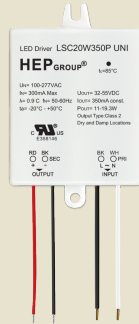


Constant Current LED Driver



Approval Marks



Application Site:
Dry & Damp location

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	-	-	300/100	mA	
	LSC20W300P UNI	Full Load@100/230VAC	-	-	300/100	mA	
	LSC20W350P UNI	Full Load@100/230VAC	-	-	300/120	mA	
	LSC20W500LP UNI	Full Load@100/230VAC	-	-	300/100	mA	
	LSC20W500HP UNI	Full Load@100/230VAC	-	-	300/130	mA	
	LSC20W700P UNI	Full Load@100/230VAC	-	-	300/130	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	@ 100-240VAC	332	350	360	mA	
	LSC20W350P UNI	@ 240-277VAC	332	350	380	mA	
	LSC20W500LP UNI		475	500	525	mA	
	LSC20W500HP UNI	@ 100-240VAC	475	500	525	mA	
	LSC20W500HP UNI	@ 240-277VAC	475	500	530	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	-	%
No Load Power			@ 100/230VAC	-	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	-	-	-	

Constant Current LED Driver



Approval Marks

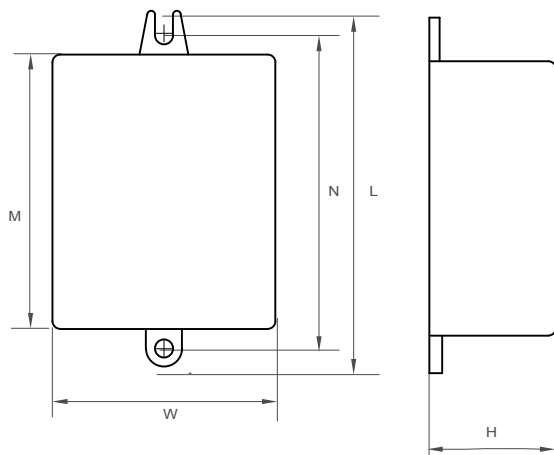


Application Site:
Dry & Damp location

Electronic

Parameter	Conditions	Min	Nom	Max	Unit
Protection		Short Circuit Protection			
		Overload Protection			
		Overheat Protection			
RoHS Standard		Compliant			
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 : $\geq 0 \sim 100 \geq +/0.5\text{mm}$
 $100 \geq +/1 \text{ mm}$

Hard Wires : PRI Black / White 1332#18,155mm
SEC Red / Black 1332#22,180mm

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

Wiring Diagram

