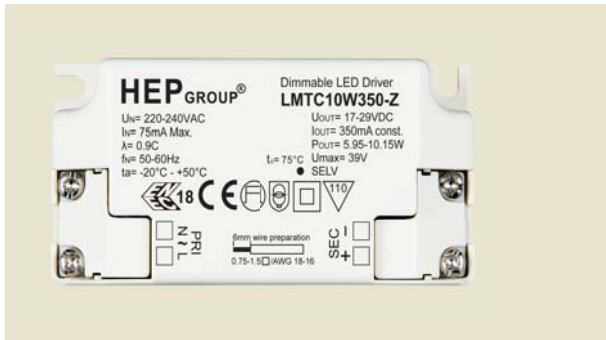


Triac Dimming LED Driver



Approval Marks



Australia Certificate No. : TUV16776EA

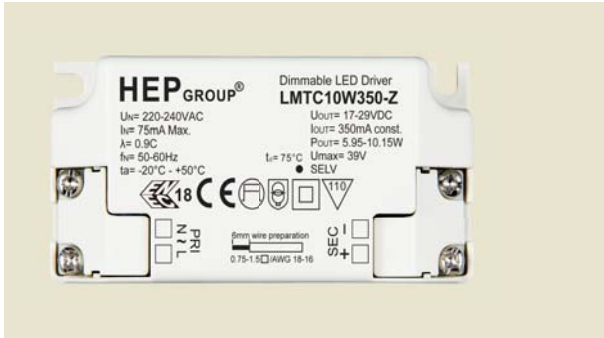
Certified

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		220	230	240	Vac
Input Frequency		47	50-60	63	Hz
Input Power	High Power LED	-	14	-	W
Input current	@230Vac	-	-	75	mA
Output Voltage Range	LMTC10W200-Z	29	-	44	Vdc
	LMTC10W250-Z	26	-	40	Vdc
	LMTC10W350-Z	17	-	29	Vdc
	LMTC10W450-Z	12	-	20	Vdc
	LMTC10W500-Z	12	-	20	Vdc
	LMTC10W600-Z	8.5	-	14.5	Vdc
	LMTC10W700-Z	8.5	-	14.5	Vdc
Output Currntn Range	LMTC10W200-Z	190	200	210	mA
	LMTC10W250-Z	237	250	263	mA
	LMTC10W350-Z	332	350	368	mA
	LMTC10W450-Z	427	450	473	mA
	LMTC10W500-Z	475	500	525	mA
	LMTC10W600-Z	570	600	630	mA
	LMTC10W700-Z	665	700	735	mA
Rated Output power	LMTC10W200-Z	5.8	-	8.8	W
	LMTC10W250-Z	6.5	-	10	W
	LMTC10W350-Z	5.95	-	10.15	W
	LMTC10W450-Z	5.4	-	9	W
	LMTC10W500-Z	6	-	10	W
	LMTC10W600-Z	5.1	-	8.7	W
	LMTC10W700-Z	5.95	-	10.15	W
THD		-	-	20	%
Efficiency	Full Load	75	-	-	%
Standby Power	No load @230Vac	-	-	0.5	W
Rise Time		-	-	500	ms
Start-up Delay		-	-	500	ms
Output Current Overshoot		-	-	20	%
Ripple current	peak to peak @ full load	-	40	-	%
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		
Case Temperature(Tc)	LMTC10W200-Z,LMTC10W250-Z,LMTC10W350-Z	-	-	+75	°C
	LMTC10W450-Z,LMTC10W500-Z	-	-	+80	°C
	LMTC10W600-Z,LMTC10W700-Z	-	-	+85	°C
External Operating Temperature		-20	-	+50	°C
Operating humidity range		10	-	95	%
Storage Temp. range		-40	-	+85	°C
Dimming Type			Triac dimming		

Triac Dimming LED Driver



Approval Marks



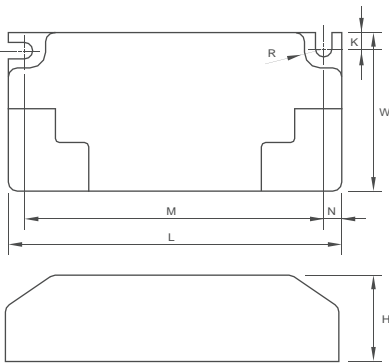
Certified

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

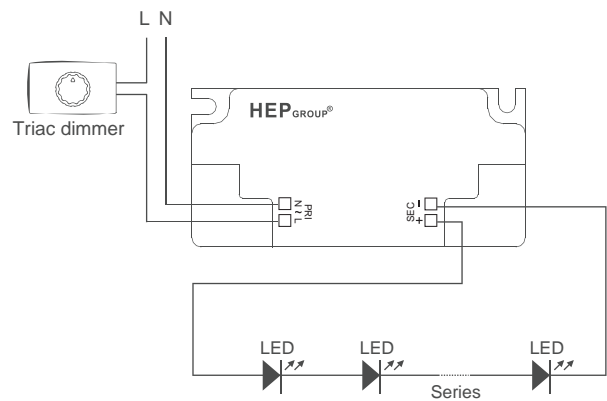
Parameter	Conditions	Min	Nom	Max	Unit
Dimming Range		10	-	100	%
Lifetime	at Max Case hot spot Temperature	-	50,000	-	hrs
Case Dimensions	LxWxH	85	40.4	22	mm

**Physical
Parameter**



- L : 85 mm H : 22 mm
- M : 76.4 mm K : 4.0 mm
- N : 4.6 mm R : 2.1 mm
- W : 40.4 mm Slot On One Side Allowing Alignment : M+/-3 mm
- Tolerance : $\geq 0 \sim 100 \geq +/ -0.5\text{mm}$
 $100 \geq +/ -1 \text{ mm}$
- Terminal Block : PRI : Screw Type
 SEC : Screw Type
- Housing Material : Polycarbonate
- Soldering : Lead-Free, Comply With RoHS
- Label : Surface Print

Wiring Diagram



The length of wire from output to luminaire should be less than 2M

The following list demonstrates the compatible phase dimmers working on the driver. Please be noted the minimum LED load connected to output of the driver should not be less than 7.5W. In case the connected LED load is less than 7.5W, it may cause LED flickering.

1. Leading Edge Dimmer list approved by HEP

Manufacturer	Model
HPM	CAT400L
JUNG	266 GDE
MK Electric	DW480
Schneider	X3104-WH
Schneider	SBD-SPL
HPM	CAT300E
Legrand	5734 62
KIWI Electronics	K010L
North-West	M1500
CLIPSAL	32V500

2. Trailing Edge Dimmer list approved by HEP

Manufacturer	Model
Schneider	CCTSE12011
CLIPSAL	32E450UDM
HPM	CAT400T
Berker	2874
Busch	6513U-102
JUNG	225 TDE
Merten	SBD315RC
CLIPSAL	32E450TM