



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	120mA	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	85% (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	10 A / 100 μs	Full load @230VAC
Max.units per circuit breaker	Type B , 10A MCB	33
	Type B , 16A MCB	53
	Type C , 10A MCB	42
	Type C , 16A MCB	67
Earth leakage current	NA	
Nominal voltage range	@250mA	9-60Vdc
	@350mA	9-58Vdc
	@500mA	9-42Vdc
	@700mA	9-30Vdc
	Maximum voltage	68Vdc
Nominal current range	@250mA	250mA
	@350mA	350mA
	@500mA	500mA
	@700mA	700mA
	Current accuracy	± 5%
Typical output LF current ripple	± 7%	Low Frequency< 120Hz Full load @230VAC
Starting time	< 1 S	Full load @230VAC

	Item	Value	Remark
Output	Nominal power range		
	@250mA	2.3-15W	
	@350mA	3.2-20.5W	
	@500mA	4.5-21W	
	@700mA	6.3-21W	
	Maximum power	21W	
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%	
	Surge transient protection	1kV	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 10,000	
	Expected lifetime	> 50,000 h, t_c 70 °C @ t_a 50 °C > 100000 h, t_c 60 °C @ t_a 40 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
Packing	Gross weight/box	8.8 kg	
	Net weight/box	8 kg	
	Pcs/box	50 PCS	
	Dimension/box	320(L)*290(W)*195(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	
	Performance:	EN 62384	
	EMC standard:	EN55015,EN61547,EN61000-3-2,EN61000-3-3	
	DALI protocol standard:	IEC62386-102,IEC62386-207	

Cable information

PRI Connection

Cable cross-section	0.75-1.5□/AWG 18-16
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Stripping	9mm
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Pull test cable type	H03VV(H2)-F 2x0,75-1,5 mm ² ,H05VV(H2)-F 2x0,75-1,5 mm ²
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Sec Connection

Cable cross-section	0.75-1.5□/AWG 18-16
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Stripping	9mm
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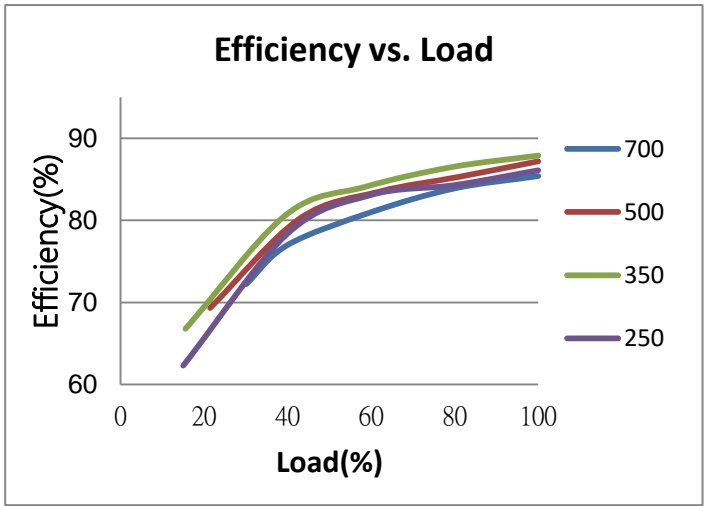
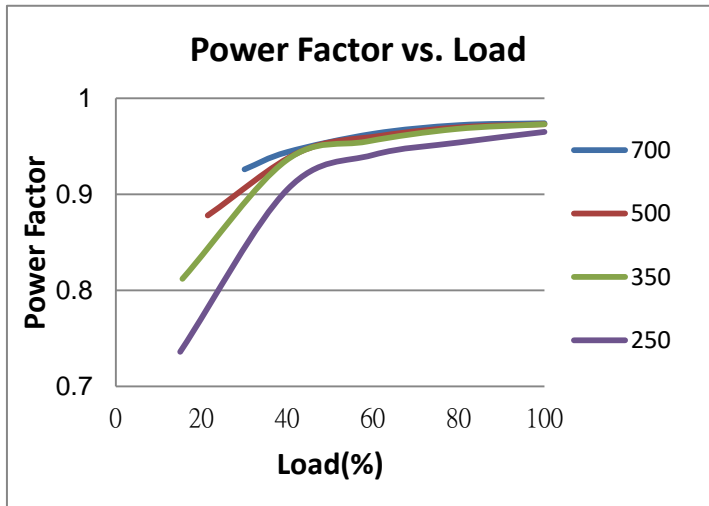
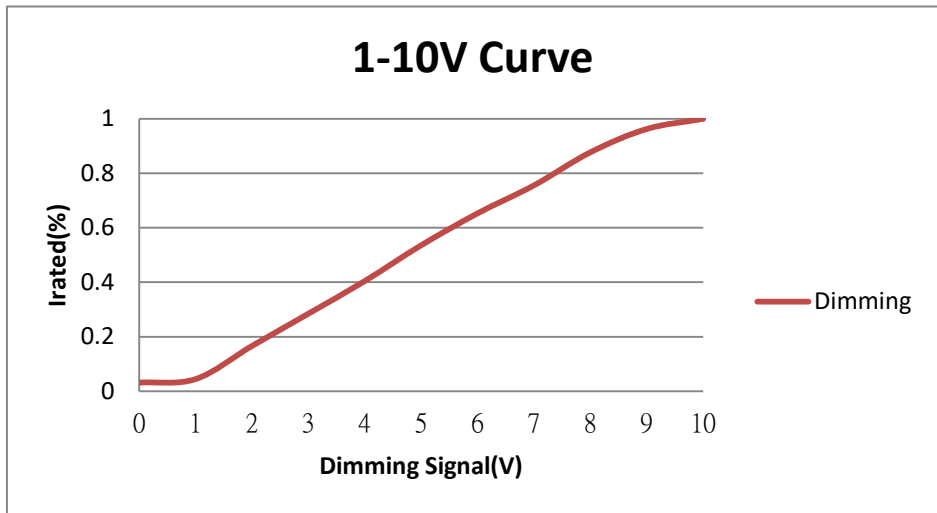
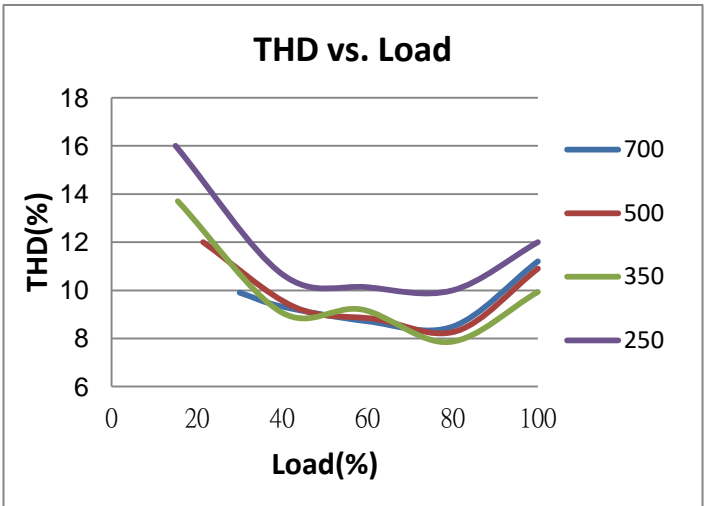
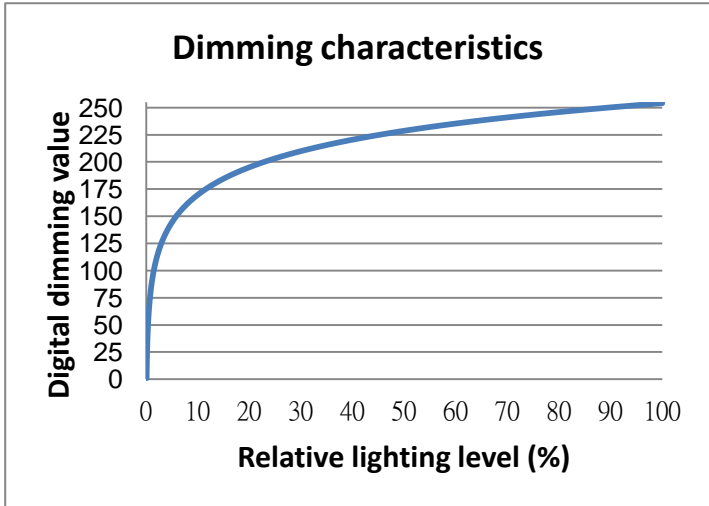
Terminal information

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).

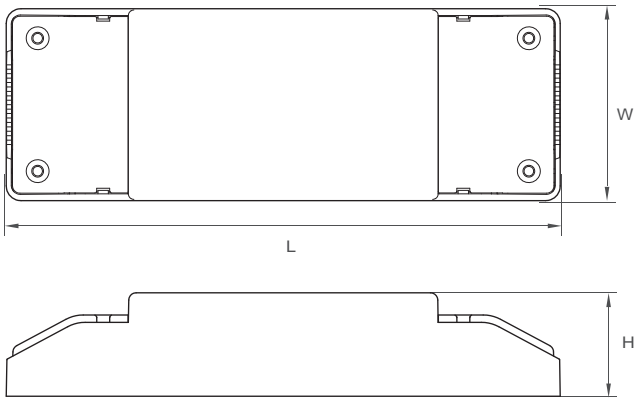
Subject to change without notice, HEP guarantees all products perform functionally well

Electrical Values



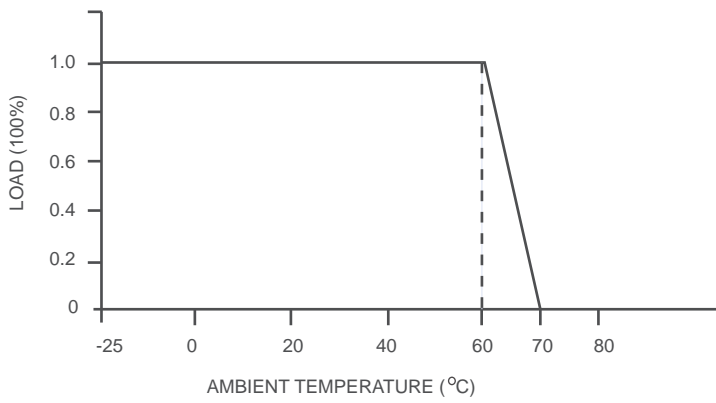
Physical

Parameter



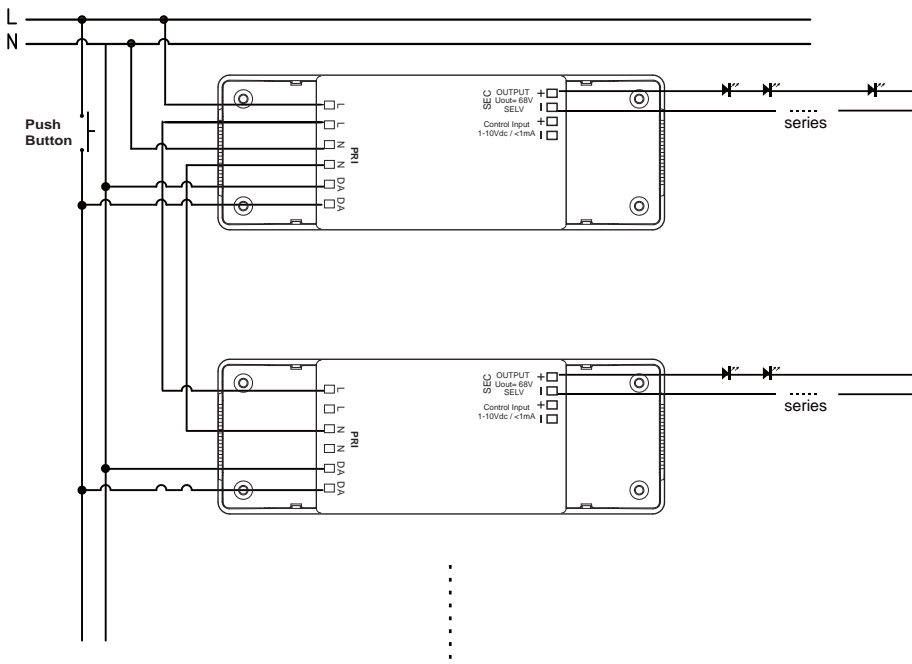
L : 150 mm W: 52 mm H : 28 mm
Tolerance : +/-3 mm

Derating



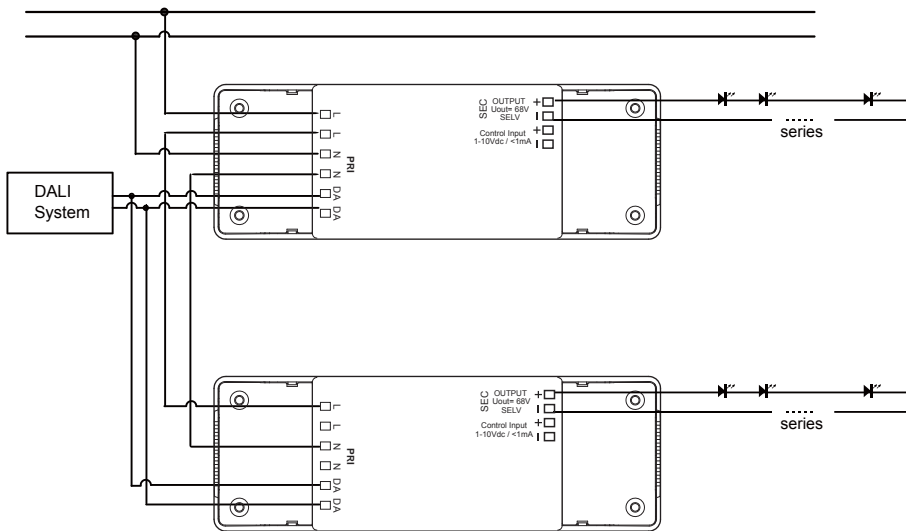
Wiring Diagram

Push Dim



15pcs max.

DALI Dim



1-10V Dim

