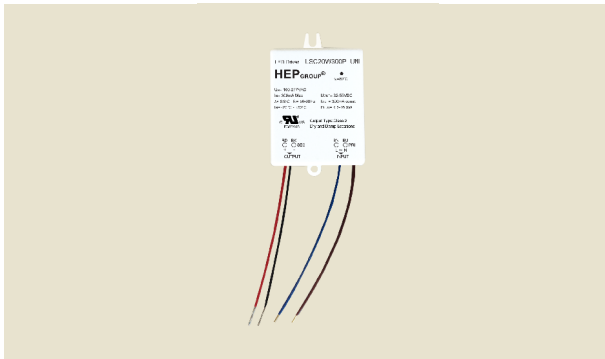


Constant Current LED Driver



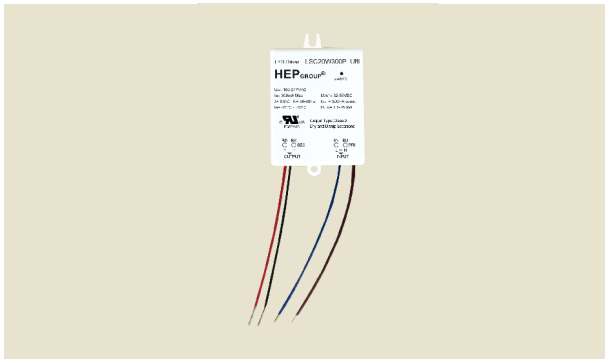
Approval Marks



Electronic

Parameter	Conditions	Min	Nom	Max	Unit
Rated Input Voltage		90	100-277	304	Vac
Input Frequency		47	50-60	63	Hz
Input Current	LSC20W250P UNI Full Load@ 100/230VAC	-	-	170/100	mA
	LSC20W300P UNI Full Load@ 100/230VAC	-	-	200/100	mA
	LSC20W350P UNI Full Load@ 100/230VAC	-	-	240/120	mA
	LSC20W500LP UNI Full Load@ 100/230VAC	-	-	180/100	mA
	LSC20W500HP UNI Full Load@ 100/230VAC	-	-	280/130	mA
	LSC20W700P UNI Full Load@ 100/230VAC	-	-	260/130	mA
Output Voltage Range	LSC20W250P UNI	32	-	55	Vdc
	LSC20W300P UNI	32	-	55	Vdc
	LSC20W350P UNI	32	-	55	Vdc
	LSC20W500LP UNI	12	-	28	Vdc
	LSC20W500HP UNI	24	-	45	Vdc
	LSC20W700P UNI	11	-	28	Vdc
Output Current Range	LSC20W250P UNI	230	250	275	mA
	LSC20W300P UNI	285	300	315	mA
	LSC20W350P UNI	332	350	368	mA
	LSC20W500LP UNI	475	500	525	mA
	LSC20W500HP UNI	475	500	525	mA
	LSC20W700P UNI	665	700	735	mA
Rated Output Power	LSC20W250P UNI	8	-	13.7	W
	LSC20W300P UNI	9.6	-	16.5	W
	LSC20W350P UNI	11	-	19.3	W
	LSC20W500LP UNI	6	-	14	W
	LSC20W500HP UNI	12	-	22.5	W
	LSC20W700P UNI	7.7	-	19.6	W
THD		-	-	20	%
Efficiency	Full Load	-	84	-	%
Standby Power		-	0.5	-	W
Rise Time		-	500	-	ms
Start-up Delay	(500ms at 240Vac and 277Vac)	-	500	1000	ms
Ripple Current	peak to peak @ full load	-	40	-	%
Output Current Overshoot		-	-	40	%
Power Factor	LSC20W300P UNI, LSC20W350P UNI, LSC20W500HP UNI, LSC20W700P UNI Full Load(100/240Vac)	0.90	-	-	-
	LSC20W500LP UNI Full Load(100/240Vac)	0.85	-	-	-
	LSC20W250P UNI Full Load(100/240Vac)	0.80	-	-	-
Protection		Short Circuit Protection			
		Overload Protection			
		Overheat Protection			
RoHS Standard		Compliant			

Constant Current LED Driver



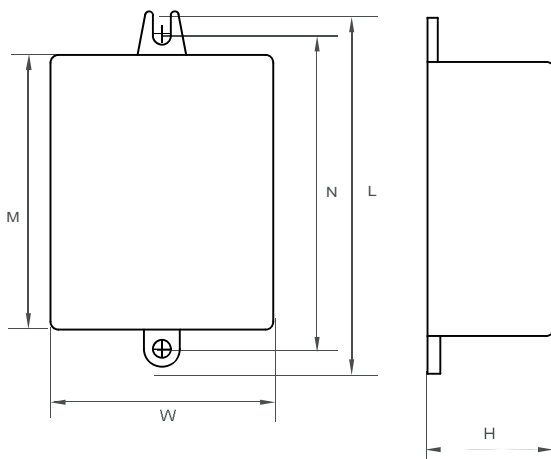
Approval Marks



Electronic

Parameter	Conditions	Min	Nom	Max	Unit
Case Temp. (Tc)	LSC20W250P UNI	-	-	75	°C
	LSC20W300P UNI	-	-	80	°C
	LSC20W350P UNI	-	-	85	°C
	LSC20W500LP UNI	-	-	65	°C
	LSC20W500HP UNI	-	-	90	°C
	LSC20W700P 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	-	-	50,000	hrs
Case Dimensions	L x W x H	69.3	43.5	24.6	mm

Physical Parameter



L : 69.3 mm W: 43.5 mm
 M : 53.5 mm H : 24.6 mm
 N : 61 mm

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

Hard Wires : PRI Blue / Brown AWG#18
 SEC Red / Black AWG#22

Housing Material : Polycarbonate / Full Potting
 Soldering : Lead-Free, Comply With RoHS
 Label : Surface Print

Wiring Diagram

