



Specification Sheet	Product	6W 700mA Indoor Constant Current LED Driver		Version: 1.0	Page:1/2
	Model	HQLC6/123/700/B1E2		Date	2019-11-16
		<div>■Features:</div> <div>·Universal AC input:100~277VAC.</div> <div>·Built-in active PFC function.</div> <div>·cooling by free air convection.</div> <div>·IP20, input/output ports are connected to the wire.</div> <div>·Constant current output.</div> <div>·Suitable for LED lighting applications.</div> <div>·Comply to UL lighting equipment safety regulations.</div> <div>·Use in indoor area.</div> <div>·Build-in application.</div> <div>·3 years warranty.</div> <div></div>			
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≥0.85			
	Efficiency(Typ.)	≥80%	Test condition: Input Voltage 277VAC,100% full load.		
	AC current	≤0.09A/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	6~9V			
		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	70×39×25mm(L×W×H),find below dimension.				
WEIGHT	115g/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.				

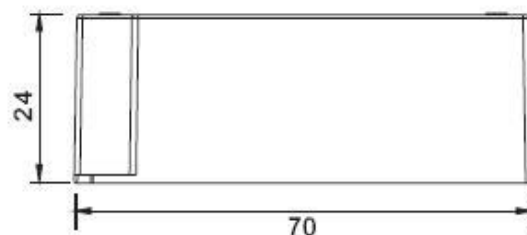
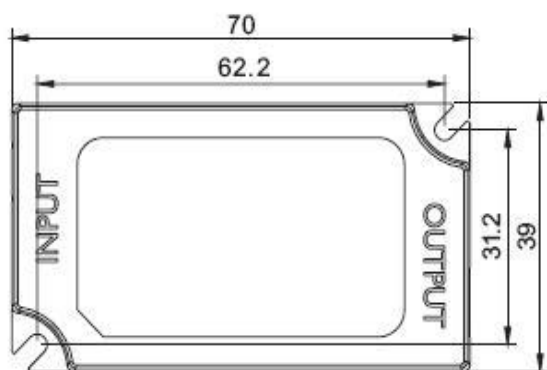
FM73045C

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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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