

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	320mA	Full load @230VAC
	Total Harmonic Distortion (THD)	< 16%	Full load @230VAC
	Power factor	0.9C (Min.)	Full load @230VAC
	Displacement factor	0.9C (Min.)	Full load @230VAC
	Efficiency	88% (Typ.)	Full load @230VAC
	No-load power	NA	
	Stand-by power	< 0.5W	@230Vac when PUSH or DALI turn off
	Networked standby power	< 0.5W	@230Vac when PUSH or DALI turn off
	Protection class	II	Suitable for class II luminaires
	Inrush current	15 A / 100 μ s	Full load @230VAC
Earth leakage current	NA		
Output	Nominal voltage range		
	@900mA	9-58Vdc	
	@1050mA	9-58Vdc	
	@1200mA	9-50Vdc	
	@1400mA	9-43Vdc	
	@1750mA	9-34Vdc	
	Maximum voltage	68Vdc	
	Nominal current range		
	@900mA	900mA	
	@1050mA	1050mA	
	@1200mA	1200mA	
	@1400mA	1400mA	
	@1750mA	1750mA	
	Current accuracy	\pm 5%	Full load @ 230Vac
	Typical output LF current ripple	\pm 7%	Low Frequency < 120Hz Full load @230VAC
Starting time	< 1 S	Full load @230VAC	

	Item	Value	Remark	
Output	Nominal power range			
	@900mA	8.1-52.2W		
	@1050mA	9.5-60W		
	@1200mA	10.8-60W		
	@1400mA	12.6-60W		
	@1750mA	15.8-60W		
	Maximum power	60W		
Dimming	Dimming control	DALI / Push Dimming / 1-10V		
	Dimming technique	Amplitude		
	PWM frequency	NA		
	Dimming range			
	Primary Push & DALI Dimming	0-100%		
	1-10V Dimming	2-100%		
	Lowest dimming current	0.5-4%		
	Galvanic isolation	The insulation between DALI and primary circuit is basis isolated and to the secondary circuit is double or reinforced insulation. The insulation between 0-10V / 1-10V control and primary circuit is double or reinforced insulated and to the secondary circuit is non-insulated.		
Environment	Ambient temperature range t_a	-25°C - +50°C		
	Maximum case temperature t_c	85°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 - +80°C		
	Relative humidity	85%	Non-condensing	
	Surge transient protection	1kV	L/N	
	Environmental rating	Indoor		
	IP rating	IP20		
	Mains switching cycles	> 10,000		
	Expected lifetime	> 43,800 h, t_c 85 °C @ t_a 50 °C	0.23 % / 1,000 h failure rate	
		> 87,600 h, t_c 75 °C @ t_a 40 °C	0.11 % / 1,000 h failure rate	
	Packing	Gross weight/box	15 kg	
		Net weight/box	14 kg	
Pcs/box		50 PCS		
Dimension/box		430(L)*320(W)*200(H)mm		
Protections				
Short- & open circuit proof, Auto. Overload protection				
Conformity & Standards				
Safety standard:	EN 61347-1, EN 61347-2-13			
Performance:	EN 62384			
EMC standard:	EN55015, EN61547, EN61000-3-2, EN61000-3-3			
DLAI protocol standard:	IEC62386-102,IEC62386-207			

Cable information

PRI Connection

Cable cross-section 0.75-1.5mm²/AWG 18-16

Stripping 9mm

Sec Connection

Cable cross-section 0.75-1.5mm²/AWG 18-16

Stripping 9mm

Terminal information

PRI-Push button

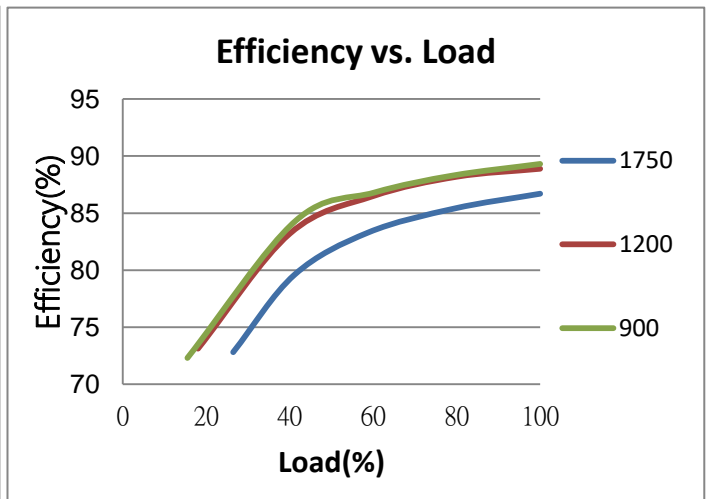
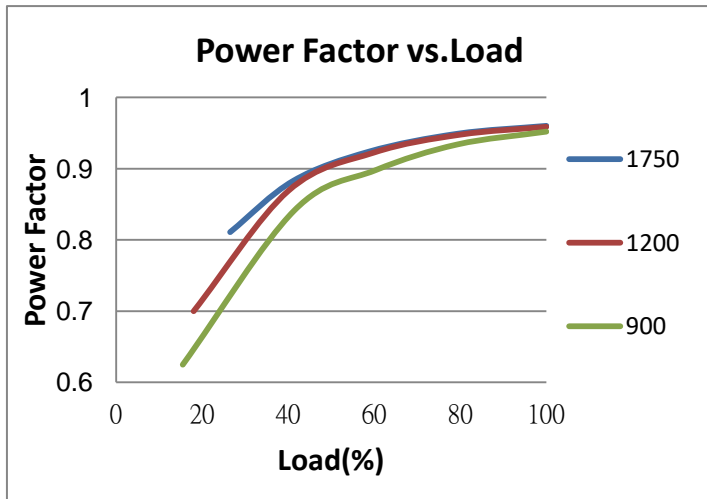
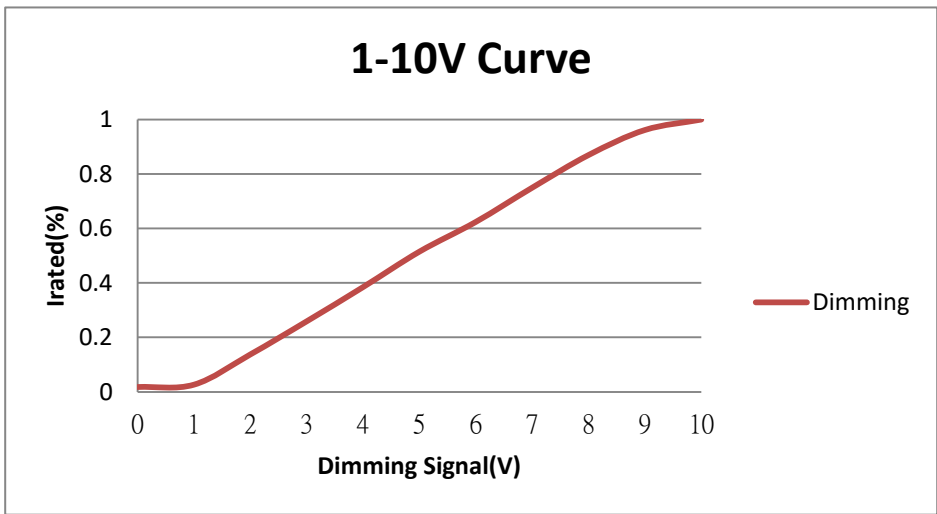
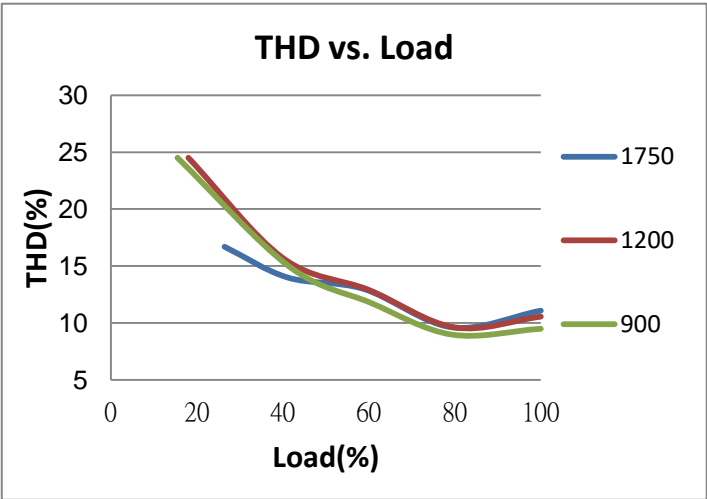
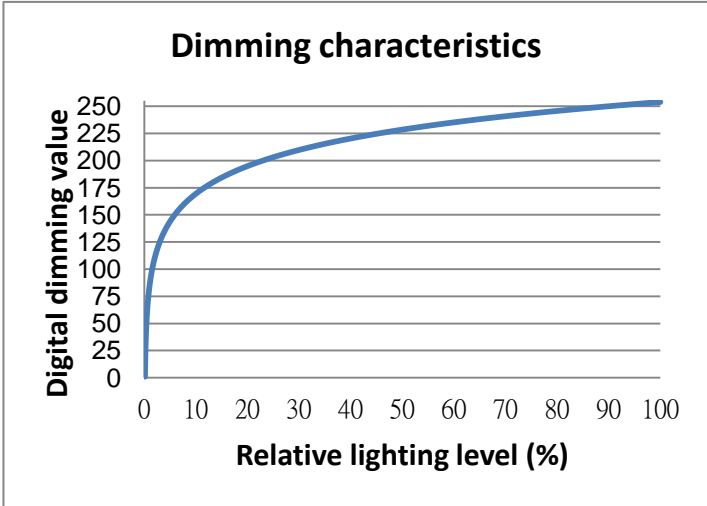
SEC-Push button

DALI-Push button

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

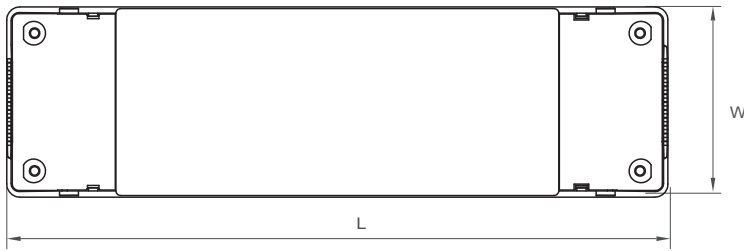
Subject to change without notice, HEP guarantees all products perform functionally well

Electrical Values



Physical

Parameter



L : 201.6 mm W: 58 mm H: 30 mm

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

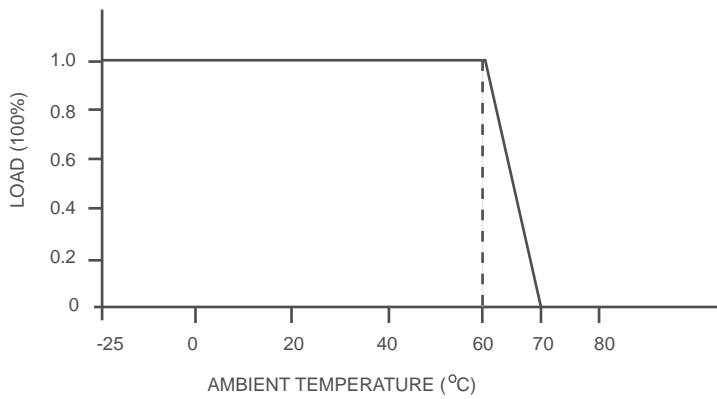
Housing Material : Polycarbonate

Soldering : Lead-Free, Comply With RoHS

Label : Surface Print

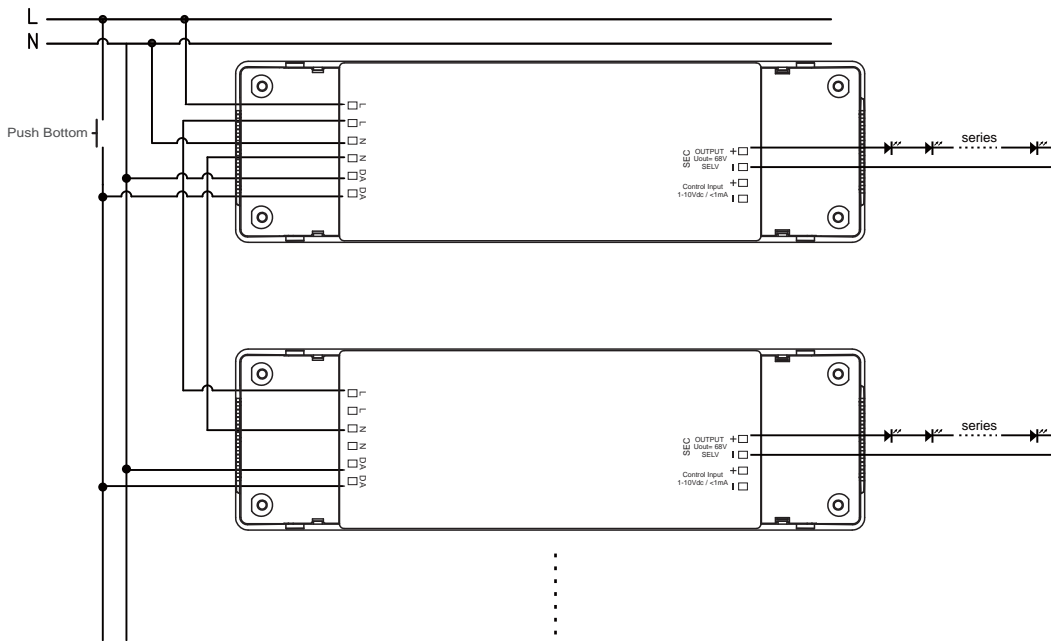


Derating



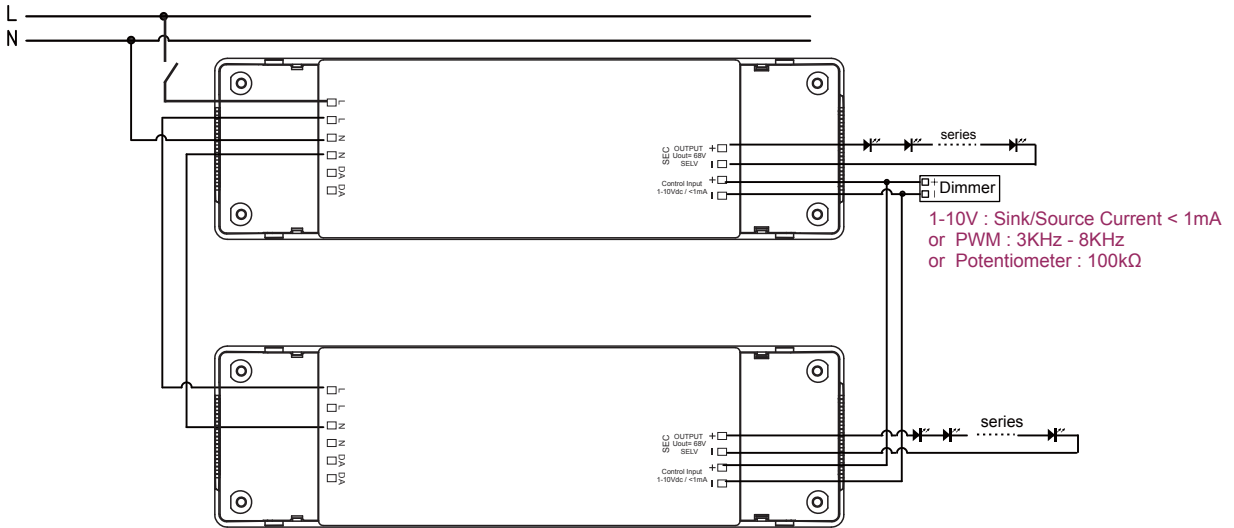
Wiring Diagram

Push Dim



15pcs max.

1-10V Dim



DALI Dim

