



Approval Marks



Item		Value	Remark
Input	Nominal voltage	220-240V	
	Nominal frequency	50-60Hz	
	AC voltage range	198-264V	
	DC voltage range (start)	NA	
	DC voltage range (operation)	NA	
	Nominal current		
	LETC42W1050LR-Z	230mA	
	LETC42W1000LR-Z	220mA	
	LETC42W900LR-Z	200mA	
	LETC42W700LR-Z	210mA	
	Total Harmonic Distortion (THD)	< 20%	Full load @230VAC
	Power factor	0.95-0.98	Full load @230VAC
	Displacement factor	0.95-0.98	Full load @230VAC
	Efficiency	89% (Typ.)	Full load @230VAC
	No-load power	NA	
	Stand-by power	NA	
	Protection class	II	Suitable for class II luminaires
	Inrush current	12A / 50us	Full load @230VAC
	Max.units per circuit breaker	Type B , 10A MCB	17
		Type B , 16A MCB	28
		Type C , 10A MCB	22
		Type C , 16A MCB	35
	Earth leakage current	NA	
Output	Nominal voltage range		
	LETC42W900/1000/1050LR-Z	25-40Vdc	
	LETC42W700LR-Z	32-54Vdc	
	Maximum voltage		
	LETC42W900/1000/1050LR-Z	53Vdc	
	LETC42W700LR-Z	60Vdc	
	Nominal current range		Full load @230VAC
	LETC42W1050LR-Z	1050mA	
	LETC42W1000LR-Z	1000mA	
	LETC42W900LR-Z	900mA	
	LETC42W700LR-Z	700mA	

	Item	Value	Remark
Output	Current accuracy	± 5%	
	Typical output LF current ripple	± 4%	Low Frequency< 120Hz Full load @230VAC
	SVM	≤ 0.4	Full load @230VAC
	PstLM	≤ 1	Full load @230VAC
	Nominal power range		
	LETC42W1050LR-Z	26.3-42W	
	LETC42W1000LR-Z	25-40W	
	LETC42W900LR-Z	22.5-36W	
	LETC42W700LR-Z	22.4-37.8W	
	Maximum power	42W	
Dimming	Dimming control	Trailing Edge	
	Dimming range	10-100%	
	Lowest dimming current	0.5-6%	
	Dimming technique	Amplitude	
	PWM frequency	NA	
	Galvanic isolation	NA	
Environment	Ambient temperature range t _a	-20°C - +45°C	
	Maximum case temperature t _c	80°C	
	Max. case temp. in fault condition	110°C	When operating under fault conditions, the temperature of the enclosure at any location should not exceed 110 °C
	Storage temperature range	-30°C - +80°C	
	Relative humidity	10% - 95%	
	Surge transient protection	1 kV	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	
	Expected lifetime	> 40,000 h, t _c 80 °C @ t _a 45 °C > 80000 h, t _c 70 °C @ t _a 35 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
Packing	Gross weight/box	12.0 kg	
	Net weight/box	10.8 kg	
	Pcs/box	90 PCS	
	Dimension/box	490(L)*270(W)*225(H)mm	
Protections			
	Short-circuit Protection	Auto recovery	
	Open-circuit Protection	Auto recovery	
	Overload Protection	Auto recovery	
Conformity & Standards			
	Safety standard:	EN 61347-1, EN 61347-2-13, EN 62493	
	Performance:	EN 62384	
	EMC standard:	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547	
Cable information			
PRI Connection			
	Cable cross-section	0.5-1.5□/AWG 20-16	
	Stripping	9mm	
	Pull test cable type	H03VV(H2)-F 2x0,75-1,0 mm ² ,H05VV(H2)-F 2x0,75-1,0 mm ²	

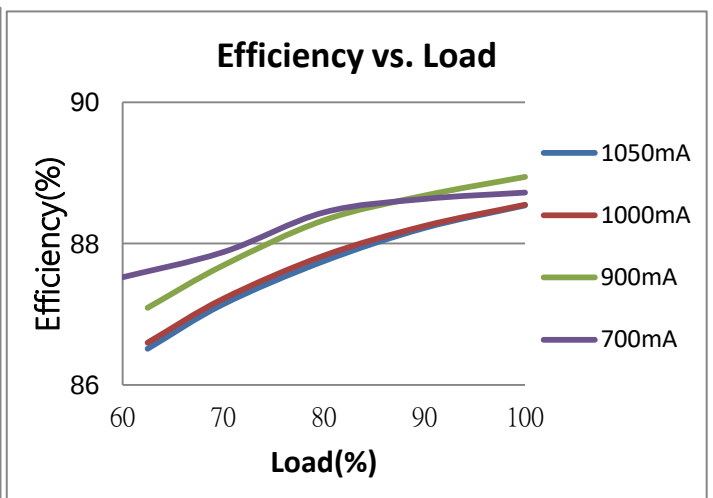
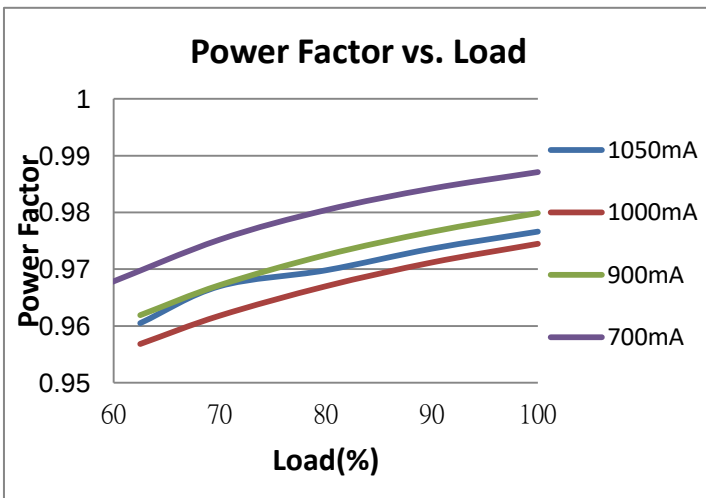
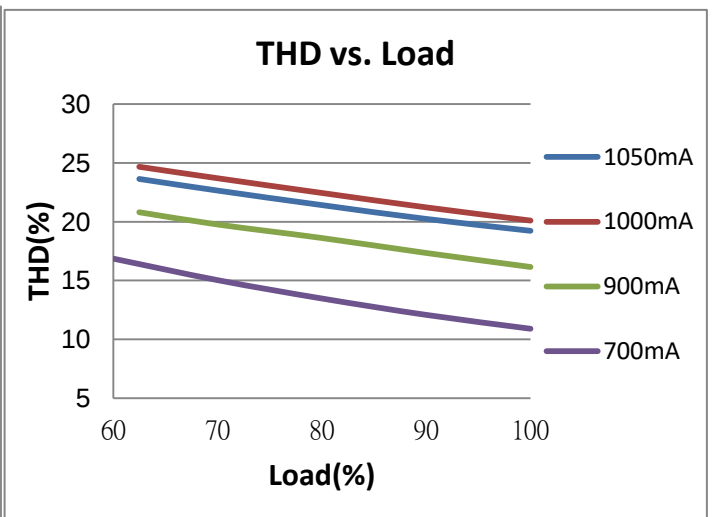
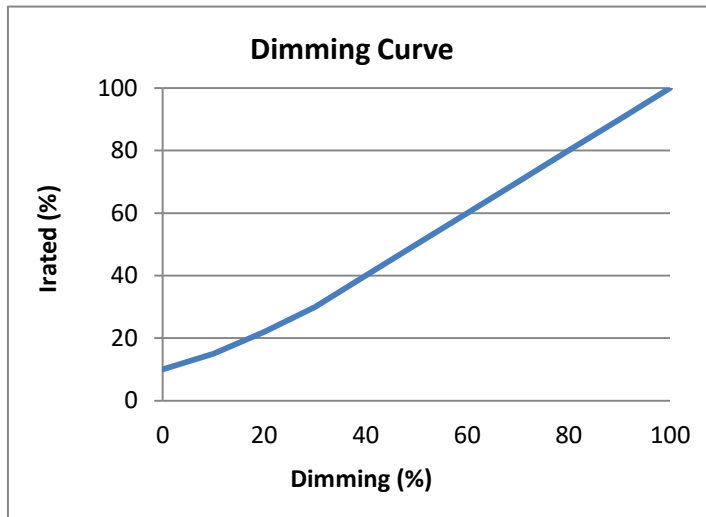
Item	Value	Remark
SEC Connection (Red/Black)		
Cable cross-section	0.5-1.5□/AWG 20-16	
Stripping	9mm	
Terminal information		
PRI Push button/Angled Entry		
SEC Push button/Angled Entry (Red/Black)		

Subject to change without notice, HEP guarantees all products perform functionally well

* If not mentioned, all the test conditions are based on full load at 230VAC input (for 220-240 VAC input).

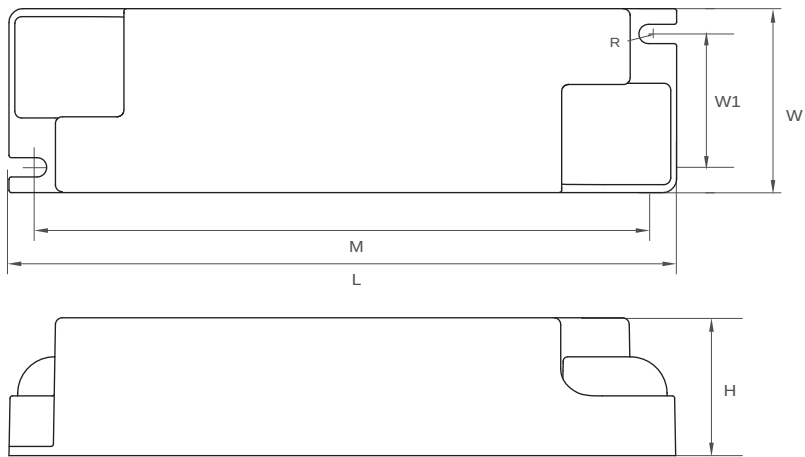
Trailing Edge Dimmer list approved by HEP

Manufacturer	Model	Q'ty of parallelconnection
Philips	SED-200A	4
Merten/Schneider	SBD315RC	6
Etman	ETM327	6
Etman	ETM329	6
Busch	6523 UR-103	7
Busch	6523 U-102	7
Niko	310-0190X	3
JUNG	LB-Management	2
Merten	SBD200LED(MEG5134-0000)	3
AU	P3	4
CASAMBI	CBU-TED	2



Physical

Parameter



L : 145 mm W : 40 mm H : 30 mm
M : 132.8 mm W1 : 29 mm R : 2.1 mm

Slot On One Side Allowing Alignment : M $\pm$ 3 mm
Tolerance : $\pm$ 1 mm , R : $\pm$ 0.5 mm
Housing Material : Polycarbonate
Soldering : Lead-Free, Comply With RoHS
Label : Surface Print

Wiring Diagram

