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ALFA ELECTRONICS

Product Acknowledgment

Customer Name: _____

Specification model: SP-AIDF4050E

Date: _____

Edit	Audit	Approval	Customer Confirmation

Address :

Sr.No. 37/3, Ajinkyatara Industrial Estate, Vadgaon Khurd, Sinhagad Road, Pune - 411041.

Email : asmita@alfaelectronicsindia.com / info@alfaelectronicsindia.com

Contact : +91 9623449905 / 9623002706 / 9850005320

● Description:



- All protected model half aluminum housing, meet IP65 rating
- Protection type: open circuit, short circuit, overload
- Natural air cooling
- 100% full load aging test
- Low cost/high reliability
- Warranty period: 3 years

Input characteristic

Input voltage and frequency	85-285V 50/60hz
Input current	240maAC220V A
Power factor	0.97
Efficiency	89.5%
Total harmonic content ATHD A	>7%

Output characteristic

Output voltage	26-43V
Output current	1500ma ±5%
Output current range	1200~1500ma
Floating voltage	45V ±1V
Precision of constant current	3%
Turn on Delay Time	0.5S
Ripple percentage	<19%

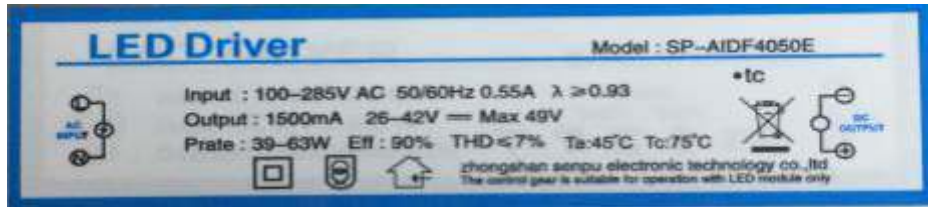
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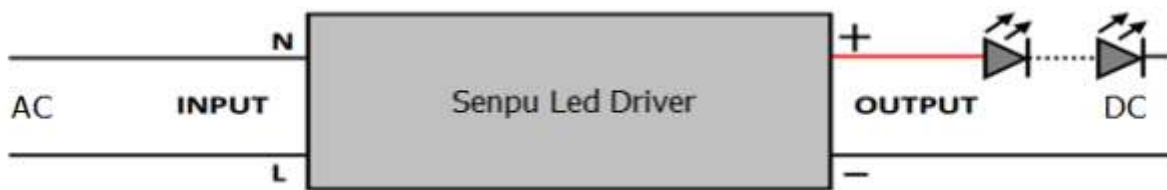
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Protection	
No-load protection	When driver no-load can work normally
Input overvoltage protection	When the input exceeds 300V,the power will automatically stop work! Automatically start work after recovery
Lightning surge protection	>4KVA
Overload protection	The working voltage of the light source is beyond the scope of the output power, light blinking (burp protection)
Short-circuit protection	When the output short circuit, the power will protect, reduce the input power to milliwatts. The output separately power automatic working
Work environment requirements	
Working temperature/ humidity requirements	-30°C to +45°C 10%RH to 100%RH
Storage temperature/ humidity requirements	-40°C to +85°C 5%RH to 100%RH
Work surface temperature	Driver surface temperature<85°C
Safety standard and electromagnetic compatibility	
Certification mark	BIS
Certification standard	、 EN61347-2-13:2006 / IEC 61347-2-13 Ed.1.0
Electromagnetic compatibility	Not Applicable
Withstand voltage	3800V/30S
Others	
Overall dimensions	117MM*37MM*28MM Error range<1MM
Remark	
1: This product has the function of constant current, can maximum limit to protect the light is not affected by the driver itself overshoot current	
2: The product output and completely isolated grid, the output voltage is safe.	

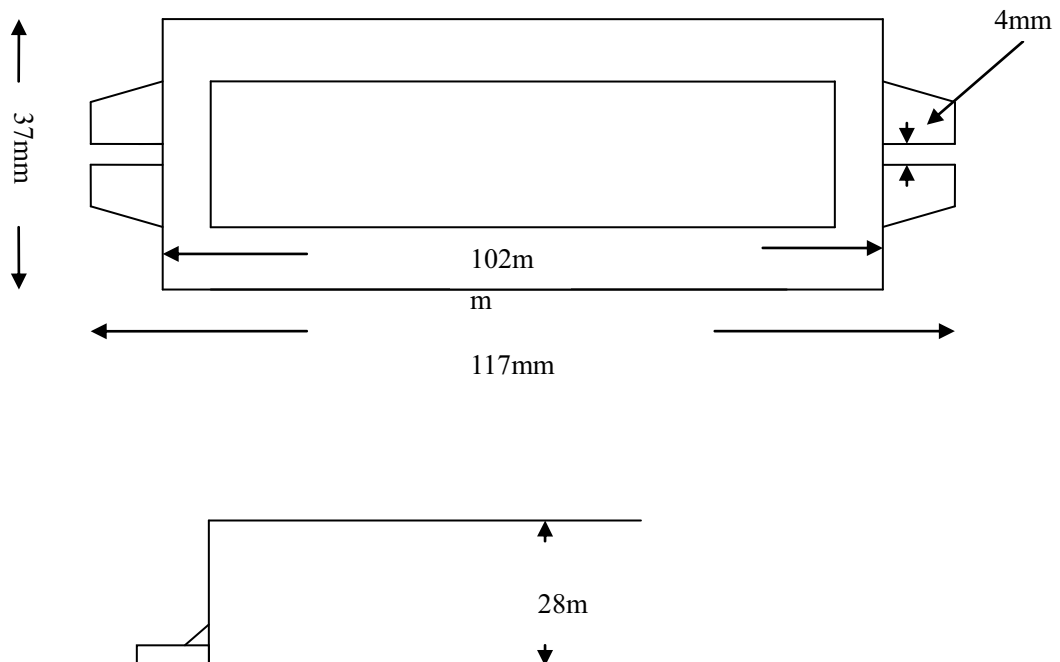
● Nameplate:



● Wiring diagram:



● Installation size picture:



End