HEP ower for light

LTC40Wxxx UNI

100-240VAC

Constant Current LED Driver

Approval Marks

Australia Certificate No. : TUV16817E

Certified

EN 61347-1:2008+A1
EN 61347-2-13:2006
EN 62384:2006+A1

Electronic

Parameter	Conditions	Min	Nom	Max	Unit
I/P Voltage Range		90	100-240	264	Vac
Input Frequency		47	50-60	63	Hz
Input Power	High Power LED	25	-	48	W
Input current	LTC40W500 UNI	-	-	350	mA
	LTC40W600 UNI	-	-	410	mA
	LTC40W700 UNI - LTC40W1400 UNI	-	-	480	mA
Output Voltage Range	LTC40W500 UNI	-	29-58	-	Vdc
	LTC40W600 UNI	-	29-58	-	Vdc
	LTC40W700 UNI	-	29-58	-	Vdc
	LTC40W800 UNI	-	25-50	-	Vdc
	LTC40W900 UNI	-	22-44	-	Vdc
	LTC40W1000 UNI	-	20-40	-	Vdc
	LTC40W1100 UNI	-	18-36	-	Vdc
	LTC40W1200 UNI	-	17-33	-	Vdc
	LTC40W1300 UNI	-	16-31	-	Vdc
	LTC40W1400 UNI	-	14-29	-	Vdc
Output Current Range	LTC40W500 UNI	475	500	525	mA
	LTC40W600 UNI	570	600	630	mA
	LTC40W700 UNI	665	700	735	mA
	LTC40W800 UNI	760	800	840	mA
	LTC40W900 UNI	855	900	945	mA
	LTC40W1000 UNI	950	1000	1050	mA
	LTC40W1100 UNI	1045	1100	1155	mA
	LTC40W1200 UNI	1140	1200	1260	mA
	LTC40W1300 UNI	1235	1300	1365	mA
	LTC40W1400 UNI	1330	1400	1470	mA
Rated Output power	LTC40W500 UNI	14	-	29	W
	LTC40W600 UNI	17	-	35	W
	LTC40W700 UNI - LTC40W1400 UNI	20	-	40	W
THD		-	-	15	%
Efficiency	Full Load	87	-	91	%
Standby Power		-	-	1	W
Rise Time		-	-	500	ms
Start-up Delay		-	-	500	ms
Ripple current	peak to peak @ full load	-	40	-	%
Output Current Overshoot		-	-	20	%
Power Factor	Full Load	0.90	-	-	-
Protection	Over-voltage Protection		Auto recovery		
	Open-circuit Protection		Max output voltage at no load		
	Short-circuit Protection		Auto recovery		
RoHS Standard			Compliant		

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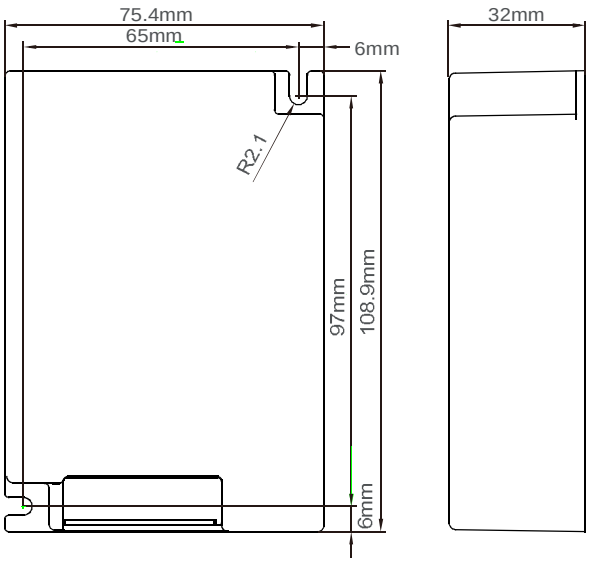
Electronic

Parameter	Conditions	Min	Nom	Max	Unit
Case Temperature(Tc)		-	-	+70	℃
External Operating Temperature		-20	-	+50	℃
Operating humidity range		10	-	95	%
Storage Temp. range		-40	-	+85	℃
Lifetime	at Max Case hot spot Temperature	-	50,000	-	hrs
Case Dimensions		108.9	75.4	32	mm

Physical

Parameter



Wiring