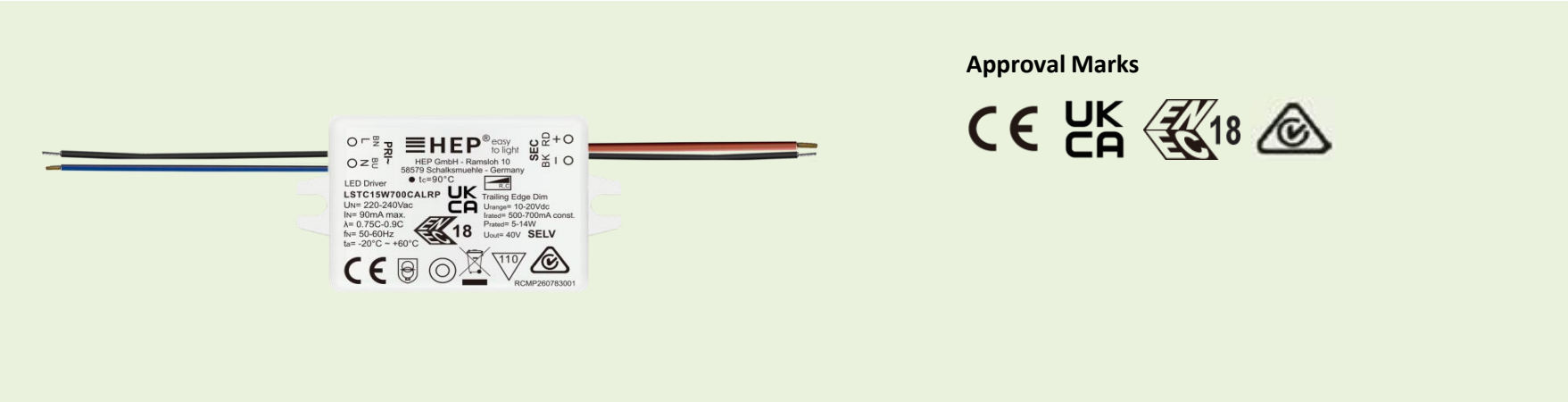




Item		Value				Remark
Input	Nominal voltage	220	-	240	V	
	Nominal frequency	50	-	60	Hz	
	AC voltage range	198	-	264	V	
	DC voltage range (start)	NA				
	DC voltage range (operation)	NA				
	Nominal current	90		mA		Full load @230VAC
	Total Harmonic Distortion (THD)					Full load @230VAC
	LSTC15W200/250/300LRP	<	20	%		
	LSTC15W350/700LRP	<	25	%		
	LSTC15W500LRP	<	28	%		
	LSTC15W500HLRP	<	20	%		
	Power factor					Min-load @ 240Vac and Full-load @ 220 Vac
	LSTC15W250/300/350LRP	0.8C-0.9C				
	LSTC15W200/500/700LRP	0.75C-0.9C				
	LSTC15W500HLRP	0.75C-0.9C				
	Displacement factor					Min-load @ 240Vac and Full-load @ 220 Vac
	LSTC15W250/300/350LRP	0.8C-0.9C				
	LSTC15W200/500/700LRP	0.75C-0.9C				
	LSTC15W500HLRP	0.75C-0.9C				
	Efficiency					Full load @230VAC
	LSTC15W250LRP	82		%(Typ.)		
	LSTC15W300/350LRP	84		%(Typ.)		
	LSTC15W200/500LRP	81		%(Typ.)		
	LSTC15W500HLRP	84		%(Typ.)		
	LSTC15W700LRP	80		%(Typ.)		
	No-load power	NA				
	Stand-by power	NA				
	Protection class	NA				
	Inrush current	5	A	/	10 us	Full load @230VAC
	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
Output	Nominal voltage range					
	LSTC15W200/250LRP	21	-	42	Vdc	
	LSTC15W300/350LRP	21	-	40	Vdc	
	LSTC15W500LRP	10	-	20	Vdc	
	LSTC15W500HLRP	10	-	30	Vdc	
	LSTC15W700LRP	9	-	20	Vdc	
	Maximum voltage					
	LSTC15W200/250/300/350LRP	60		Vdc		
	LSTC15W500/700LRP	40		Vdc		
	LSTC15W500HLRP	50		Vdc		

Item		Value						Remark						
Output	Nominal current range													
	LSTC15W200LRP		200		mA									
	LSTC15W250LRP		250		mA									
	LSTC15W300LRP		300		mA									
	LSTC15W350LRP		350		mA									
	LSTC15W500LRP		500		mA									
	LSTC15W500HLRP		500		mA									
	LSTC15W700LRP		700		mA									
	Current accuracy		±		5		%		Full load @230VAC					
	Typical output LF current ripple		±		5		%		Low Frequency< 120Hz Full load @230VAC					
SVM		≤0.4		Full load @230VAC										
P _{st} LM		≤1		Full load @230VAC										
Starting time		<		0.5		S		Full load @230VAC						
Nominal power range														
LSTC15W200LRP		4.2		-		8.4		W						
LSTC15W250LRP		5.3		-		10.5		W						
LSTC15W300LRP		6.3		-		12.0		W						
LSTC15W350LRP		7.4		-		14.0		W						
LSTC15W500LRP		5.0		-		10.0		W						
LSTC15W500HLRP		5.0		-		15.0		W						
LSTC15W700LRP		6.3		-		14.0		W						
Maximum power		15		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			
	Environmental rating		Indoor											
	IP rating		IP20											
	Mains switching cycles		>	100,000										
	Expected lifetime													
	LSTC15W200/250LRP													
	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 ≤ 5.95W		>	50,000	h	,	t _c	90	°C	@	t _a	70	°C	0.2% / 1,000 h failure rate
	LSTC15W300/350LRP													
	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
LSTC15W500/500H/700LRP														
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												

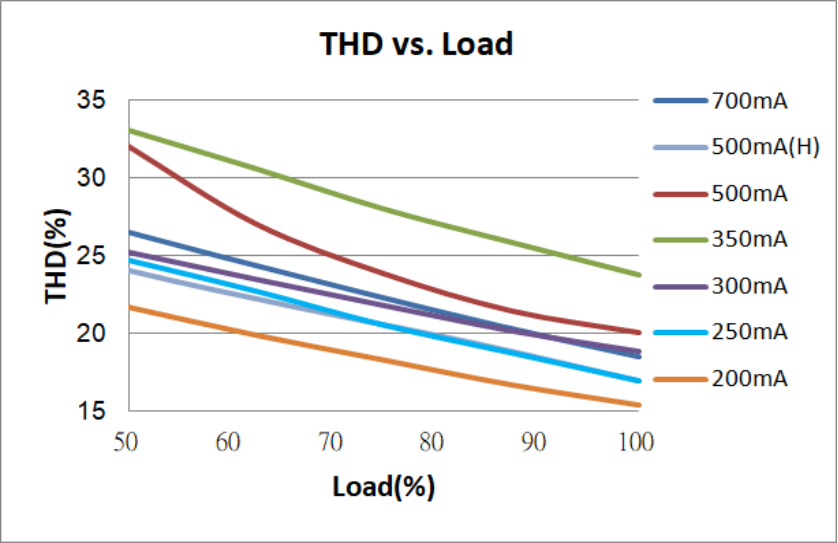
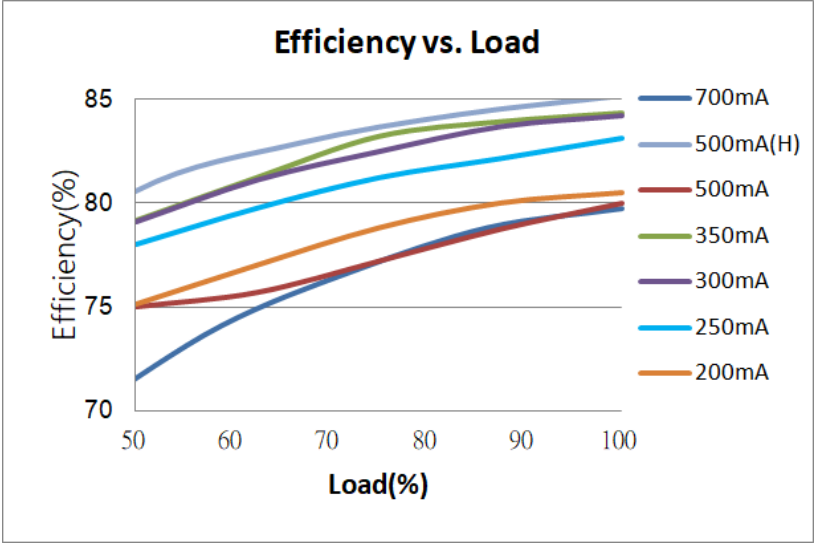
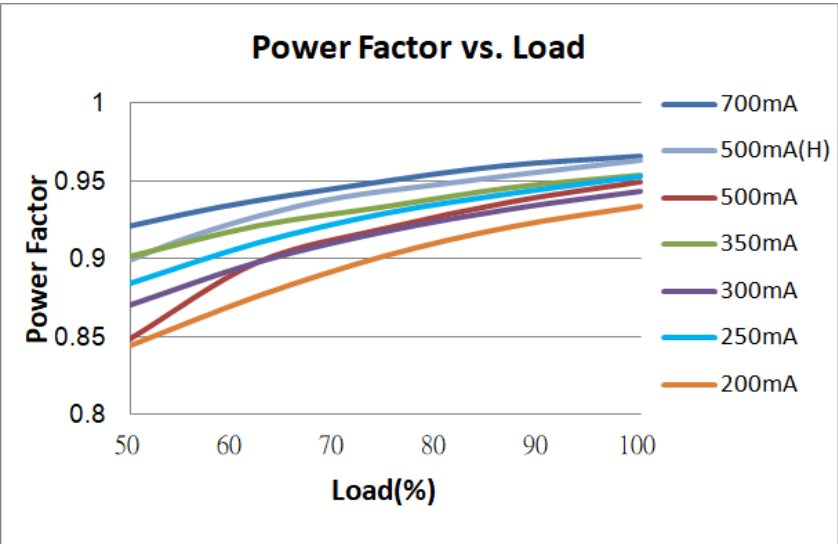
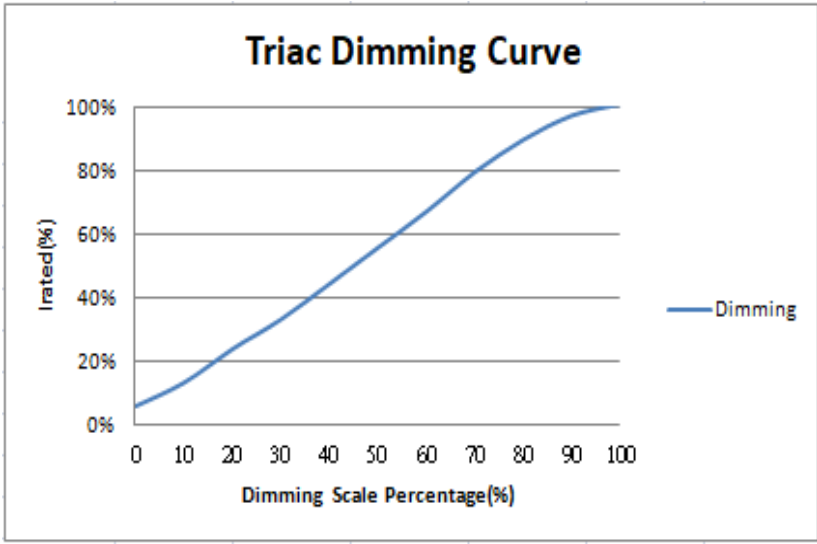
Cable information	PRI Connection	L	N
	Color	Brown	Blue
	Wire type	7022	7022
	Wire diameter	20AWG	20AWG
	Wire length	145mm	145mm
	Stripping	6mm	6mm
	Tolerance	±5mm	±5mm
	SEC Connection	LED+	LED-
	Color	Red	Black
	Wire type	1332	1332
	Wire diameter	22AWG	22AWG
	Wire length	145mm	145mm
	Stripping	6mm	6mm
	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).

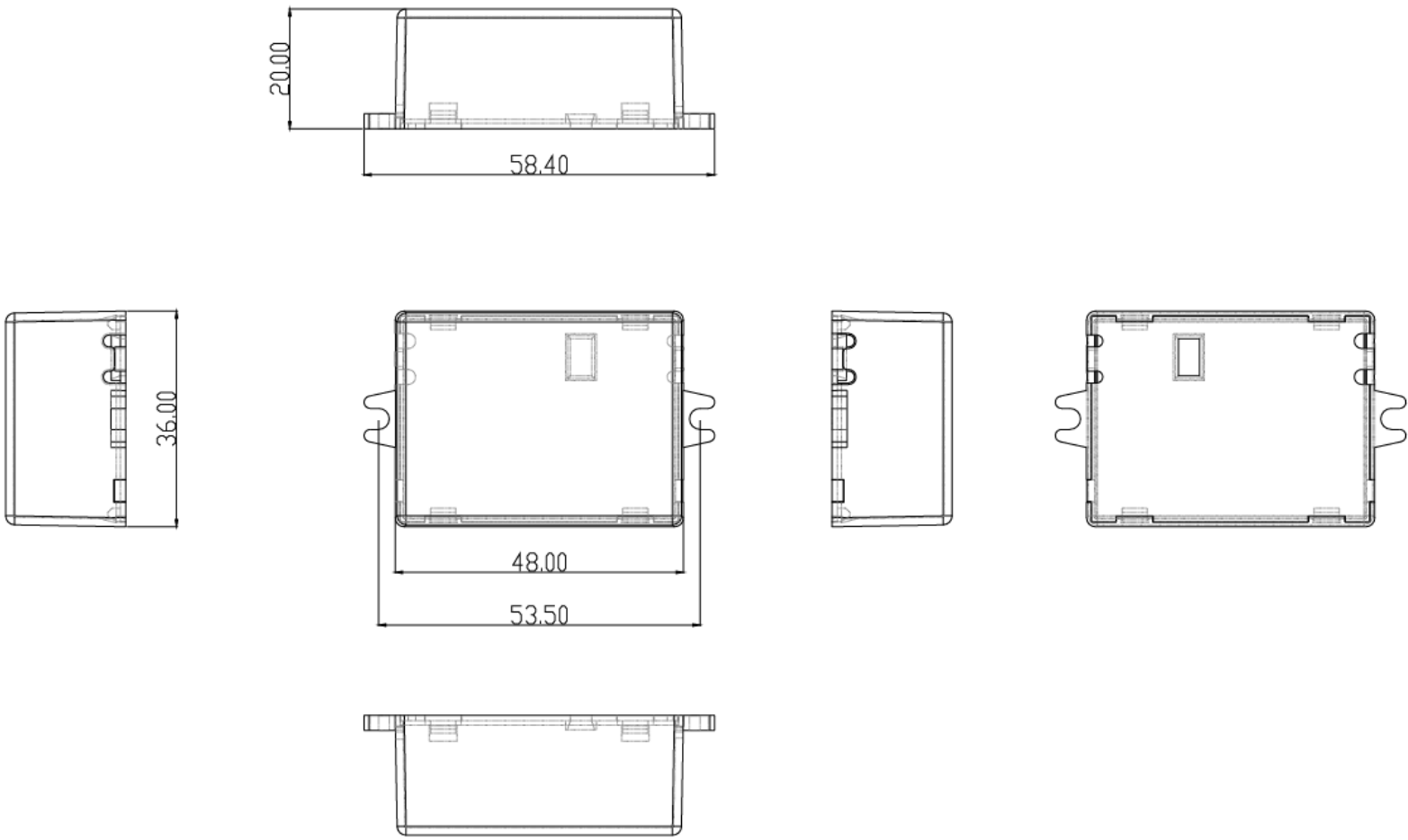
Trailing Edge Dimmer list approved by HEP

Manufacturer	Model	Q'ty of parallelconnection
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



Physical

Parameter



Wiring Diagram

