



	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	220mA	Full load @230VAC
	Total Harmonic Distortion (THD)	< 20%	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	15 A / 100 μs	Full load @230VAC	
Earth leakage current	NA		
Output	Nominal voltage range		
	@500mA	9-58Vdc	
	@550mA	9-58Vdc	
	@600mA	9-58Vdc	
	@650mA	9-58Vdc	
	@700mA	9-58Vdc	
	@750mA	9-53Vdc	
	@800mA	9-50Vdc	
	@850mA	9-47Vdc	
	@900mA	9-45Vdc	
	@950mA	9-42Vdc	
	@1000mA	9-40Vdc	
@1050mA	9-38Vdc		
Maximum voltage	68Vdc	No load protection	

	Item	Value	Remark
	Nominal current range		
	@500mA	500mA	
	@550mA	550mA	
	@600mA	600mA	
	@650mA	650mA	
	@700mA	700mA	
	@750mA	750mA	
	@800mA	800mA	
	@850mA	850mA	
	@900mA	900mA	
	@950mA	950mA	
	@1000mA	1000mA	
	@1050mA	1050mA	
Output	Current accuracy	± 5%	Full load @ 230Vac
	Typical output LF current ripple	± 7%	Low Frequency < 120Hz Full load @230VAC
	Starting time	< 1 S	Full load @230VAC
	Nominal power range		
	@500mA	4.5-29W	
	@550mA	5-31.9W	
	@600mA	5.4-34.8W	
	@650mA	5.9-37.7W	
	@700mA	6.3-40W	
	@750mA	6.8-40W	
	@800mA	7.2-40W	
	@850mA	7.7-40W	
	@900mA	8.1-40W	
	@950mA	8.6-40W	
	@1000mA	9-40W	
	@1050mA	9.5-40W	
	Maximum power	40W	
	Dimming control	DALI / Push Dimming / 1-10V	
	Dimming technique	Amplitude	
	PWM frequency	NA	
	Dimming range		
Dimming	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	
	Storage temperature range	-40°C - +80°C	

	Item	Value	Remark
Environment	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, tc 85 °C @ ta 50 °C > 87,600 h, tc 75 °C @ ta 40 °C	0.23 % / 1,000 h failure rate 0.11 % / 1,000 h failure rate

Packing	Gross weight/Carton	11.5 kg	
	Net weight/Carton	11 kg	
	Pcs/Carton	50 PCS	
	Dimension/Carton	430(L)*270(W)*175(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
DALI protocol standard:	IEC62386-102,IEC62386-207

#### Cable information

<b>PRI</b> Connection		
Cable cross-section	0.75-1.5□/AWG 18-16	
Stripping	9mm	

#### Sec Connection

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

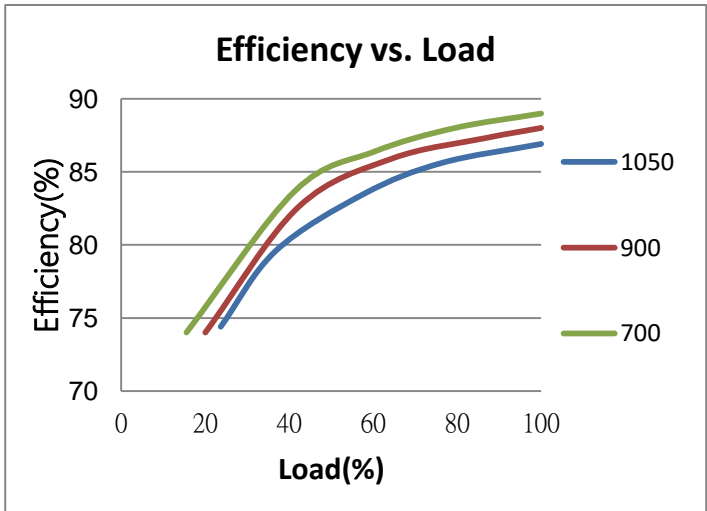
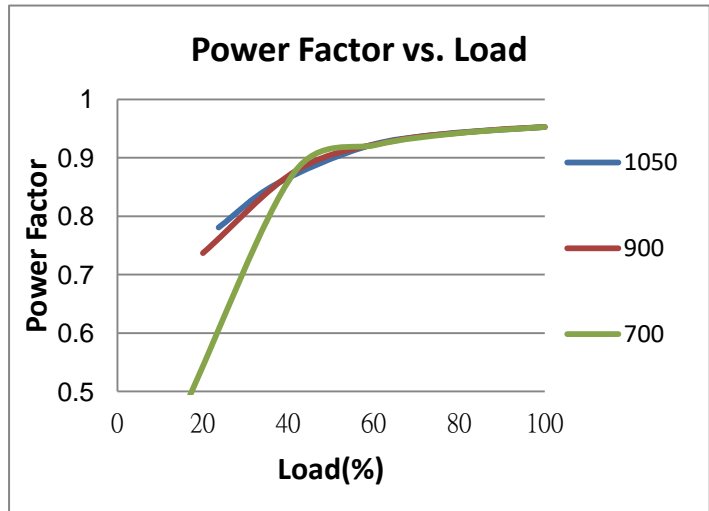
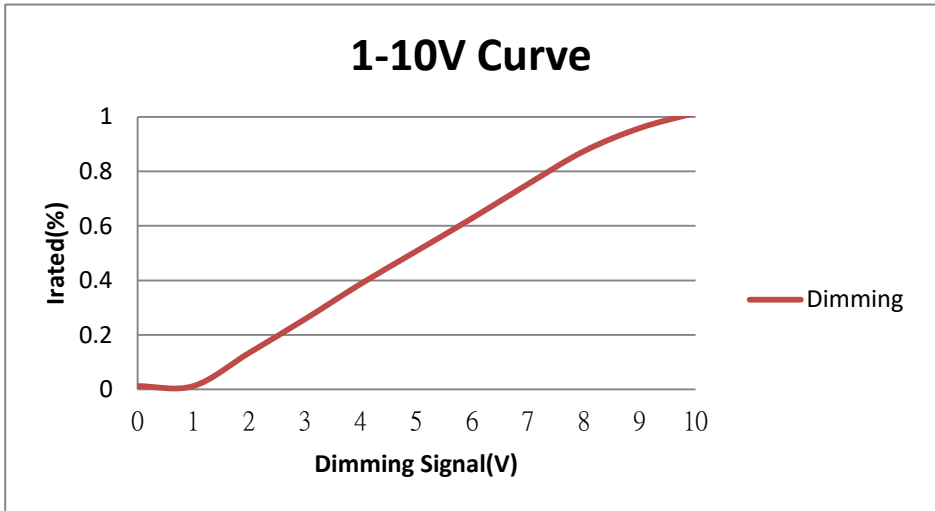
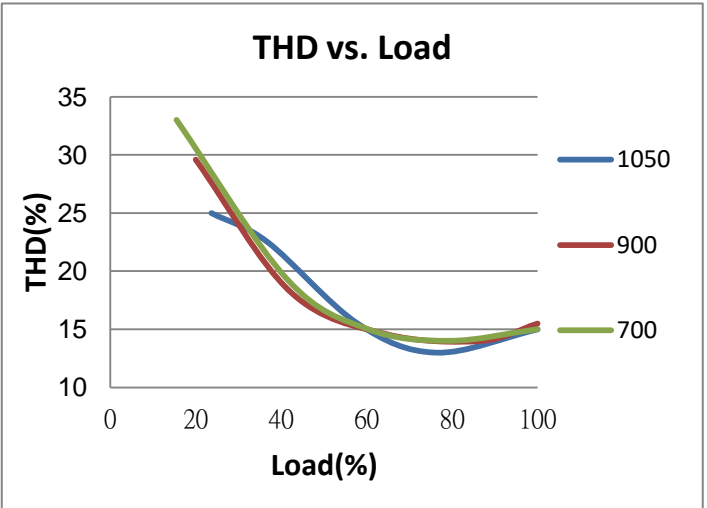
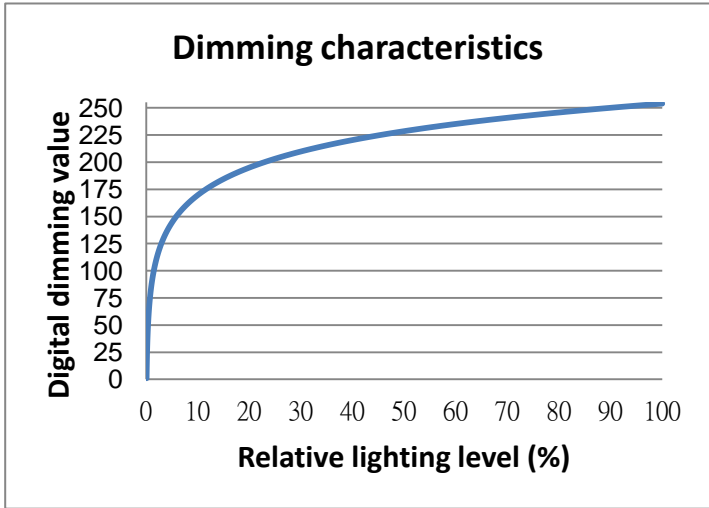
#### Terminal information

<b>PRI</b> -Push button
<b>SEC</b> -Push button
<b>DALI</b> -Push button

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

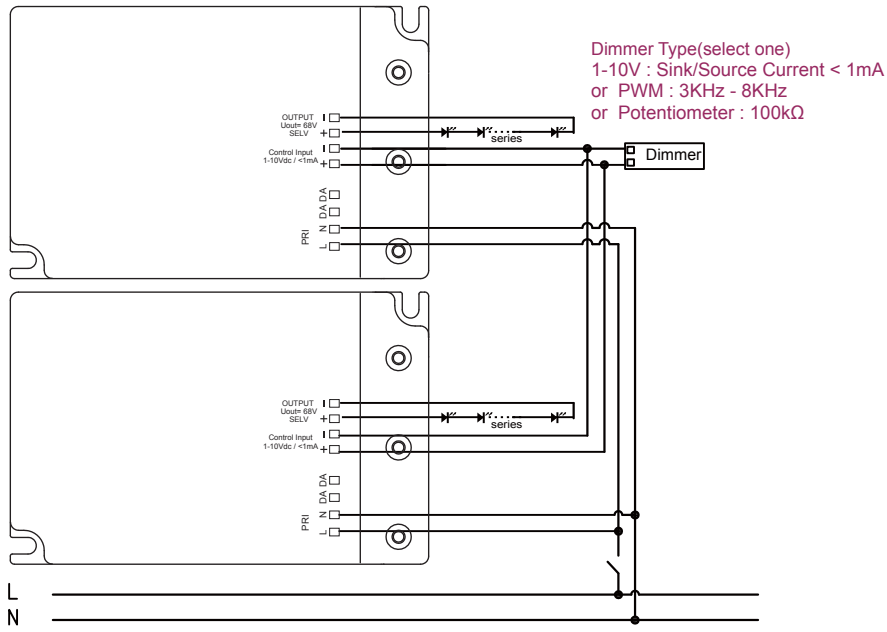
\*Subject to change without notice, HEP guarantees all products perform functionally well\*

**Electrical Values**





1-10V Dim



DALI Dim

