



Item	Value	Remark
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		Full load @230VAC
LETC10W200LR-Z	52mA	
LETC10W250LR-Z	62mA	
LETC10W300LR-Z	49mA	
LETC10W350LR-Z	57mA	
LETC10W450LR-Z	57mA	
LETC10W500LR-Z	63mA	
Total Harmonic Distortion (THD)	< 20%	Full load @230VAC
Power factor		Full load @230VAC
Input	LETC10W200/300LR-Z	0.7-0.9C
	LETC10W250LR-Z	0.9C-0.96
	LETC10W350LR-Z	0.88C-0.97
	LETC10W450LR-Z	0.8-0.9C
	LETC10W550LR-Z	0.83-0.94C
Displacement factor		Full load @230VAC
LETC10W200/300LR-Z	0.7-0.9C	
LETC10W250LR-Z	0.9C-0.96	
LETC10W350LR-Z	0.88C-0.97	
LETC10W450LR-Z	0.8-0.9C	
LETC10W550LR-Z	0.83-0.94C	
Efficiency		Full load @230VAC
LETC10W200LR-Z	83%(Typ.)	
LETC10W250LR-Z	84%(Typ.)	
LETC10W300LR-Z	82%(Typ.)	
LETC10W350LR-Z	83%(Typ.)	
LETC10W450LR-Z	82%(Typ.)	
LETC10W500LR-Z	82%(Typ.)	

	Item	Value	Remark
	No-load power	NA	
	Stand-by power	NA	
	Protection class	II	Suitable for class II luminaires
Input	Inrush current	13A / 28us	
		Type B , 10A MCB	63
	Max.units per circuit breaker	Type B , 16A MCB	102
		Type C , 10A MCB	79
		Type C , 16A MCB	127
	Earth leakage current	NA	
Nominal voltage range			
	LETC10W200/250LR-Z	25-42Vdc	
	LETC10W300/350LR-Z	13-26Vdc	
	LETC10W450/500LR-Z	12-21Vdc	
Maximum voltage			
	LETC10W200/250LR-Z	55Vdc	
	LETC10W300/350LR-Z	35Vdc	
	LETC10W450/500LR-Z	28Vdc	
Nominal current range			
Output	LETC10W200LR-Z	200mA	
	LETC10W250LR-Z	250mA	
	LETC10W300LR-Z	300mA	
	LETC10W350LR-Z	350mA	
	LETC10W450LR-Z	450mA	
	LETC10W500LR-Z	500mA	
	Current accuracy	± 5%	
Typical output LF current ripple	± 5%	Low Frequency< 120Hz Full load @230VAC	
SVM	≤ 0.4	Full load @230VAC	
PstLM	≤ 1	Full load @230VAC	
Starting time	< 0.5 S	Full load @230VAC	
Nominal power range			
	LETC10W200LR-Z	5-8.4W	
	LETC10W250LR-Z	6.3-10.5W	
	LETC10W300LR-Z	3.9-7.8W	
	LETC10W350LR-Z	4.6-9.1W	
	LETC10W450LR-Z	5.4-9.4W	
	LETC10W500LR-Z	6-10.5W	
	Maximum power	10.5W	
Dimming	Dimming control	Trailing edge	
	Dimming range	10-100%	
	Lowest dimming current	1-6%	
	Dimming technique	Amplitude	
	PWM frequency	NA	
	Galvanic isolation	NA	

	Ambient temperature range t_a	-20°C - +45°C	
	Maximum case temperature t_c	65°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
Environment	Storage temperature range	-40°C - +85°C	
	Relative humidity	10% - 90%	
	Surge transient protection	1 kV	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	
	Expected lifetime	> 50,000 h, t_c 65 °C @ t_a 45 °C > 100,000 h, t_c 55 °C @ t_a 35 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
Packing	Gross weight/Carton	11.5 kg	
	Net weight/Carton	10.3 kg	
	Pcs/Carton	132 PCS	
	Dimension/Carton	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
SEC Connection	
Cable cross-section	0.5-1.5□/AWG 20-16
Stripping	9mm

Terminal information

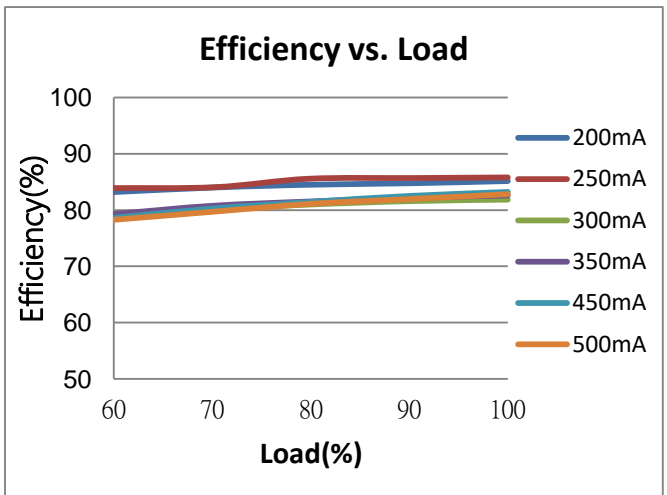
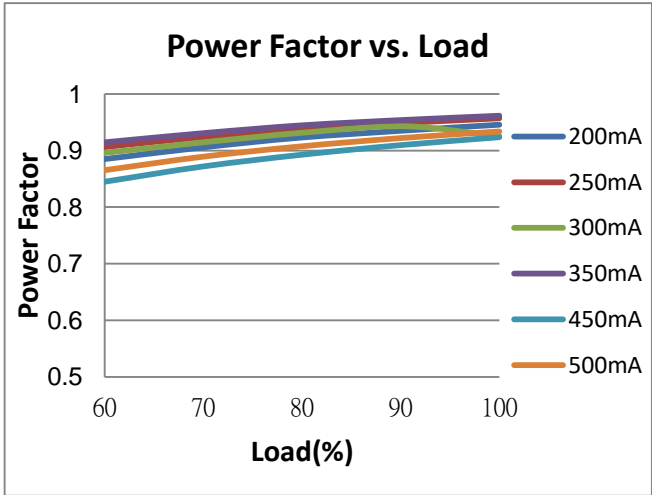
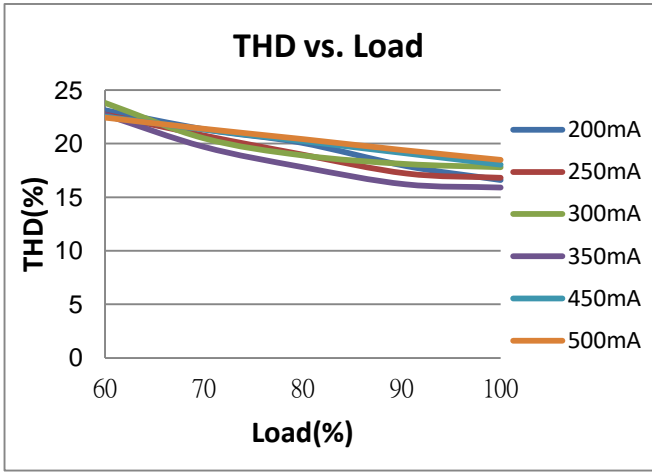
PRI Push button/Angled Entry
SEC Push button/Angled Entry

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).

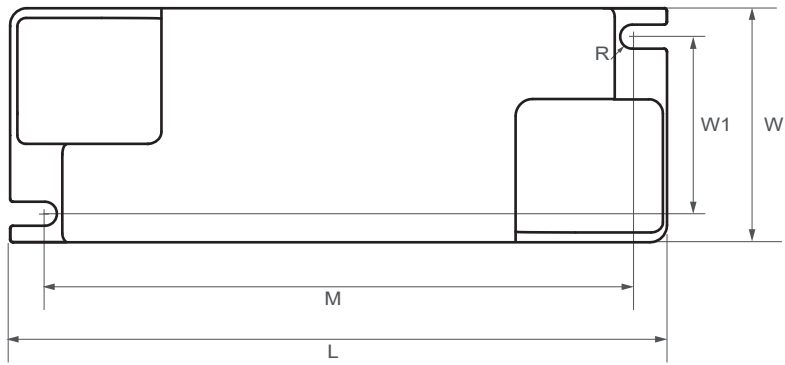
Trailing Edge Dimmer list approved by HEP

Manufacturer	Model	Qty of parallelconnection
Philips	SED-200A	13
Merten/Schneider	SBD315RC	20
Etman	ETM327	20
Etman	ETM329	20
CASAMBI	CBU-TED	6



Physical

Parameter



L : 115 mm W : 41 mm H : 25 mm
M 102.8 mm W1: 31 mm R : 2.1 mm

Slot On One Side Allowing Alignment : $M \pm 3$ mm

Tolerance : ± 1 mm , R : ± 0.5 mm

Housing Material : Polycarbonate

Soldering : Lead-Free, Comply With RoHS

Label : Surface Print

Wiring Diagram

