

T12400670-40PB SPECIFICATIONS

SELV Equivalent

- Constant Current LED Driver
- Output Wattage: 40W
- Input Voltage: 240VAC, 50/60Hz
- Output Current: 670mA ±8%

- Wired; PC EnclosureOutput voltage range of 40-60VDC
- Dry and Damp Locations
- SELV Equivalent

- Under Voltage Protection
- Over Voltage Protection
- 440Vac Protection

Dimming Controller Type/Dimming RangeNARFI/EMINAOutput TypeClass II (IEC 61140)Ambient Operating Temperature Range-10°C to 50°CMax. Case Temperature75°CSound RatingNA	General Specifications				
Input Current 0.4 A Max. Input Power 49W Max. Power Factor 0.98 THD Power Factor 0.98 Constant Current 0.98 Constant Current 0.98 Constant Current 0.98 Constant Current 0.98 Output Vortage Range 0.96 Output Voltage Range 0.96 Number of Output Channels 1 Channel 0.97 Dimming Controller Type/Dimming Range NA RF/EMI NA RF/EMI NA Output Type Class II (IEC 61140) Ambient Operating Temperature Range 10°C to 50°C Max. Case Temperature 75°C Sound Rating NA Input Surge Protection Input Voltage 1.00°C rurent 1.00N-Resettable Input Over Current 1.00N-Resettable Input Over Current 1.00N-Resettable Input Over Current 2.00°CF @ Vin = 300.315VAG 	Rated Input Voltage	240VAC ±15%, 50/60Hz			
Input Power 49W Max. Power Factor 0.98 THD <10% across load range specified Efficiency >86% across load range specified Driver Type Constant Current Output Current 670mA ±8% Output Voltage Range 40-60VDC Output Power 40W Number of Output Channels 1Channel Dimming Controller Type/Dimming Range NA RF/IEMI NA Output Type Class II (IEC 61140) Ambient Operating Temperature Range 10°C to 50°C Max. Case Temperature 75°C Sound Rating NA Input Surge Protection Line-Neutral 4KV DM Input Surge Protection Line-Neutral 4KV DM Protections Output Under Voltage CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin = 300-315VAC Untur Under Voltage CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin = 100-110VAC Output Source Current NA Service Life 50,000 hours @ Tc 75°C Approvals / Class Dry and Damp Locations Warranty 3 years	Operating Input Voltage Range	110VAC~320VAC, 50/60Hz			
Power Factor 0.98 THD <10% across load range specified	Input Current				
THD <10% across load range specified	Input Power	49W Max.			
Efficiency >86% across load range specified Driver Type Constant Current Output Current 670mA ±8% Output Voltage Range 40-60VDC Output Power 400W Number of Output Channels 1 Channel Dimming Controller Type/Dimming Range NA RF//EMI NA Qutput Type Class II (IEC 61140) Ambient Operating Temperature Range -10°C to 50°C Max. Case Temperature 75°C Sound Rating NA Input Surge Protection Line-Neutral 4kV DM Input Over Current : NON-Resettable Input Over Voltage : CUTOFF @ Vin >35VAC; AUTORECOVERY @ Vin = 300-315VAC Protections Output Yolder Voltage : CUTOFF @ Vin >35VAC; AUTORECOVERY @ Vin = 100-110VAC Output Over Voltage : CUTOFF @ Vin <35VAC; AUTORECOVERY @ Vin = 100-110VAC	Power Factor	0.98			
Driver Type Constant Current Output Current 670mA ±8% Output Voltage Range 40-60VDC Output Power 40W Number of Output Channels 1 Channel Dimming Controller Type/Dimming Range NA RF/EMI NA Output Type Class II (IEC 61140) Ambient Operating Temperature Range -10°C to 50°C Max. Case Temperature 75°C Sound Rating NA Input Surge Protection Line-Neutral 4kV DM Input Over Current : NON-Resettable Input Over Voltage : CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin = 300-315VAC; : Immunty - 320Vac for 48 hours & 440Vac for 8 hours Protections Output Type Output Corrent Protections : Quitput Over Current Service Life 50,000 hours @ Tc 75°C Approvals / Class Dry and Damp Locations Warranty 3 years	THD	<10% across load range specified			
Output Current 670mA ±8%. Output Voltage Range 40-60VDC Output Power 40W Number of Output Channels 1 Channel Dimming Controller Type/Dimming Range NA RF/EMI NA Output Type Class II (IEC 61140) Ambient Operating Temperature Range -10°C to 50°C Max. Case Temperature 75°C Sound Rating NA Input Surge Protection Line-Neutral 4kV DM Input Over Current : NON-Resettable Input Over Current : NON-Resettable Input Over Current : NON-Resettable Input Over Voltage : CUTOFF @ Vin <95VAC; AUTORECOVERY @ Vin = 300-315VAC : Immunity - 320Vac for 48 hours & 440vac for 8 hours Protections Output Over Voltage : CUTOFF @ Vin <95VAC; AUTORECOVERY @ Vin = 100-110VAC	Efficiency	>86% across load range specified			
Output Voltage Range 40-60VDC Output Power 40W Number of Output Channels 1 Channel Dimming Controller Type/Dimming Range NA RF/EMI NA Output Type Class II (IEC 61140) Ambient Operating Temperature Range -10°C to 50°C Max. Case Temperature 75°C Sound Rating NA Input Surge Protection Line-Neutral 4KV DM Input Over Current NON-Resettable Input Over Voltage : CUTOFF @ Vin >325VAC; AUTORECOVERY @ Vin = 300-315VAC : Immunity - 320Vac for 48 hours & 440Vac for 8 hours Protections Output Open Circuit : Auto recovery Output Overload : YES Over Temperature : NA Service Life 50,000 hours @ 175°C Approvals / Class Dry and Damp Locations Warranty 3 years	Driver Type	Constant Current	Constant Current		
Output Power 40W Number of Output Channels 1 Channel Dimming Controller Type/Dimming Range NA RFI/EMI NA Output Type Class II (IEC 61140) Ambient Operating Temperature Range -10°C to 50°C Max. Case Temperature 75°C Sound Rating NA Input Surge Protection Line-Neutral 4kV DM Input Over Current : NON-Resettable Input Over Current : NON-Resettable Input Over Current : OUTOFF @ Vin >325VAC; AUTORECOVERY @ Vin = 300-315VAC Protections	Output Current	670mA <u>+</u> 8%	670mA ±8%		
Number of Output Channels 1 Channel Dimming Controller Type/Dimming Range NA RFI/EMI NA Output Type Class II (IEC 61140) Ambient Operating Temperature Range -10°C to 50°C Max. Case Temperature 75°C Sound Rating NA Input Surge Protection Line-Neutral 4kV DM Input Over Current : NON-Resettable Input Over Voltage : CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin = 300-315VAC Protections Under Voltage Protections Cutput Short Circuit Service Life 50,000 hours @ Tc 75°C Approvals / Class Dry and Damp Locations Warranty 3 years	Output Voltage Range	40-60VDC			
Dimming Controller Type/Dimming Range NA RFI/EMI NA Output Type Class II (IEC 61140) Ambient Operating Temperature Range -10°C to 50°C Max. Case Temperature 75°C Sound Rating NA Input Surge Protection Line-Neutral 4kV DM Input Over Current : NON-Resettable Input Over Voitage : CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin = 300-315VAC Protections : Output Over Voitage Protections : Output Short Circuit Service Life 50,000 hours @ Tc 75°C Approvals / Class Dry and Damp Locations Warranty 3 years	Output Power	40W	40W		
RFI/EMI NA Output Type Class II (IEC 61140) Ambient Operating Temperature Range -10°C to 50°C Max. Case Temperature 75°C Sound Rating NA Input Surge Protection Line-Neutral 4kV DM Input Over Current : NON-Resettable Input Over Voltage : CUTOFF @ Vin >325VAC; AUTORECOVERY @ Vin = 300-315VAC Protections Output Over Voltage : CUTOFF @ Vin >325VAC; AUTORECOVERY @ Vin = 100-110VAC Output Over Voltage : CUTOFF @ Vin >325VAC; AUTORECOVERY @ Vin = 100-110VAC Output Under Voltage : CUTOFF @ Vin >95VAC; AUTORECOVERY @ Vin = 100-110VAC Output Open Circuit : Auto recovery Output Open Circuit : Auto recovery Output Over Temperature : NA Service Life 50,000 hours @ Tc 75°C Approvals / Class Dry and Damp Locations Warranty 3 years	Number of Output Channels	1 Channel	1 Channel		
Output Type Class II (IEC 61140) Ambient Operating Temperature Range -10°C to 50°C Max. Case Temperature 75°C Sound Rating NA Input Surge Protection Line-Neutral 4kV DM Input Over Current : NON-Resettable Input Over Voltage : CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin = 300-315VAC Protections	Dimming Controller Type/Dimming Range	NA			
Ambient Operating Temperature Range -10°C to 50°C Max. Case Temperature 75°C Sound Rating NA Input Surge Protection Line-Neutral 4kV DM Input Over Current : NON-Resettable Input Over Voltage : CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin = 300-315VAC Protections : Immunity - 320Vac for 48 hours & 440Vac for 8 hours Input Under Voltage : CUTOFF @ Vin <s25vac; @="" autorecovery="" vin="100-110VAC</td"> Output Short Circuit : Auto recovery Output Open Circuit : Auto recovery Output Open Circuit : Auto recovery Output Overload : YES Output Overload : YES Over Temperature : NA Service Life 50,000 hours @ Tc 75°C Approvals / Class Dry and Damp Locations Warranty 3 years</s25vac;>	RFI/EMI	NA			
Max. Case Temperature 75°C Sound Rating NA Input Surge Protection Line-Neutral 4kV DM Input Over Current : NON-Resettable Input Over Voltage : CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin = 300-315VAC Protections : Input Under Voltage : CUTOFF @ Vin < 95VAC; AUTORECOVERY @ Vin = 100-110VAC	Output Type	Class II (IEC 61140)			
Sound Rating NA Input Surge Protection Line-Neutral 4kV DM Input Over Current : NON-Resettable Input Over Voltage : CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin = 300-315VAC Protections Input Under Voltage : CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin = 300-315VAC Protections Input Under Voltage : CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin = 100-110VAC Output Short Circuit : Auto recovery Output Open Circuit : Auto recovery Output to ground short : YES Output Overload : YES Over Temperature : NA Service Life 50,000 hours @ Tc 75°C Approvals / Class Dry and Damp Locations Warranty 3 years	Ambient Operating Temperature Range	-10°C to 50°C			
Input Surge Protection Line-Neutral 4kV DM Input Over Current : NON-Resettable Input Over Voltage : CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin = 300-315VAC Protections : Immunity - 320Vac for 48 hours & 440Vac for 8 hours Input Under Voltage : CUTOFF @ Vin <95VAC; AUTORECOVERY @ Vin = 100-110VAC	Max. Case Temperature	75°C			
Input Over Current : NON-Resettable Input Over Voltage : CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin = 300-315VAC Input Under Voltage : CUTOFF @ Vin < 95VAC; AUTORECOVERY @ Vin = 100-110VAC	Sound Rating	NA			
Input Over Voltage: CUTOFF @ Vin>325VAC; AUTORECOVERY @ Vin = 300-315VAC : Immunity - 320Vac for 48 hours & 440Vac for 8 hoursInput Under Voltage: CUTOFF @ Vin <95VAC; AUTORECOVERY @ Vin = 100-110VAC Output Short CircuitProtectionsOutput Short CircuitOutput Open Circuit: Auto recovery Output to ground shortOutput Overload: YES Over TemperatureService Life50,000 hours @ Tc 75°CApprovals / ClassDry and Damp LocationsWarranty3 years	Input Surge Protection	Line-Neutral 4kV DM			
Protections Input Under Voltage : CUTOFF @ Vin <95VAC; AUTORECOVERY @ Vin = 100-110VAC		Input Over Current : NON-Resettable			
Protections Output Short Circuit : Auto recovery Output Open Circuit : Auto recovery Output to ground short : YES Output Overload : YES Over Temperature : NA Service Life 50,000 hours @ Tc 75°C Approvals / Class Dry and Damp Locations Warranty 3 years			0-315VAC		
Protections Output Open Circuit : Auto recovery Output to ground short : YES Output Overload : YES Over Temperature : NA Service Life 50,000 hours @ Tc 75°C Approvals / Class Dry and Damp Locations Warranty 3 years		Input Under Voltage : CUTOFF @ Vin <95VAC; AUTORECOVERY @ Vin = 100)-110VAC		
Output Open Circuit : Auto recovery Output to ground short : YES Output Overload : YES Over Temperature : NA Service Life 50,000 hours @ Tc 75°C Approvals / Class Dry and Damp Locations Warranty 3 years	Desta stieves	Output Short Circuit : Auto recovery			
Output Overload : YES Over Temperature : NA Service Life 50,000 hours @ Tc 75°C Approvals / Class Dry and Damp Locations Warranty 3 years	Protections	Output Open Circuit : Auto recovery			
Over Temperature : NA Service Life 50,000 hours @ Tc 75°C Approvals / Class Dry and Damp Locations Warranty 3 years		Output to ground short : YES			
Service Life 50,000 hours @ Tc 75°C Approvals / Class Dry and Damp Locations Warranty 3 years		Output Overload : YES			
Approvals / Class Dry and Damp Locations Warranty 3 years					
Warranty 3 years					
Weight 0.220Kg					
	Weight	0.:220Kg			

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of <u>3 years @ Tc 75°C</u> from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham Product Catalog (www.fulham.com). Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described. © Fulham Company Limited, All Rights Reserved.



T12400670-40PB **SPECIFICATIONS**

Figure 2

SELV Equivalent

Figure 1

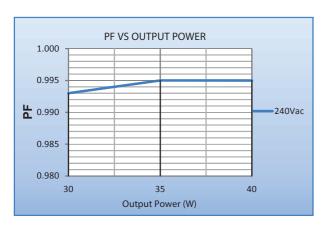
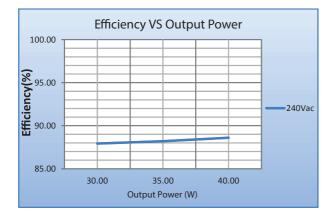
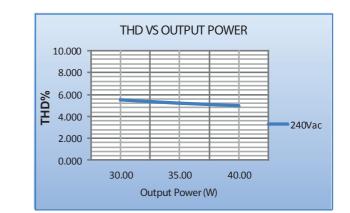


Figure 3





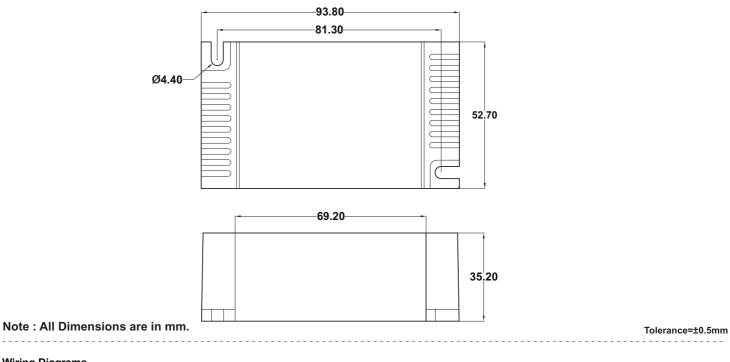
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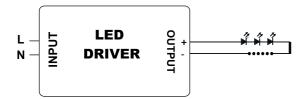
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SELV Equivalent

Mechanical Data



Wiring Diagrams



INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH	
BLACK	250 mm	RED	250 mm	
WHITE	250 mm	BLUE	250 mm	
		Output wire with T	Output wire with Terminal: N. A.	

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