

Specification Sheet	Product	60W 1400mA Indoor Constant Current LED Driver			Version: 1.0	Page:1/2								
	Model	HQLC60/123/1400/B1E1			Date	2019-11-16								
		<p>■Features:</p> <ul style="list-style-type: none"> •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 \geq 0.9												
	Efficiency(Typ.)	\geq 85%	Test condition: Input Voltage 277VAC,100% full load.											
	AC current	\leq 0.75A/100VAC (100%full load)												
	Start up inrush current(Typ.)	cold start: 50A Max. /277VAC												
	Leakage current	Contact current \leq 0.7mA at 277VAC, Protect conductor current \leq 2mA at 277VAC												
	THD	$<$ 20%												
OUTPUT	Output channel	1 channel												
	Output current and voltage	28~42V												
		1400mA												
	Tolerance	\pm 5%												
	Output ripple Voltage	$<$ 30% (100% full load)												
	Output overshoot / undershoot voltage	\leq 10%,when power open and shut down												
ENVIRONMENT	Start up time	0~1S												
	Working TEMP.	-40~+50°C (100%full load)												
	Max. CASE TEMP.	80°C (100%full load)												
	Working humidity	20~95%RH, non-condensing												
	Storage TEMP.,humidity	-40~+80°C, 10~95%RH												
SAFETY&EMC	Vibration	10~500Hz, 5G 12min/1 cycle, period for 72min.each along X、Y、Z axes												
	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°C/70%RH												
	EMC emission	ANSI.C63.4:2009 Class B												
LIFE	EMC immunity													
	Surge impulse tes:L-N,2kV													
	50,000 hours at Ta													
SIZE	160x40x32mm(LxWxH),find below dimension.													
WEIGHT	345g/PCS													
NOTE	1.All parameters NOT specially mentioned are measured at 220VAC input , rated load and 25°C 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.													

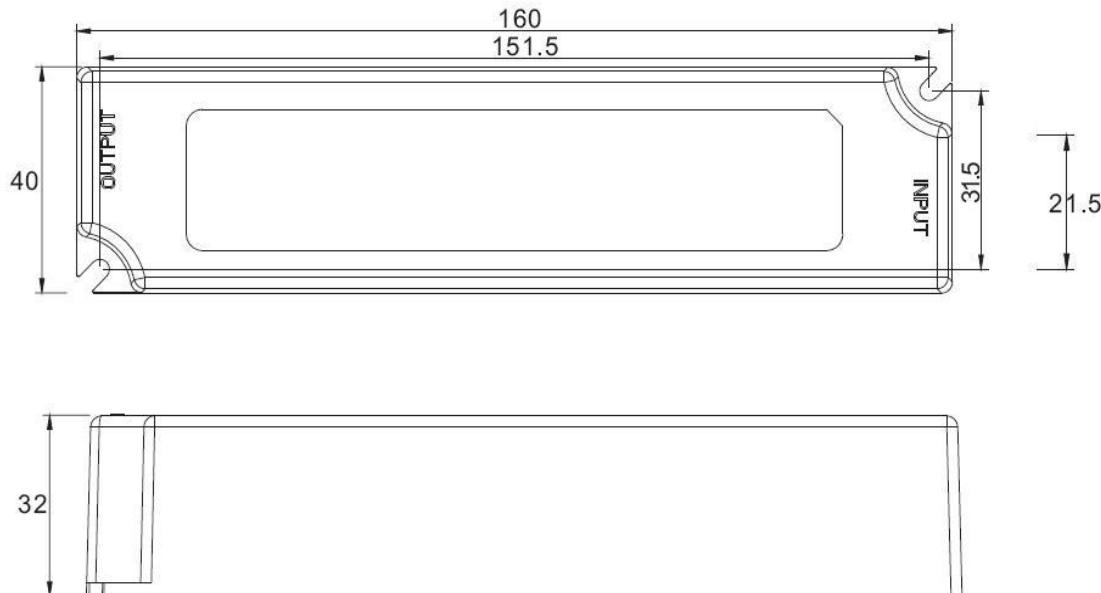
FM73045C

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■ SIZE

UNIT: mm

TOERLANCE: ± 1 mm



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

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