

### Approval Marks



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	500mA	Full load @230VAC
Total Harmonic Distortion (THD)	< 10%	Full load @230VAC
Power factor	0.95	Full load @230VAC
Displacement factor	0.95	Full load @230VAC
Efficiency	91% (Typ.)	Full load @230VAC
No-load power	NA	
Stand-by power	< 0.5W	
Networked standby power	< 0.5W	
Protection class	II	Suitable for class II luminaires
Inrush current	60A / 250us	
Max.units per circuit breaker	Type B , 10A MCB	8
	Type B , 16A MCB	13
	Type C , 10A MCB	10
	Type C , 16A MCB	16
Earth leakage current	NA	
Nominal voltage range	24Vdc	
Maximum voltage	25Vdc	
Voltage accuracy	± 2.5%	Full load @230VAC
Output LF voltage ripple	± 3%	< 120Hz
SVM	≤ 0.4	Full load @230VAC
PstLM	≤ 1	Full load @230VAC
Starting time	< 0.5S	Full load @230VAC
Nominal power range	5-100W	
Nominal current range	200-4160mA	
Maximum current	4160mA	
Maximum power	100W	

	Item	Value	Remark
<b>Dimming</b>	Dimming control	DALI/Touch Dim	
	Dimming range	1-100%	
	Lowest dimming current	NA	
	Dimming technique	PWM	
	PWM frequency	2KHz	
	Galvanic isolation	Basic insulated to PRI and double insulated to SEC	
<b>Environment</b>	Ambient temperature range $t_a$	-20°C - +50°C	
	Maximum case temperature $t_c$	90°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% - 95%	
	Surge transient protection	1 kV	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	>100,000	
	Expected lifetime	> 50,000 h, $t_c$ 90 °C @ $t_a$ 50 °C > 100000 h, $t_c$ 80 °C @ $t_a$ 40 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
<b>Packing</b>	Gross weight/box	18.5 kg	
	Net weight/box	16.8 kg	
	Pcs/box	42 PCS	
	Dimension/box	490(L)*270(W)*225(H)mm	
<b>Protections</b>			
	Short-circuit Protection	Auto recovery	
	Open-circuit Protection	Auto recovery	
	Overload Protection	Auto recovery	
<b>Conformity &amp; Standards</b>			
	Safety standard:	EN 61347-1, EN 61347-2-13, EN 62493	
	Performance:	EN 62384	
	SAA standard:	AS/NZS 61347.1, AS/NZS IEC 61347.2.13	
	EMC standard:	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547	
	DALI protocol standard:	EN 62386-101, EN 62386-102, EN 62386-207	
<b>Cable information</b>			
<b>PRI</b> Connection			
	Cable cross-section	0.75-2.5□/AWG 18-14	
	Stripping	9mm	
	Pull test cable type	H03VV(H2)-F 2x0,75-1,5 m <sup>2</sup> ,H05VV(H2)-F 2x0,75-1,5 m <sup>2</sup>	
<b>Sec</b> Connection			
	Cable cross-section	0.75-2.5□/AWG 18-14	
	Stripping	9mm	
<b>DALI</b>			
	Cable cross-section	0.75-2.5□/AWG 18-14	
	Stripping	9mm	

**Terminal information**

**PRI** Screwless button

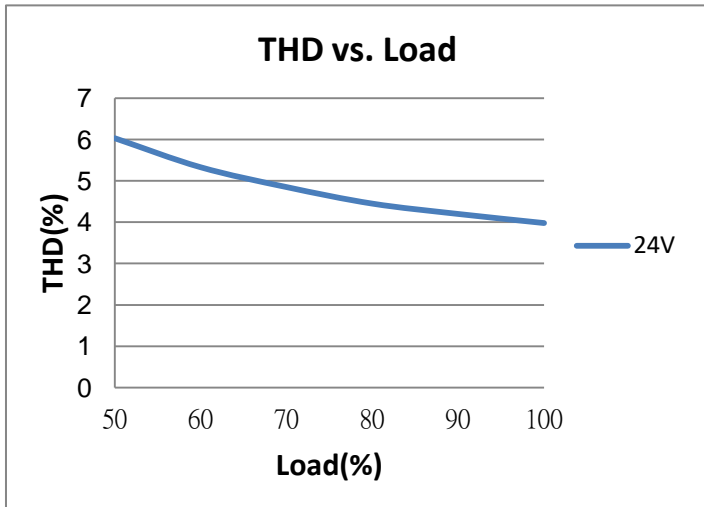
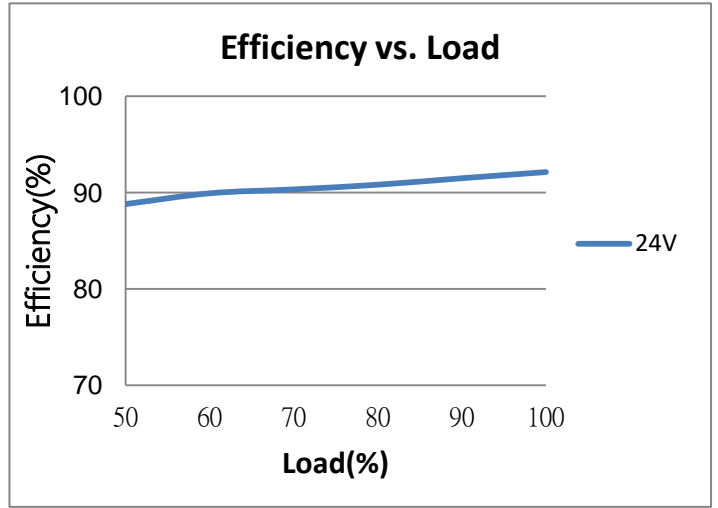
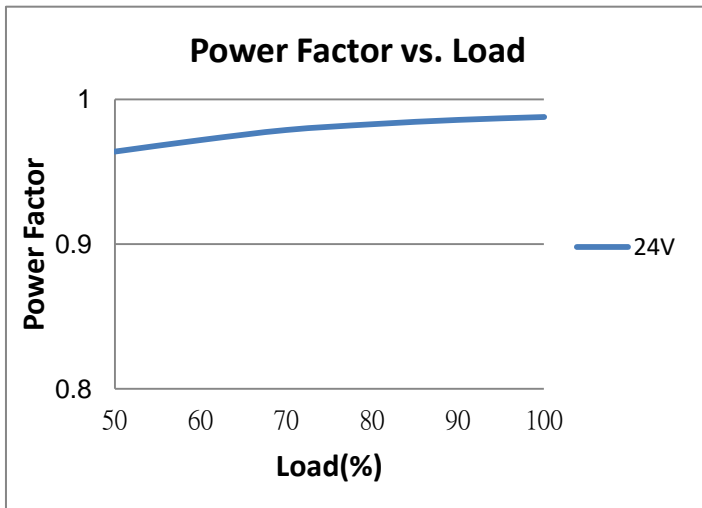
**SEC** Screwless button

**DALI** Screwless button

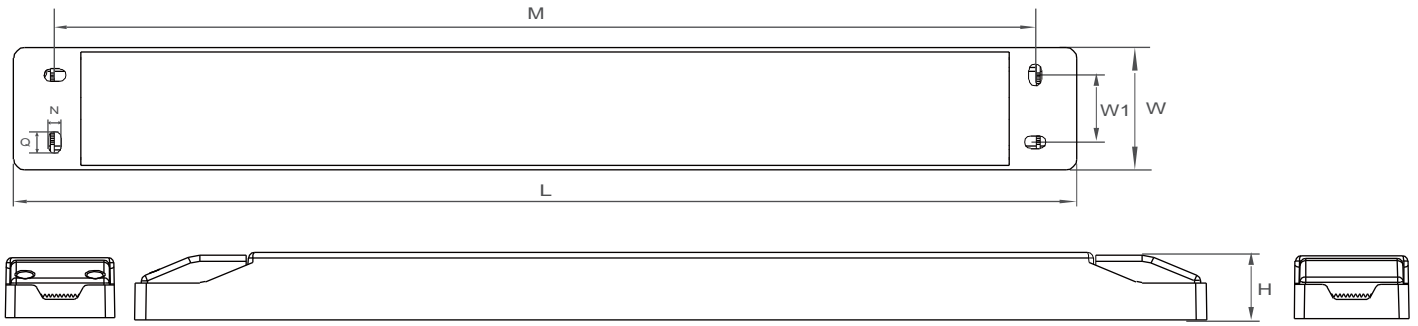
\*Subject to change without notice, HEP guarantees all products perform functionally well\*

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

**Electrical Values**



**Physical Parameter**



L : 347.2 mm M: 320 mm H : 22 mm W: 40 mm  
 W1: 22 mm N : 4.2 mm Q : 7.2 mm

Slot On One Side Allowing Alignment : M+/-3 mm

Tolerance : +/-1 mm

Housing Material : Polycarbonate

Soldering : Lead - Free, Comply With RoHS

Label : Surface Print

**Wiring Diagram**

