

### Constant Current Dimmable LED Driver



**Approval Marks**



Australia Certificate No. : TUV017138EA

**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		120	-	277	Vac
Input Frequency		47	50-60	63	Hz
Input Power	High Power LED	-	-	25	W
Input Current	@100Vac	-	-	250	mA
Sink Current		-	-	1	mA
Output Voltage Range	LBC20W350-1CZ UNI	-	36-55.7	-	Vdc
	LBC20W450-1CZ UNI	-	28-44	-	Vdc
	LBC20W500-1CZ UNI	-	26-40	-	Vdc
	LBC20W550-1CZ UNI	-	24-36	-	Vdc
	LBC20W600-1CZ UNI	-	21-30	-	Vdc
	LBC20W700-1CZ UNI	-	18-28	-	Vdc
Output Current Range	LBC20W350-1CZ UNI	332	350	368	mA
	LBC20W450-1CZ UNI	427	450	472	mA
	LBC20W500-1CZ UNI	475	500	525	mA
	LBC20W550-1CZ UNI	522	550	572	mA
	LBC20W600-1CZ UNI	570	600	630	mA
	LBC20W700-1CZ UNI	665	700	735	mA
Rated Output Power	LBC20W350-1CZ UNI	-	12.6-19.5	-	W
	LBC20W450-1CZ UNI	-	12.6-19.8	-	W
	LBC20W500-1CZ UNI	-	13-20	-	W
	LBC20W550-1CZ UNI	-	13.2-19.8	-	W
	LBC20W600-1CZ UNI	-	12.6-18	-	W
	LBC20W700-1CZ UNI	-	12.6-19.6	-	W
THD		-	-	20	%
Efficiency	Full Load	80	-	-	%
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	
Case Temperature(Tc)		-	-	+85	°C
External Operating Temperature		-20	-	+50	°C
Operating Humidity Range		10	-	95	%
Storage Temp. Range		-40	-	+85	°C
Lifetime	at Max Case Hot Spot Temperature	-	50,000	-	hrs
Dimming Type				1-10V Dimming	
Dimming Range		10	-	100	%
Case Dimensions	Independent Type	116.4	44	30	mm

