

Item	Value		Remark	
Nominal voltage	220	- 240 V		
Nominal frequency	50	- 60 Hz		
AC voltage range	198	- 264 V		
DC voltage range (start)	NA			
DC voltage range (operation)	176	- 276 V	Fixed output light at 15%	
Nominal current	310 mA		Full load @230VAC	
Total Harmonic Distortion (THD)	< 12 %		Full load @230VAC	
Power factor	0.95		Full load @230VAC	
Displacement factor	0.95		Full load @230VAC	
Efficiency	87 % (Typ.)		Full load @230VAC	
No-load power	NA			
Stand-by power	< 0.5 W			
Networked standby power	< 0.5 W			
Protection class	II		Suitable for class II luminaires	
Inrush current	30	A / 250 us	Full load @230VAC	
Max.units per circuit breaker	Type B , 10A MCB	13		
	Type B , 16A MCB	21		
	Type C , 10A MCB	16		
	Type C , 16A MCB	26		
Earth leakage current	NA			
Nominal voltage	24 Vdc			
Maximum voltage	25 Vdc			
Voltage accuracy	± 2.5 %		Full load @230VAC	
Output LF voltage ripple	± 3 %		(<120Hz)	
SVM	≦ 0.4		Full load @230VAC	
PsLM	≦ 1		Full load @230VAC	
Starting time	< 0.5 S		Full load @230VAC	
Nominal power range	5 - 60 W			
Maximum current	2500 mA			
Maximum power	60 W			
Dimming	Dimming control	DALI	Touch-Dim	
	Dimming range	1-100%	1-100%	
	Lowest dimming current	NA		
	Dimming technique	PWM		
	PWM frequency	2K HZ		
Galvanic isolation	Basic insulated to PRI and double insulated to SEC			
Environment	Ambient temperature range t_a	- 20 °C - + 45 °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	1kV		L/N
	Environmental rating	Indoor		
	IP rating	IP20		
	Mains switching cycles	> 100,000		
Expected lifetime	> 50,000 h , t_c 90 °C @ t_a 45 °C	0.2 % / 1,000 h failure rate		
	> 100,000 h , t_c 80 °C @ t_a 35 °C	0.1 % / 1,000 h failure rate		

Packing	Gross weight/box	17.4 kg							
	Net weight/box	16.2 kg							
	Pcs/box	50 PCS							
	Dimension/box	490	(L)	*	270	(W)	*	225	(H)

Protections										
Short-circuit Protection					Auto recovery					
Open-circuit Protection					Auto recovery					
Overload Protection					Auto recovery					
OTP					110 °C - 130 °C			Tc , Latch output 1/8 power when The Tc trigger , input power off to reset.		

Conformity & Standards									
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							

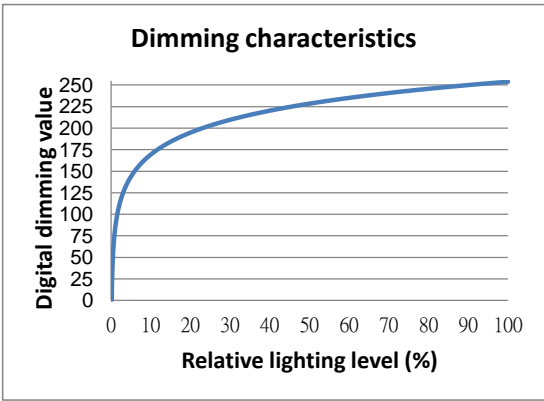
Cable information										
PRI Connection										
Cable cross-section		0.75	-	2.5	□	/	AWG	18	-	14
Stripping		9 mm								
Pull test cable type		H03VV(H2)-F 2x0,75-1,5 mm ² ,H05VV(H2)-F 2x0,75-1,5 mm ²								
SEC Connection										
Cable cross-section		0.75	-	2.5	□	/	AWG	18	-	14
Stripping		9 mm								
DALI Connection										
Cable cross-section		0.75	-	2.5	□	/	AWG	18	-	14
Stripping		9 mm								

Terminal									
PRI-		Push button							
SEC-		Push button							
DALI-		Push button							

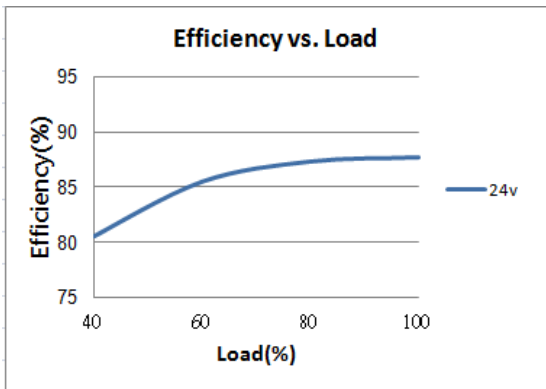
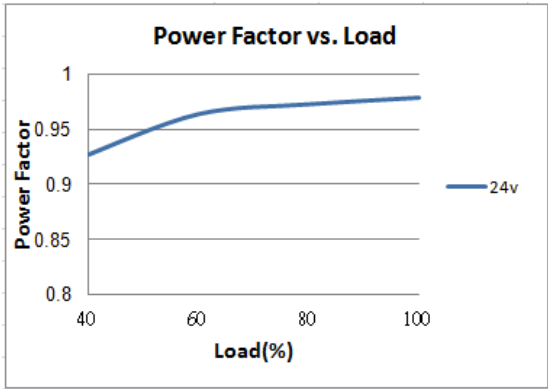
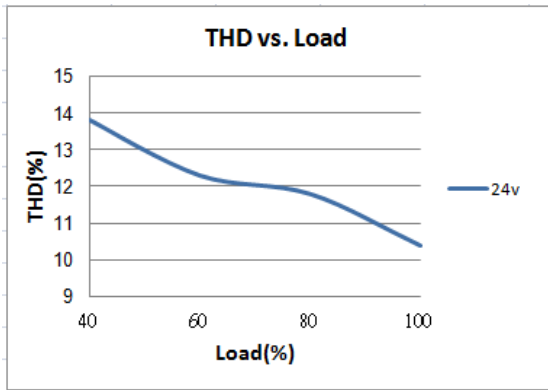
Subject to change without notice, HEP guarantees all products perform functionally well

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

■ DALI Curve

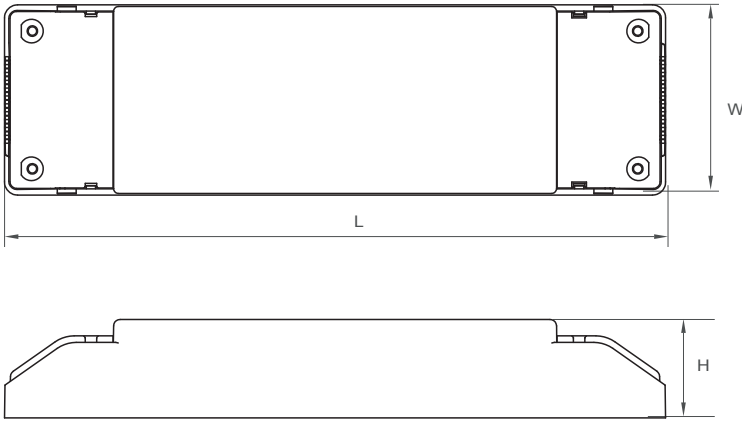


■ Electrical Values



Physical

Parameter



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

Slot On One Side Allowing Alignment : $M \pm 3$ mm

Housing Material : Polycarbonate

Soldering : Lead-Free, Comply With RoHS

Label : Surface Print

Wiring Diagram

