



Item	Value	Remark
Nominal voltage	100-240V	
Nominal frequency	50-60Hz	
AC voltage range	90-264V	
DC voltage range (start)	NA	
DC voltage range (operation)	NA	
Nominal current		Full load @100/230VAC
LSC3W200LR-Z UNI	85 / 50mA	
LSC3W350LR-Z UNI	85 / 50mA	
LSC3W500LR-Z UNI	85 / 50mA	
LSC3W700LR-Z UNI	75 / 45mA	
Total Harmonic Distortion (THD)	NA	
Power factor		Full load @100/230VAC
LSC3W200LR-Z UNI	0.5-0.65C	
LSC3W350LR-Z UNI	0.4-0.65C	
LSC3W500LR-Z UNI	0.45-0.65C	
LSC3W700LR-Z UNI	0.4-0.6C	
Displacement factor	NA	
Efficiency		Full load @100/230VAC
LSC3W200LR-Z UNI	74% (Typ.)	
LSC3W350LR-Z UNI	72% (Typ.)	
LSC3W500LR-Z UNI	71% (Typ.)	
LSC3W700LR-Z UNI	69% (Typ.)	
No-load power	NA	
Stand-by power	NA	
Protection class	II	Suitable for class II luminaires
Inrush current	13 A / 300 μs	
Max.units per circuit breaker	Type B , 10A MCB	21
	Type B , 16A MCB	33
	Type C , 10A MCB	35
	Type C , 16A MCB	55
Earth leakage current	NA	

	Item	Value	Remark
Output	Nominal voltage range		
	LSC3W200LR-Z UNI	13-18Vdc	
	LSC3W350LR-Z UNI	2.7-10Vdc	
	LSC3W500LR-Z UNI	2.7-7Vdc	
	LSC3W700LR-Z UNI	2.7-4Vdc	
	Maximum voltage		
	LSC3W200LR-Z UNI	28Vdc	
	LSC3W350LR-Z UNI	17Vdc	
	LSC3W500/700LR-Z UNI	15Vdc	
	Nominal current range		Full load @100/230VAC
	LSC3W200LR-Z UNI	200mA	
	LSC3W350LR-Z UNI	350mA	
	LSC3W500LR-Z UNI	500mA	
LSC3W700LR-Z UNI	700mA		
Current accuracy		Full load @100/230VAC	
LSC3W200LR-Z UNI	± 7%		
LSC3W350/500/700LR-Z UNI	±5%		
Typical output LF current ripple	± 5%	Low Frequency<120Hz Full load @ 230VAC	
Starting time	< 0.5 S	Full load @100/230VAC	
SVM	≤ 0.4	Full load @230VAC	
P <sub>st</sub> LM	≤ 1	Full load @230VAC	
Nominal power range			
LSC3W200LR-Z UNI	2.6-3.6W		
LSC3W350LR-Z UNI	1-3.5W		
LSC3W500LR-Z UNI	1.4-3.5W		
LSC3W700LR-Z UNI	1.9-2.8W		
Maximum power	3.6W		
Dimming	Dimming control	NA	
	Dimming range	NA	
	Lowest dimming current	NA	
	Dimming technique	NA	
	PWM frequency	NA	
	Galvanic isolation	NA	
Environment	Ambient temperature range t <sub>a</sub>	-20°C - +50°C	
	Maximum case temperature t <sub>c</sub>	70 °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 <sub>c</sub> 70 °C @ t <sub>a</sub> 50 °C > 100000 h, t <sub>c</sub> 60 °C @ t <sub>a</sub> 40 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate

<b>Packing</b>	Gross weight/box	15.1 kg
	Net weight/box	13.8 kg
	Pcs/box	512 PCS
	Dimension/box	490(L)*270(W)*225(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, EN 62493
Performance:	EN 62384
EMC standard:	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547

#### Cable information

<b>PRI</b>	
Cable cross-section	0.75-1.5□/AWG 18-16
Stripping	6mm
Pull test cable type	H03VV(H2)-F 2x0,75 mm <sup>2</sup> ,H05VV(H2)-F 2x0,75-1,0 mm <sup>2</sup>

#### SEC

Cable cross-section	0.5-1.5□/AWG 20-16
Stripping	6mm

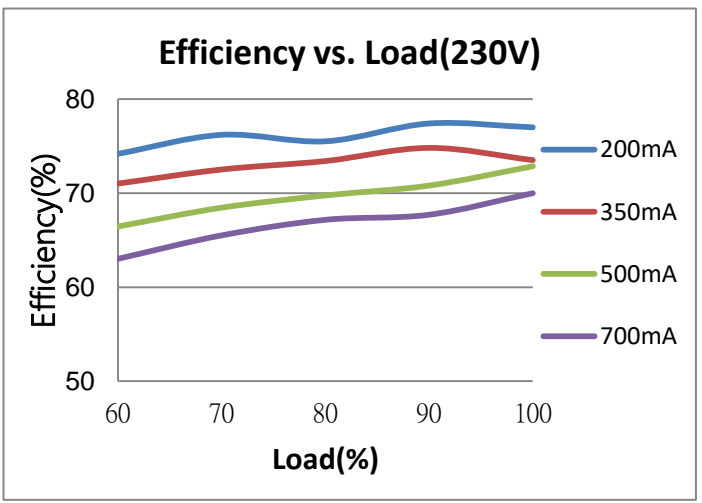
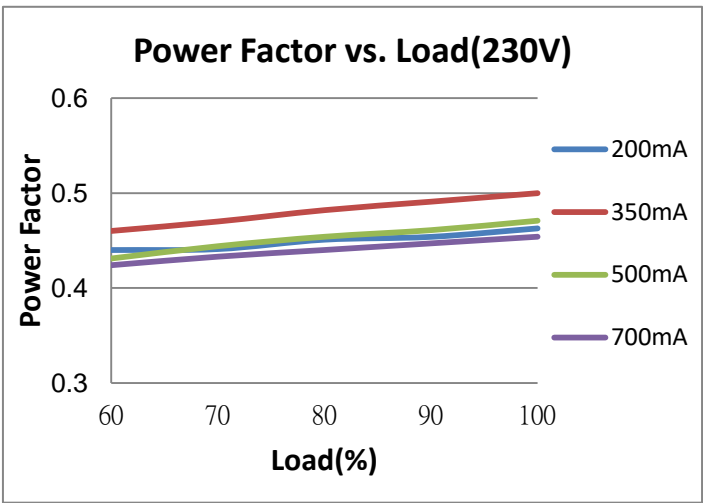
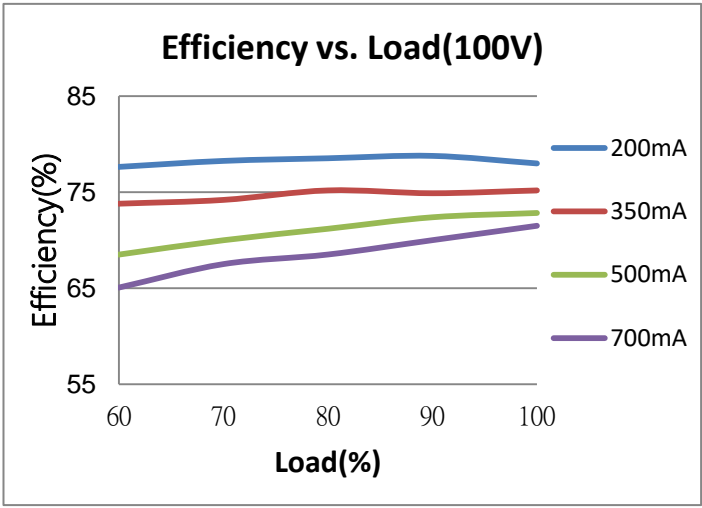
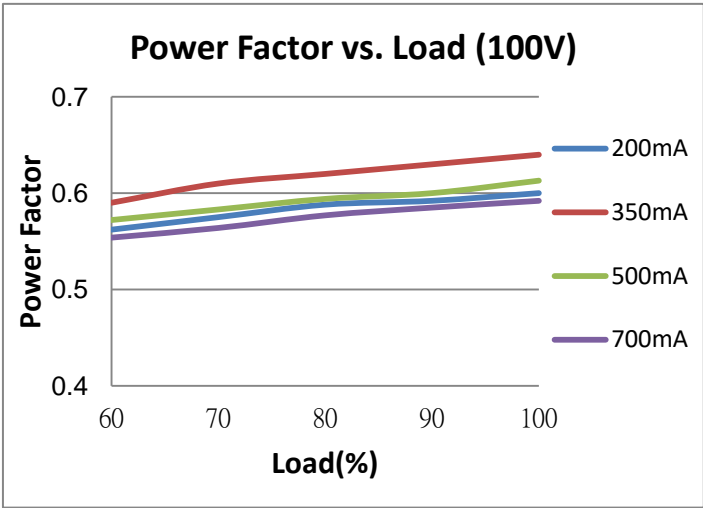
#### Terminal information

**PRI**-Screw type(Blue)

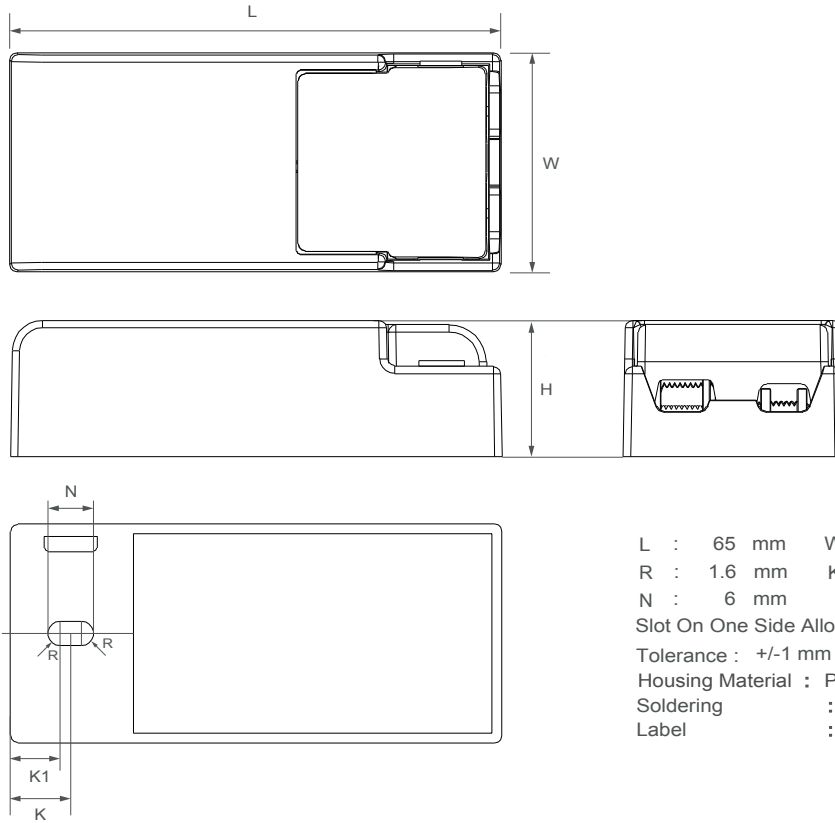
**SEC**-Screw type(Green)

\* If not mentioned, all the test conditions are based on full load at 100/230VAC input (for 100-240 VAC input).

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



**Physical  
Parameter**



L : 65 mm    W : 29 mm    H : 18 mm  
 R : 1.6 mm    K : 8 mm    K1 : 6.7 mm  
 N : 6 mm  
 Slot On One Side Allowing Alignment : M $\pm$ 3 mm  
 Tolerance :  $\pm$ 1 mm , R :  $\pm$ 0.5 mm  
 Housing Material : Polycarbonate  
 Soldering : Lead - Free, Comply With RoHS  
 Label : Surface Print

**Wiring Diagram**

