF-S 2 24-39 TL5 II 220-240V 50/60Hz
EAN/UPC - Product	8727900939354
Order code	913713034566
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913713034566
Net Weight (Piece)	0.210 kg
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## Dimensional drawing



Product	D1	C1	A1	A2	B1
HE-S 2 24-39 TL5 II 220-240V 50/60Hz	4.1 mm	21.5 mm	280 0 mm	265 0 mm	30.0 mm

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