



Specification Sheet	Product	3W 700mA Indoor Constant Current LED Driver		Version: 1.0	Page:1/2
	Model	HQLC3/123/700/B1E3		Date	2019-11-16



■Features:

- Universal AC input:100~277VAC.
- Built-in active PFC function.
- cooling by free air convection.
- IP20, input/output ports are connected to the wire.
- Constant current output.
- Suitable for LED lighting applications.
- Comply to UL lighting equipment safety regulations.
- Use in indoor area.
- Build-in application.
- 3 years warranty.

INDOOR CONSTANT CURRENT LED DRIVER



SPECIFICATION				
INPUT	Voltage range	Rated voltage range:100~277VAC , Input voltage range:90~305VAC		
	Frequency range	47~63Hz		
	Power factor	PF≥0.75		
	Efficiency(Typ.)	≥70%	Test condition: Input Voltage 277VAC,100% full load.	
	AC current	≤0.06A/100VAC (100%full load)		
	Start up inrush current(Typ.)	cold start: 50A Max. /277VAC		
	Leakage current	Contact current ≤0.7mA at 277VAC, Protect conductor current ≤2mA at 277VAC		
	THD	<20%		
OUTPUT	Output channel	1 channel		
	Output current and voltage	3~5V		
		700mA		
	Tolerance	±5%		
	Output ripple Voltage	<30% (100% full load)		
	Output overshoot / undershoot voltage	≤10%,when power open and shut down		
	Start up time	0~1S		
ENVIRONMENT	Working TEMP.	-40~+50℃ (100%full load)		
	Max. CASE TEMP.	80℃ (100%full load)		
	Working humidity	20~95%RH, non-condensing		
	Storage TEMP.,humidity	-40~+80℃, 10~95%RH		
	Vibration	10~500Hz, 5G 12min/1 cycle, period for 72min.each along X、Y、Z axes		
SAFETY&EMC	Safety standards	UL8750, IEC61347-1, IEC61347-2-13		
	Withstand voltage	I/P-O/P:3.75KVAC, I/P-FG:1.875KVAC, O/P-FG:0.5KVAC		
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG:> 100MΩ at 500VDC/25℃/70%RH		
	EMC emission	ANSI.C63.4:2009 Class B		
	EMC immunity	Surge impulse tes:L-N,2kV		
LIFE	50,000 hours at Ta			
SIZE	53×33×21mm(L×W×H),find below dimension.			
WEIGHT	68g/PCS			
NOTE	1.All parameters NOT specially mentioned are measured at 220VAC input , rated load and 25℃ of ambient temperature . 2.The LED driver is considered as a component that will be operated in combination with final equipment , since EMC performance will be affected by the complete installation ,the final equipment manufacturers must re-qualify EMC directive on the complete installation again . 3.Detail warranty terms please refer to warranty statement.			

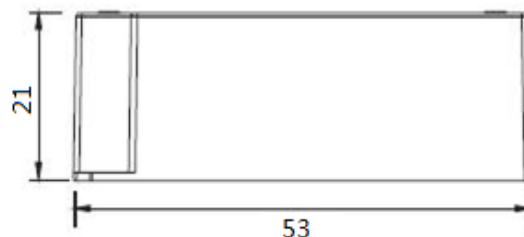
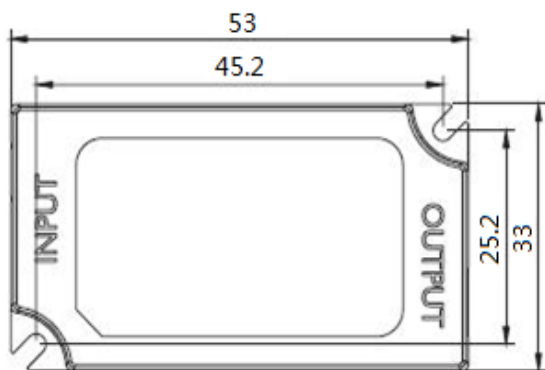
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■ SIZE

UNIT: mm

TOERLANCE:  $\pm 1\text{mm}$



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Please refer to the actual products provided by HUAQUAN for specific details.

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