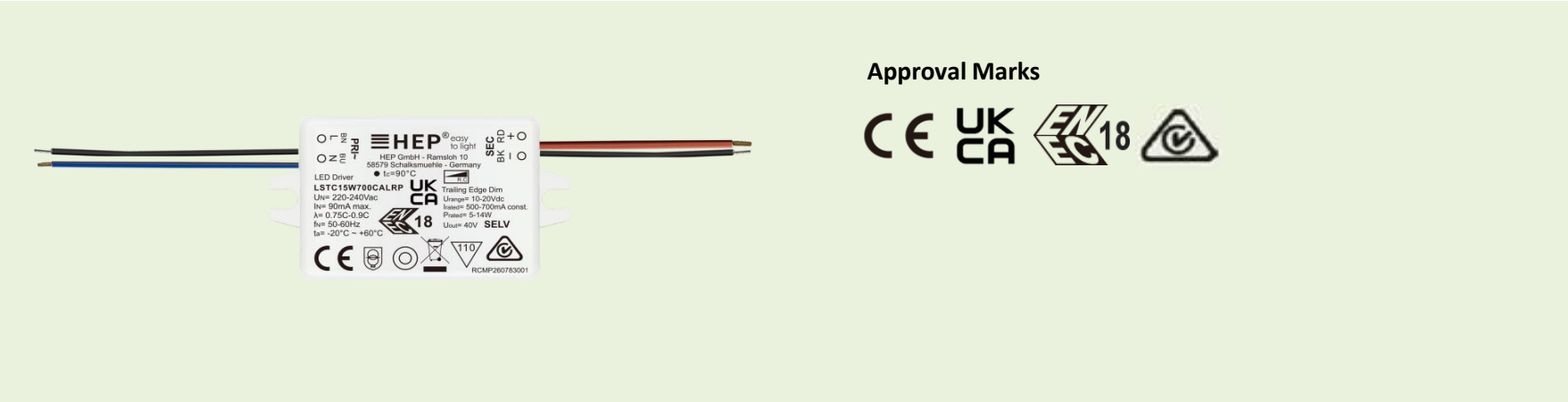




Item		Value				Remark
Input	Nominal voltage	220	-	240	V	
	Nominal frequency	50	-	60	Hz	
	AC voltage range	198	-	264	V	
	DC voltage range (start)	NA				
	DC voltage range (operation)	NA				
	Nominal current	90	mA			Full load @230VAC
	Total Harmonic Distortion (THD)					Full load @230VAC
	LSTC15W250CALRP	<	20	%		
	LSTC15W350/700CALRP	<	25	%		
	Power factor	0.75C-0.9C				Min-load @240VAC and Full-load @220VAC
	Displacement factor	0.75C-0.9C				Min-load @240VAC and Full-load @220VAC
	Efficiency					Full load @230VAC
	LSTC15W250CALRP	82	%(Typ.)			
	LSTC15W350CALRP	84	%(Typ.)			
	LSTC15W700CALRP	79	%(Typ.)			
	No-load power	NA				
	Stand-by power	NA				
	Protection class	NA				
	Inrush current	5	A	/	10	us
Max.units per circuit breaker	Type B , 10A MCB	44		PCS		
	Type B , 16A MCB	71		PCS		
	Type C , 10A MCB	56		PCS		
	Type C , 16A MCB	89		PCS		
Touch current	< 0.7mA peak				IEC/EN 61347-1	
Nominal voltage range						
LSTC15W250CALRP	21	-	42	Vdc		
LSTC15W350CALRP	21	-	40	Vdc		
LSTC15W700CALRP	10	-	20	Vdc		
Maximum voltage						
LSTC15W250/350CALRP	60	Vdc				
LSTC15W700CALRP	40	Vdc				
Nominal current range						
Output	LSTC15W250CALRP	200	mA			
		250	mA			
	LSTC15W350CALRP	300	mA			
		350	mA			
	LSTC15W700CALRP	500	mA			
		700	mA			
	Current accuracy					Full load @230VAC
	LSTC15W250CALRP	±	7	%		
LSTC15W350/700CALRP	±	5	%			
Typical output LF current ripple	±	5	%		Low Frequency< 120Hz Full load @230VAC	
SVM	≤0.4				Full load @230VAC	
PstLM	≤1				Full load @230VAC	
Starting time	<	0.5	S		Full load @230VAC	

	Item	Value										Remark	
Output	Nominal power range												
	LSTC15W250CALRP	4.2	-	10.5	W								
	LSTC15W350CALRP	6.3	-	14.0	W								
	LSTC15W700CALRP	5.0	-	14.0	W								
	Maximum power	14	W										
	Color tuning range	NA											
Dimming	Dimming control	Trailing Edge											
	Dimming range	10-100%											
	Lowest dimming current	5-15%											
	Dimming technique	Amplitude											
	PWM frequency	NA											
	Galvanic isolation	NA											
Environment	Ambient temperature range t _a	-	20	°C	-	+	60	°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	
Environment	Environmental rating	Indoor											
	IP rating	IP20											
	Mains switching cycles	>	100,000										
	Expected lifetime												
	LSTC15W250CALRP												
	Full load 4.2-10.5W	>	50,000	h ,	t _c	90	°C @	t _a	60	°C	0.2% / 1,000 h failure rate		
	Output load ≤5.95 W	>	50,000	h ,	t _c	90	°C @	t _a	70	°C	0.2% / 1,000 h failure rate		
	LSTC15W350CALRP												
	Full load 6.3-14W	>	50,000	h ,	t _c	90	°C @	t _a	60	°C	0.2% / 1,000 h failure rate		
	Output load ≤ 10.3W	>	45,000	h ,	t _c	90	°C @	t _a	70	°C	0.22% / 1,000 h failure rate		
	LSTC15W700CALRP												
	Full load 5.0-14W	>	50,000	h ,	t _c	90	°C @	t _a	60	°C	0.2% / 1,000 h failure rate		
	Output load ≤ 8W	>	50,000	h ,	t _c	90	°C @	t _a	70	°C	0.2% / 1,000 h failure rate		
Packing	Gross weight/box	18.3 kg											
	Net weight/box	16.9 kg											
	Pcs/box	270 PCS											
	Dimension/box	385	(L)	*	310	(W)	*	260	(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	PRI Connection	L					N						
	Color	Brown					Blue						
	Wire type	7022					7022						
	Wire diameter	20AWG					20AWG						
	Wire length	145mm					145mm						
	Stripping	6mm					6mm						
	Tolerance	±5mm					±5mm						
	SEC Connection	LED+					LED-						
	Color	Red					Black						
	Wire type	1332					1332						
	Wire diameter	22AWG					22AWG						
	Wire length	145mm					145mm						
	Stripping	6mm					6mm						
	Tolerance	±5mm					±5mm						

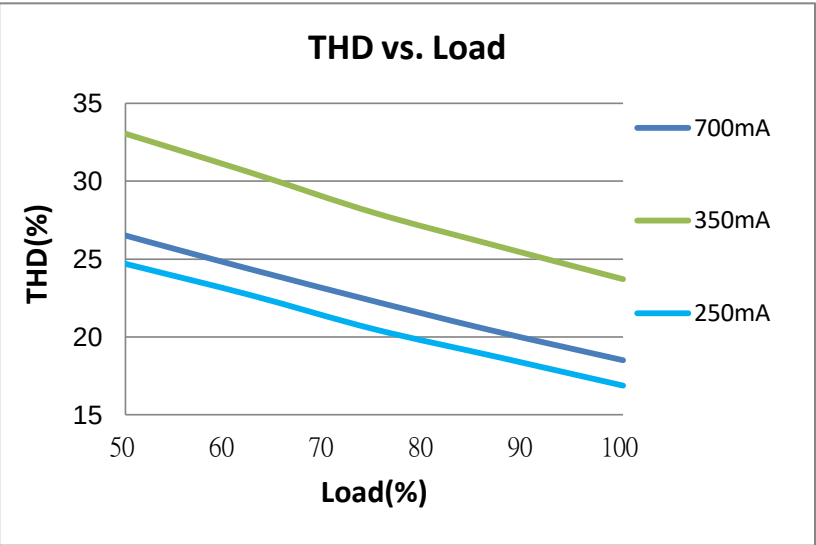
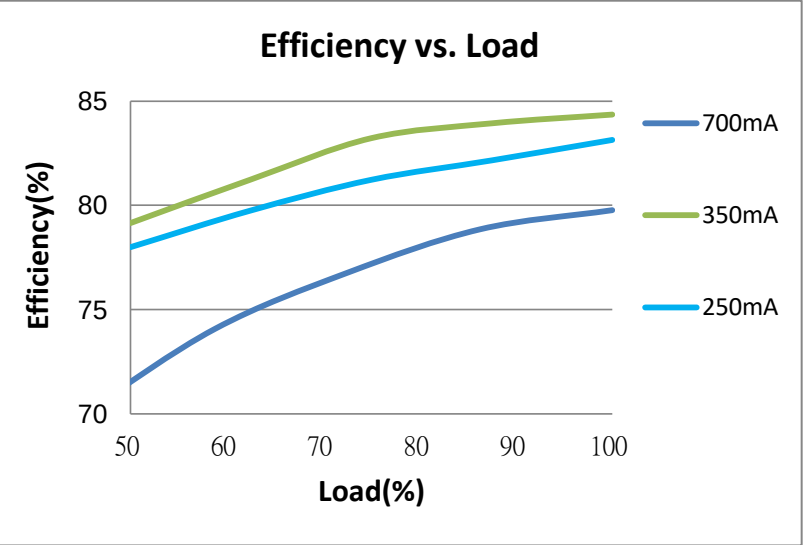
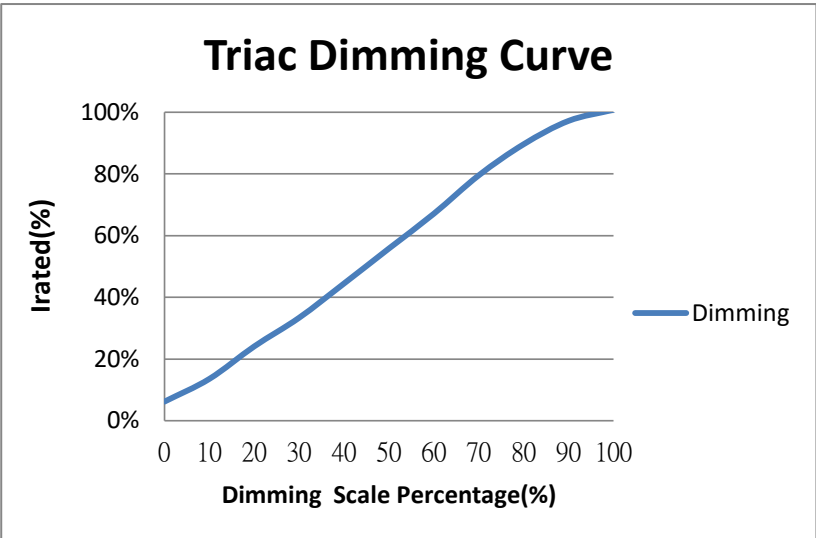
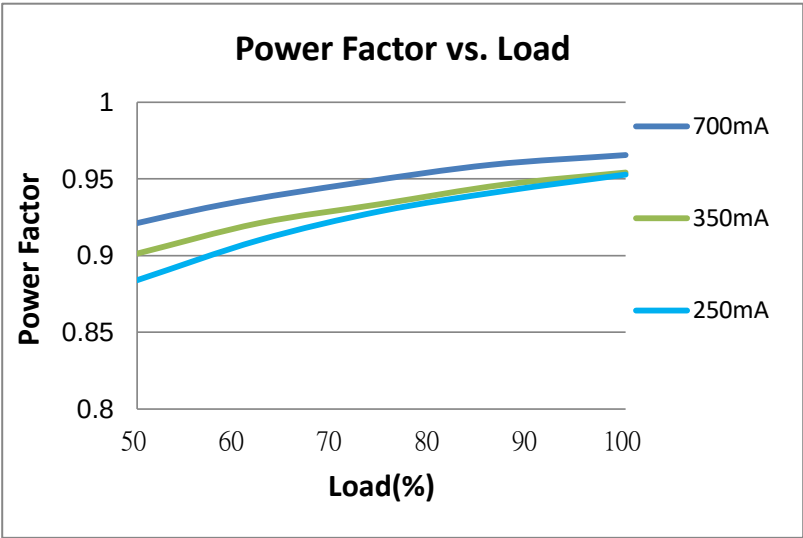
Subject to change without notice, HEP guarantees all products perform functionally well

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

Trailing Edge Dimmer list approved by HEP

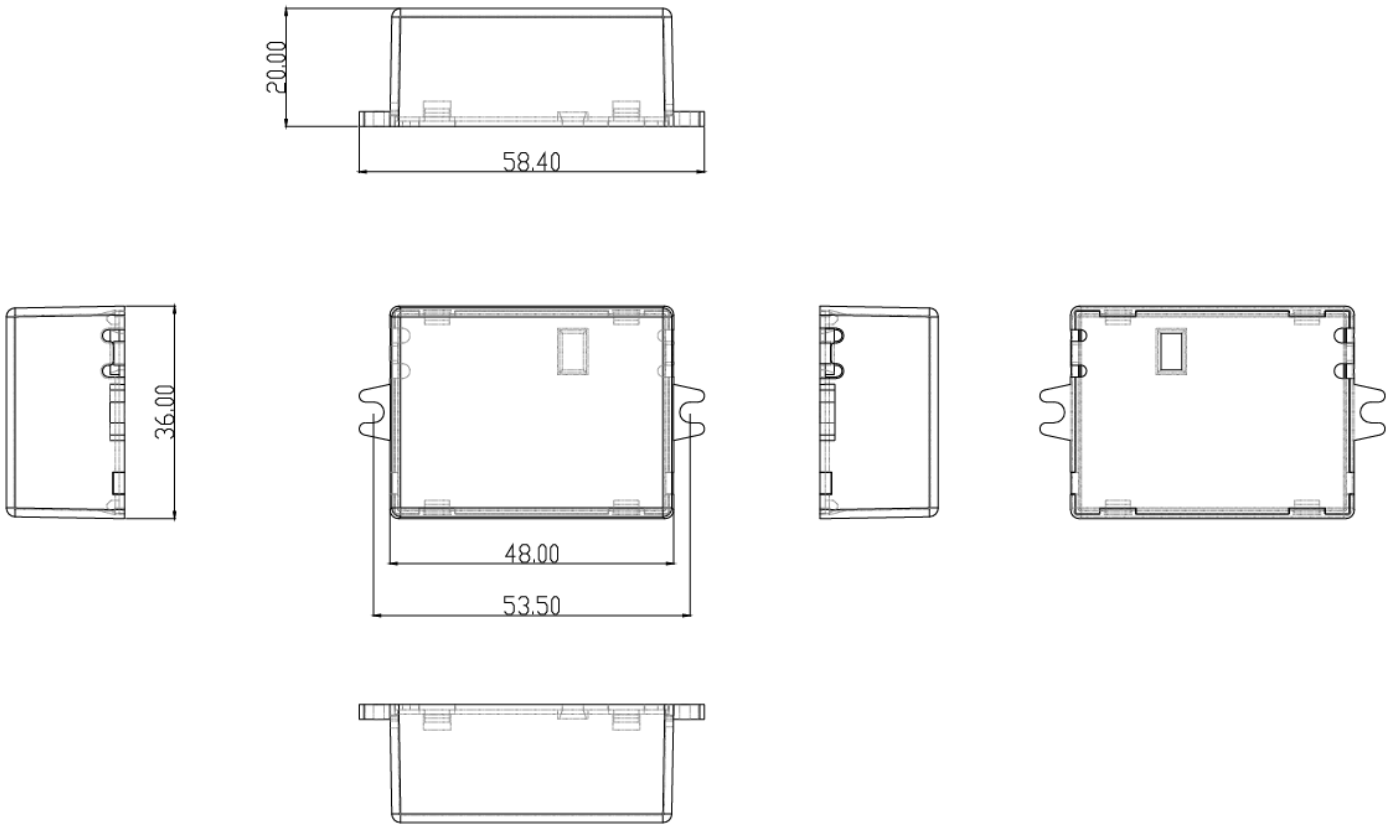
Manufacturer	Model	Q'ty of parallel connection
Merten/Schneider	SBD315RC	2~20
Etman	ETM329	1~20
Busch	6523 UR-103	2~24
Niko	310-0190X	1~15
JUNG	LB-Management	2~10
SIMON	70E102	3~10
DIM-001	ZD	1~17

Electrical Values

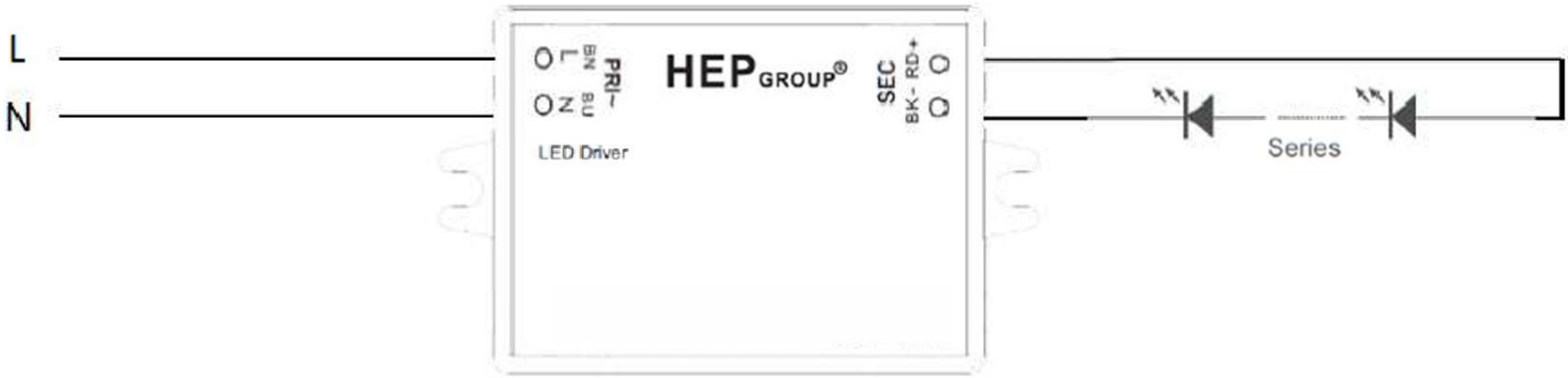


Physical

Parameter



Wiring Diagram



Dip-switch setting

I _{rated}			Dip-switch
LSTC15W250CALRP	LSTC15W350CALRP	LSTC15W700CALRP	
200mA	300mA	500mA	—
250mA	350mA	700mA	ON

