



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		
LETC15W300LR-Z	72mA	
LETC15W350LR-Z	85mA	
LETC15W500LR-Z	95mA	
Total Harmonic Distortion (THD)	< 20%	Full load @230VAC
Power factor		Full load @230VAC
LETC15W300LR-Z	0.78-0.93C	
LETC15W350LR-Z	0.88C-0.96	
LETC15W500LR-Z	0.86C-0.95	
Input Displacement factor		Full load @230VAC
LETC15W300LR-Z	0.78-0.93C	
LETC15W350LR-Z	0.88C-0.96	
LETC15W500LR-Z	0.86C-0.95	
Efficiency		
LETC15W300/350LR-Z	86%(Typ.)	Full load @230VAC
LETC15W500LR-Z	85%(Typ.)	Full load @230VAC
No-load power	NA	
Stand-by power	NA	
Protection class	II	Suitable for class II luminaires
Inrush current	15A / 28us	
Max.units per circuit breaker	Type B , 10A MCB	42
	Type B , 16A MCB	67
	Type C , 10A MCB	53
	Type C , 16A MCB	84
Earth leakage current	NA	

	Item	Value	Remark
Output	Nominal voltage range		
	LETC15W300/350LR-Z	25-42Vdc	
	LETC15W500LR-Z	17-30Vdc	
	Maximum voltage		
	LETC15W300/350LR-Z	55Vdc	
	LETC15W500LR-Z	40Vdc	
	Nominal current range		
	LETC15W300LR-Z	300mA	
	LETC15W350LR-Z	350mA	
	LETC15W500LR-Z	500mA	
	Current accuracy	± 5%	Full load @230VAC
	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			
LETC15W300LR-Z	7.5-12.6W		
LETC15W350LR-Z	8.8-14.7W		
LETC15W500LR-Z	8.5-15W		
Maximum power	15W		
Dimming	Dimming control	Trailing edge	
	Dimming range	10-100%	
	Lowest dimming current	1-6%	
	Dimming technique	Amplitude	
	PWM frequency	NA	
	Galvanic isolation	NA	
Environment	Ambient temperature range t _a	-20°C - +45°C	
	Maximum case temperature t _c	70°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	-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 70 °C @ t _a 45 °C > 100,000 h, t _c 60 °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
Pull test cable type	H03VV(H2)-F 2x0,75-1,0 m ^{mm} ₂ ,H05VV(H2)-F 2x0,75 m ^{mm} ₂

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

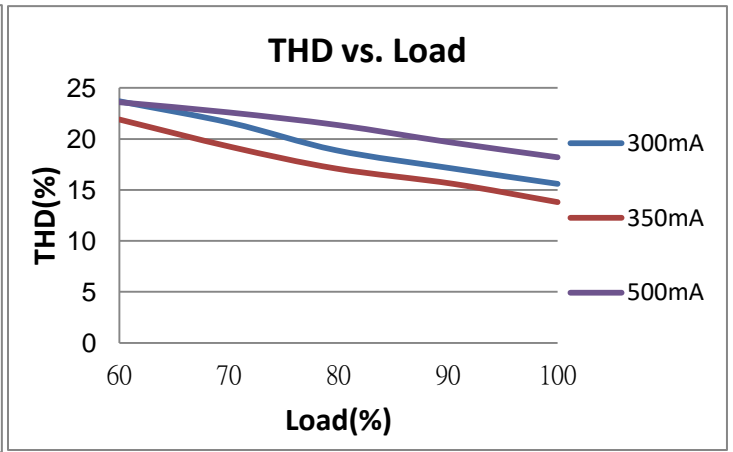
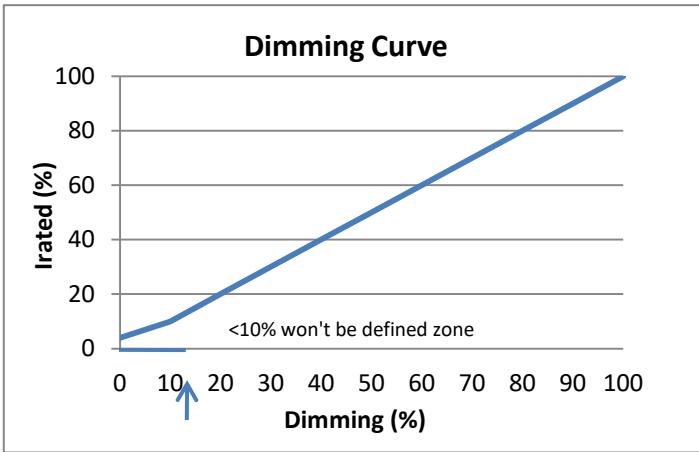
Subject to change without notice, HEP guarantees all products perform functionally well

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

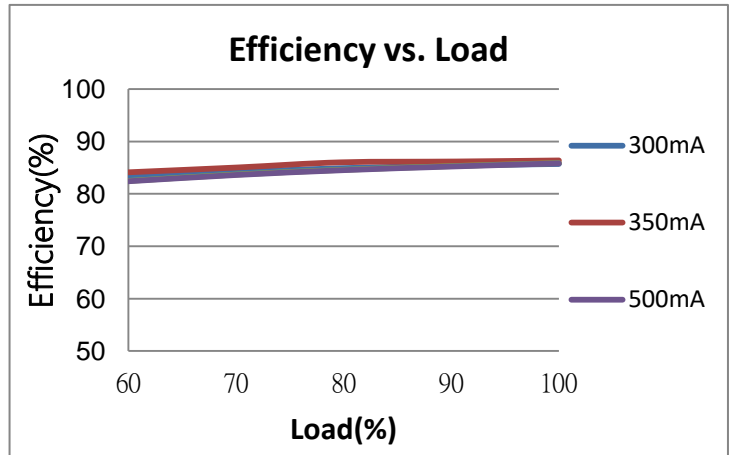
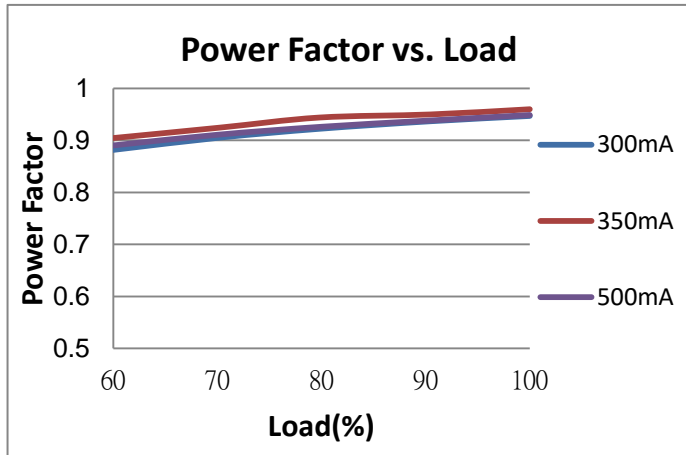
Trailing Edge Dimmer list approved by HEP

Manufacturer	Model	Q'ty of parallelconnection
Philips	SED-200A	11
Merten/Schneider	SBD315RC	15
Etman	ETM327	15
Etman	ETM329	15
Busch	6523 UR-103	16
Busch	6523 U-102	16
Niko	310-0190X	8
AU	P3	10
Casambi	CBU-TED	5

Electrical Values

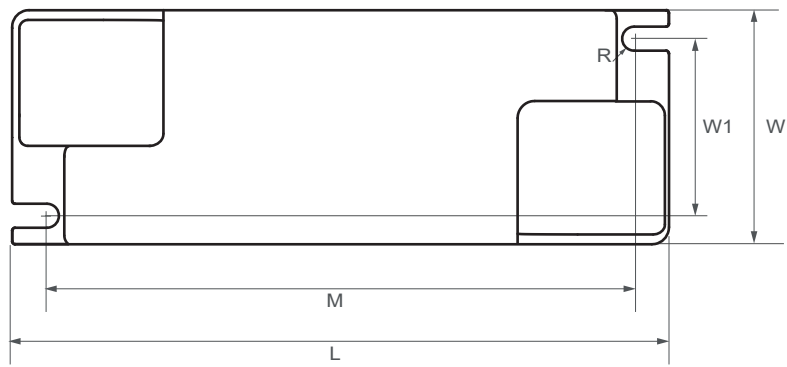


When dimming under 10%,the output current won't be



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

