PHILIPS Lighting



HF-Performer III for TL-D lamps

HF-P 258 TL-D III 220-240V 50/60Hz IDC

HF-Performer III TL-D III ballasts offer maximum versatility and meet all of the necessary commercial grade specifications. They also offer the added benefits of lamp striation reduction technology, making these ballasts compatible with energy-saving lamps. As such, 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-Performer III TL-D III 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	III IDC TL-D/PL-L 2 piece/unit 12		
Type Version			
Lamp Type			
Number of Lamps			
Number of Products on MCB (16A Type B)			
(Nom)			
Automatic Restart	Yes		
Operating and Electrical			
Input Voltage	220 to 240 V 50 to 60 Hz		
Input Frequency			

Operating Frequency (Nom)	45 kHz
Ignition Method	Programmed Start
Crestfactor (Max)	1.7
Power Factor 100% Load (Nom)	0.99
Ignition Time (Max)	0.9 s
Mains Voltage Performance (AC)	-8%-+6%
Mains Voltage Safety (AC)	-10%-+10%
Earth Leakage Current (Nom)	0.5 mA
Inrush Current Width	0.35 ms
Constant Wattage Deviation	-2%/+2%
Ballast Factor (Nom)	0.95
Power Factor (Nom)	0.99

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Power Losses (Nom)	5.5-6.1 W			
Inrush Current Peak (Max)	28 A			
initian current Peak (Max)	207			
Wiring				
Connector Type Input Terminals	WAGO 251 universal connector [Suitable			
	for both automatic wiring (ALF and ADS)			
	and manual wiring]			
Cable Capacity Output Wires Mutual (Nom)	200 pF			
Connector Type Output Terminals	WAGO 251 universal connector [Suitabl			
	for both automatic wiring (ALF and ADS)			
	and manual wiring]			
Cable Length Hot Wiring	0.75 m			
Wire Striplength	8.0-9.0 mm			
Dual Fixture Master/Slave	Not applicable [Master/Slave oper. not			
	applicable]			
Input Terminal Cross Section	0.50-1.00 mm ²			
Output Terminal Cross Section	0.50-1.00 mm ²			
Cable Capacity Output Wires to Earth (Nom)				
System characteristics				
Rated Ballast-Lamp Power	58 W			
Rated Lamp Power on TL-D	58 W			
System Power on TL-D	112.8W@58 W; 116.6W@70 W			
Lamp Power on TL-D	107.2W@58 W; 110.5W@70 W			
Power Loss on TL-D	5.5W@58 W; 6.1W@70 W			
System Power on PL-L	112.7W@55 W			
Lamp Power on PL-L	106.7W@55 W			
Power Loss on PL-L	6W@55 W			
Temperature				
T-Ambient (Max)	60 °C			
T-Ambient (Min)	-25 °C			
T-Storage (Max)	50 °C			
T-Storage (Min)	-40 °C			
T-Case Lifetime (Nom)	80 ℃			
T-Case Maximum (Max)	80 °C			
T-Ignition (Max)	60 °C			
T-Ignition (Min)	-25 °C			
Mechanical and Housing				
Housing	L 280x30x28			
Emergency Operation				
Nominal Light Output After 60 Seconds	100% of EBLF			

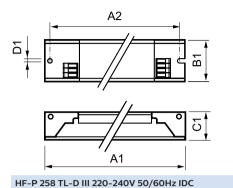
Battery Voltage Lamp Ignition 186-275 V Normal Operating Voltage (DC) 220-240 V Battery Voltage Lamp Operation 186-275 Battery Voltage Guaranteed Operation 176-275 V Battery Voltage Guaranteed Ignition 186-275 V Emergency Ballast Lumen Factor (EBLF) 100 % (Nom) Nominal Light Output After 5 Seconds 50% of EBLF **Approval and Application**

Energy Efficiency Index

Energy Efficiency Index	A2 BAT				
IP Classification	IP 20 [Ingress Protection 20]				
EMI 9 kHz 30 MHz	EN55015 EN55022 level B IEC 61347-2-3 IEC 60929 ISO 9000:2000 ISO 14001 IEC 61000-3-2				
EMI 30 MHz 1000 MHz					
Safety Standard					
Performance Standard					
Quality Standard					
Environmental Standard					
Harmonic Current Emission Standard					
EMC Immunity Standard	IEC 61547				
Vibration Standard	IEC68-2-6 F c				
Bumps Standard	IEC 68-2-29 Eb				
Humidity Standard	EN 61347-2-3 clause 11				
Approval Marks	CE marking ENEC certificate VDE-EMV				
	certificate				
Temperature Marking	Yes				
Emergency Standard	IEC 60598-2-22				
Hum And Noise Level	< 30 dB(A)				
Product Data					
Full product code	872790091172500				
Order product name	HF-P 258 TL-D III 220-240V 50/60Hz				
	IDC				
EAN/UPC - Product	8711500999726				
Order code	913713031966				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	12				
Material Nr. (12NC)	913713031966				
Net Weight (Piece)	0.231 kg				

HF-Performer III for TL-D lamps

Dimensional drawing



Product	D1	C1	A1	A2	B1
HF-P 258 TL-D III 220-240V	4.2 mm	28.0 mm	280.0 mm	265.0 mm	30.0 mm
50/60Hz IDC					



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