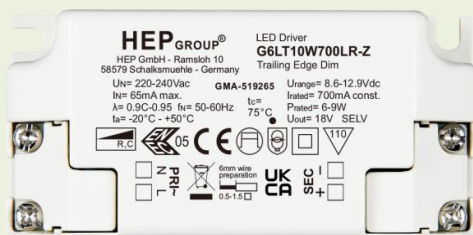


Approval Marks



		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	65mA	
		Total Harmonic Distortion (THD)	< 20%	Full load @230VAC
		Power factor	0.9C-0.95	Full load @230VAC
		Displacement factor	0.9C-0.95	Full load @230VAC
		Efficiency		
		G6LT10W200/250/350/500LR-Z	80%(Typ.)	Full load @230VAC
		G6LT10W700LR-Z	77%(Typ.)	Full load @230VAC
		No-load power	NA	
		Stand-by power	NA	
		Protection class	II	Suitable for class II luminaires test with analog luminaires
Output		Inrush current	3A / 15us	
		Max.units per circuit breaker	Type B , 10A MCB	62
			Type B , 16A MCB	98
			Type C , 10A MCB	77
			Type C , 16A MCB	123
		Earth leakage current	NA	
		Nominal voltage range		
		G6LT10W200LR-Z	30-42Vdc	
		G6LT10W250LR-Z	30-42Vdc	
		G6LT10W350LR-Z	13-26Vdc	
		G6LT10W500LR-Z	12-20Vdc	
		G6LT10W700LR-Z	8.6-12.9Vdc	
		Maximum voltage		
		G6LT10W200LR-Z	55Vdc	
		G6LT10W250LR-Z	55Vdc	
		G6LT10W350LR-Z	35Vdc	
		G6LT10W500LR-Z	28Vdc	
		G6LT10W700LR-Z	18Vdc	

	Item	Value	Remark
Output	Nominal current range		
	G6LT10W200LR-Z	200mA	
	G6LT10W250LR-Z	250mA	
	G6LT10W350LR-Z	350mA	
	G6LT10W500LR-Z	500mA	
	G6LT10W700LR-Z	700mA	
	Current accuracy	± 5%	Full load @230VAC
	Typical output LF current ripple	± 5%	Low Frequency< 120Hz Full load @230VAC
	Starting time	< 0.5S	Full load @230VAC
	SVM	≤ 0.4	Full load @230VAC
	P _{stLM}	≤ 1	Full load @230VAC
	Nominal power range		
	G6LT10W200LR-Z	6-8.4W	
	G6LT10W250LR-Z	7.5-10.5W	
	G6LT10W350LR-Z	4.6-9.1W	
	G6LT10W500LR-Z	6-10W	
	G6LT10W700LR-Z	6-9W	
	Maximum power	10.5W	
Dimming	Dimming control	Trailing edge	
	Dimming technique	Amplitude	
	PWM frequency	NA	
	Dimming range	10-100%	
	Lowest dimming current	2-6%	
	Galvanic isolation	NA	
Environment	Ambient temperature range t _a	-20°C - +50°C	
	Maximum case temperature t _c	75°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% - 90%	
	Surge transient protection	1 kV	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	
	Expected lifetime	> 50,000 h, t _c 75 °C @ t _a 50 °C > 100,000 h, t _c 65 °C @ t _a 40 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
	Gross weight/Carton	12.6 kg	
	Net weight/Carton	11.4 kg	
Packing	Pcs/Carton	224 PCS	
	Dimension/Carton	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

Cable cross-section	0.5-1.5□/AWG 20-16
Stripping	6mm
Pull test cable type	H03VV(H2)-F 2x0,75-1,0 mm ² ,H05VV(H2)-F 2x0,75-1,0 mm ²

SEC

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

Terminal information

PRI-Screw type

SEC-Screw type

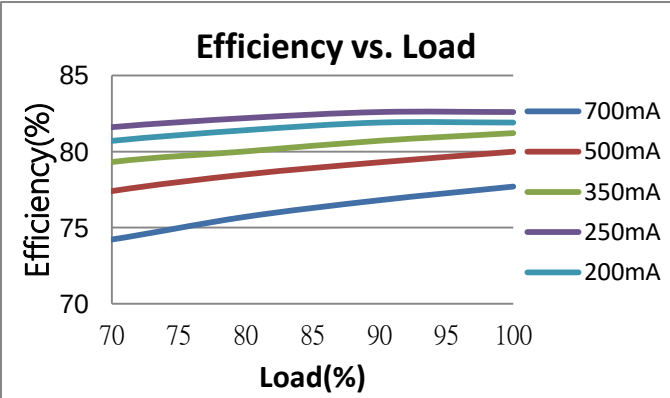
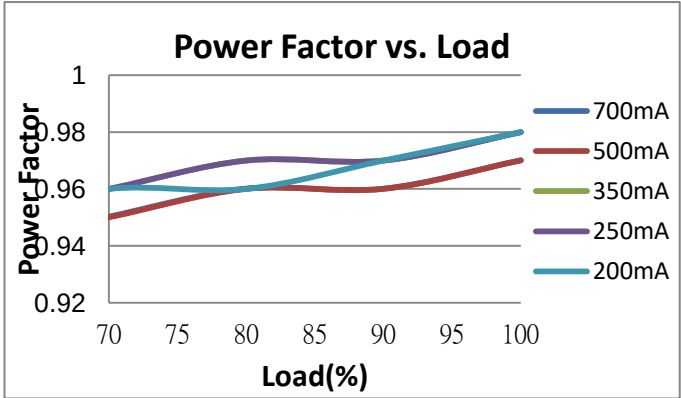
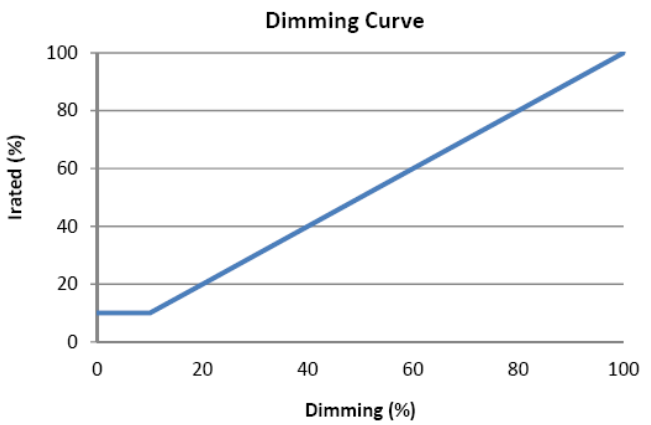
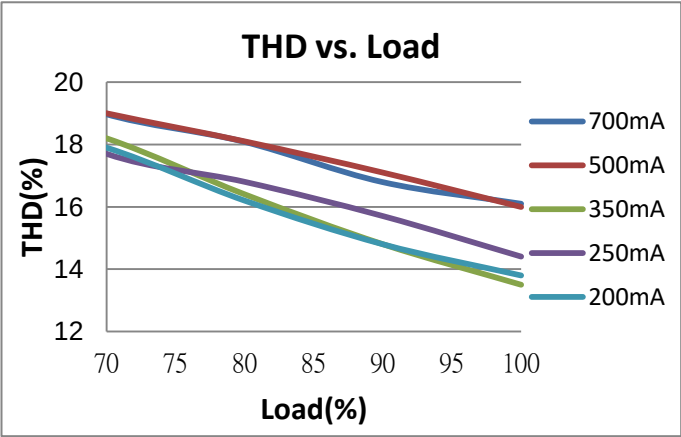
Subject to change without notice, HEP guarantees all products perform functionally well

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

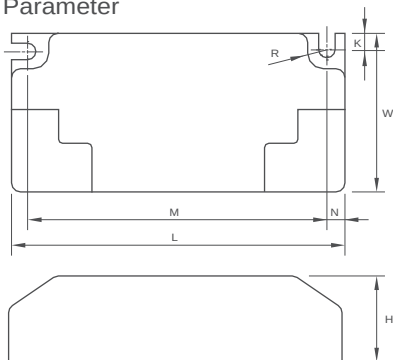
Trailing Edge Dimmer list approved by HEP

Manufacturer	Model	Q'ty of parallelconnection
Philips	SED-200A	13
Merten/Schneider	SBD315RC	18
Etman	ETM327	20
Etman	ETM329	20
Merten	SBD200LED	20
AU	P3	18
Busch	6513 U-102	20
Busch	6523 UR-103	20
Busch	6523 U-102	6
Niko	310-0190X	18
JUNG	LB-Management	20
CASAMBI	CBU-TED	8

Electrical Values



Physical Parameter



L : 85 mm H : 22 mm
M : 76.4 mm K : 4.0 mm
N : 4.6 mm R : 2.1 mm
W : 40.4 mm

Tolerance : $\geq \pm 1$ mm

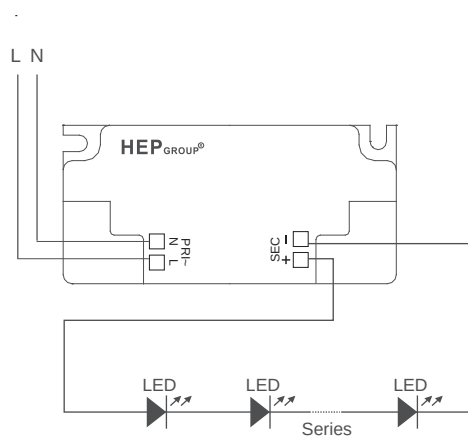
Terminal Block : PRI : Screw Type
SEC : Screw Type

Housing Material : Polycarbonate

Soldering : Lead-Free, Comply With RoHS

Label : Surface Print

Wiring Diagram



The length of wire from output to luminaire
should be less than 2M