

Constant Current LED Driver



Approval Marks



Certified

EN 61347-1:2008+A1:2011
 EN 61347-2-13:2006
 EN 62384:2006+A1:2009

Electronic

Parameter	Conditions	Min	Nom	Max	Unit
I/P Voltage Range		100	230	240	Vac
Input Frequency		47	50-60	63	Hz
Input current	@230V	-	55	-	mA
Output Voltage Range	LIC9W200 UNI	30	-	45	Vdc
	LIC9W300 UNI	20	-	30	Vdc
	LIC9W350 UNI	17.1	-	25.7	Vdc
	LIC9W450 UNI	13.3	-	20	Vdc
	LIC9W500 UNI	12	-	18	Vdc
	LIC9W600 UNI	10	-	15	Vdc
	LIC9W700 UNI	8.6	-	12.9	Vdc
Output Current Range	LIC9W200 UNI	190	200	210	mA
	LIC9W200 UNI	190	300	315	mA
	LIC9W350 UNI	333	350	368	mA
	LIC9W450 UNI	427.5	450	472.5	mA
	LIC9W500 UNI	475	500	525	mA
	LIC9W600 UNI	570	600	630	mA
	LIC9W700 UNI	665	700	735	mA
Rated Output power	LIC9W200 UNI	6	-	9	W
	LIC9W300 UNI	6	-	9	W
	LIC9W350 UNI	6	-	9	W
	LIC9W450 UNI	6	-	9	W
	LIC9W500 UNI	6	-	9	W
	LIC9W600 UNI	6	-	9	W
	LIC9W700 UNI	6	-	9	W
THD		-	-	20	%
Efficiency	Full Load	-	80	-	%
Standby Power		-	-	1	W
Rise Time		-	500	-	ms
Start-up Delay		-	500	-	ms
Ripple current	LIC9W200 UNI, LIC9W300 UNI	-	80	-	%
	LIC9W350 UNI, LIC9W450 UNI, LIC9W500 UNI, LIC9W600 UNI, LIC9W700 UNI	-	60	-	%
Output Current Overshoot		-	-	40	%
Power Factor	Full Load	-	0.90	-	-
Protection		Short Circuit Protection			
		Overload Protection			
		Overheat Protection			

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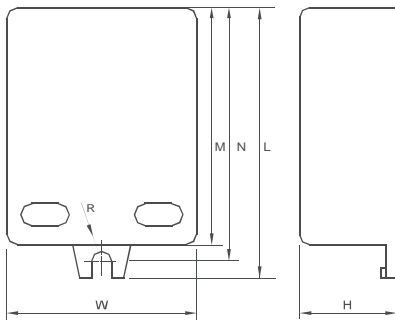
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Electronic

Parameter	Conditions	Min	Nom	Max	Unit
RoHS Standard			Compliant		
Case Temp. (Tc)	LIC9W200 UNI, LIC9W300 UNI, LIC9W350 UNI, LIC9W600 UNI, LIC9W700 UNI			80	°C
	LIC9W450 UNI, LIC9W500 UNI	-	-	85	°C
External Operating Temperature		-20	-	+50	°C
Operating humidity range		10	-	90	%
Storage Temp. range		-25	-	+85	°C
Lifetime	at Max Case hot spot Temperature	-	-	30,000	hrs
Case Dimensions	L x W x H	58.1	39.1	20	mm

Physical

Parameter



L : 58.1 mm H : 20 mm
 M : 51.1 mm R : 2.1 mm
 N : 54.6 mm
 W : 39.1 mm

Tolerance : $\geq 0 \sim 100 \geq \pm 0.5 \text{ mm}$
 $100 \geq \pm 1 \text{ mm}$

Slot On One Side Allowing Alignment : $M \pm 3 \text{ mm}$

Terminal Block : PRI : Screw Type
 SEC : Screw Type

Housing Material : Polycarbonate

Soldering : Lead-Free, Comply With RoHS

Label : Surface Print

Wiring Diagram

