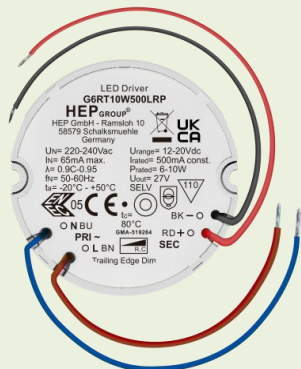




Approval Marks



Item		Value	Remark
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	Full load @230VAC
Total Harmonic Distortion (THD)		< 20%	Full load @230VAC
Power factor		0.9C-0.95	Min-load @ 240Vac and Full-load @ 220 Vac
Displacement factor		0.9C-0.95	Min-load @ 240Vac and Full-load @ 220 Vac
Efficiency			Full load @230VAC
Input	G6RT10W200LRP	84%(Typ.)	
	G6RT10W250LRP	84%(Typ.)	
	G6RT10W350LRP	81%(Typ.)	
	G6RT10W500LRP	80%(Typ.)	
	G6RT10W700LRP	77%(Typ.)	
No-load power		NA	
Stand-by power		NA	
Protection class		NA	
Inrush current		8.5A / 60us	
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
Touch current		< 0.7mA peak	IEC/EN 61347-1
Output	Nominal voltage range		
	G6RT10W200/250LRP	30-42Vdc	
	G6RT10W350LRP	13-26Vdc	
	G6RT10W500LRP	12-20Vdc	
	G6RT10W700LRP	8.6-12.9Vdc	
Maximum voltage			
G6RT10W200/250LRP		55Vdc	
G6RT10W350LRP		35Vdc	

		Item	Value	Remark
Output		G6RT10W500LRP	27Vdc	
		G6RT10W700LRP	25Vdc	
		Nominal current range		
		G6RT10W200LRP	200mA	
		G6RT10W250LRP	250mA	
		G6RT10W350LRP	350mA	
		G6RT10W500LRP	500mA	
		G6RT10W700LRP	700mA	
		Current accuracy	± 5%	Full load @230VAC
		Typical output LF current ripple	± 5%	Low Frequency< 120Hz Full load @230VAC
		Starting time	< 0.5 S	Full load @230VAC
		SVM	≤0.4	Full load @230VAC
		PstLM	≤1	Full load @230VAC
		Nominal power range		
		G6RT10W200LRP	6-8.4W	
		G6RT10W250LRP	7.5-10.5W	
		G6RT10W350LRP	4.6-9.1W	
		G6RT10W500LRP	6-10W	
		G6RT10W700LRP	6-9W	
Dimming		Maximum power	10.5W	
		Dimming control	Trailing edge	
		Dimming range	10-100%	
		Lowest dimming current	2-6%	
		Dimming technique	Amplitude	
		PWM frequency	NA	
		Galvanic isolation	NA	
Environment		Ambient temperature range t _a	-20°C - +50°C	
		Maximum case temperature t _c		
		G6RT10W200LRP	70°C	
		G6RT10W250LRP	75°C	
		G6RT10W350/500/700LRP	80°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		
		G6RT10W200LRP	Full load	> 50,000 h, t _c 70 °C @ t _a 50 °C
			Output load ≤ 7W	> 48,000 h, t _c 70 °C @ t _a 60 °C
		G6RT10W250LRP	Full load	> 50,000 h, t _c 75 °C @ t _a 50 °C
			Output load ≤ 7W	> 48,000 h, t _c 75 °C @ t _a 60 °C
		G6RT10W350/500/700LRP	Full load	> 50,000 h, t _c 80 °C @ t _a 50 °C
			Output load ≤ 7W	> 48,000 h, t _c 80 °C @ t _a 60 °C
Packing		Gross weight/Carton	14.6 kg	
		Net weight/Carton	13.5 kg	
		Pcs/Carton	180 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 Connection	L	N
Color	Brown	Blue
Wire type	7022	7022
Wire diameter	AWG20	AWG20
Wire length	140mm	140mm
Stripping	6mm	6mm
Tolerance	±5mm	±5mm

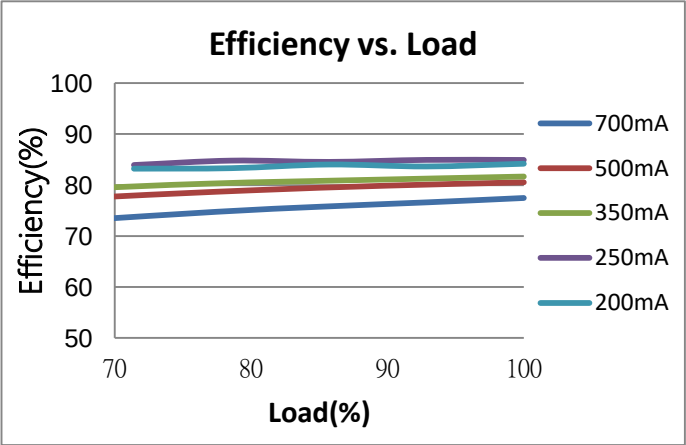
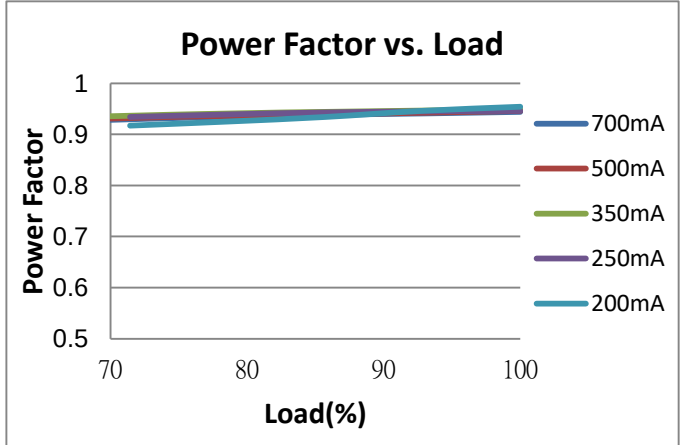
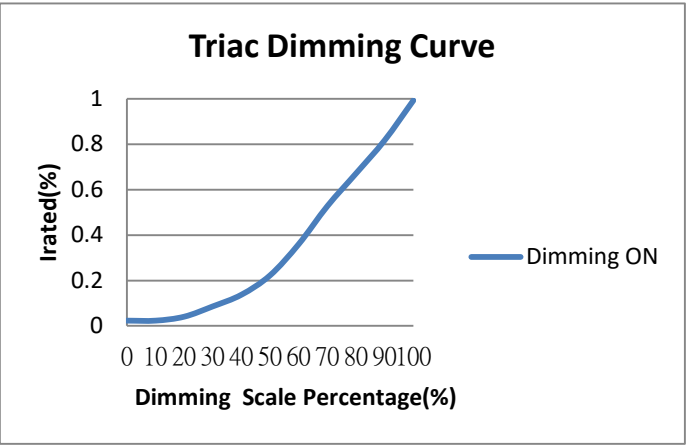
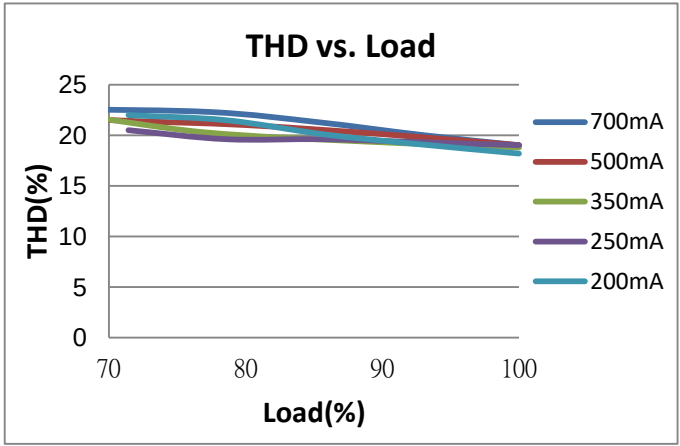
SEC Connection	+	-
Color	Red	Black
Wire type	1332	1332
Wire diameter	AWG22	AWG22
Wire length	139mm	139mm
Stripping	6mm	6mm
Tolerance	±5mm	±5mm

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

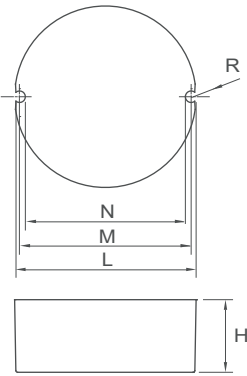
*If not mentioned, all the test conditions are based on full load at 230VAC input (for 220-240 VAC input).

Trailing Edge Dimmer list approved by HEP

Manufacturer	Model	Q'ty of parallelconnection
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	14
Niko	310-0190X	18
JUNG	LB-Management	20
CASAMBI	CBU-TED	8



Physical
Parameter



L : 48 mm M : 46.7 mm N : 43.5 mm
H : 25 mm R : 1.6 mm
Tolerance : +/-1 mm , R : +/-0.5 mm
Housing Material : Polycarbonate / Potting
Soldering : Lead-Free, Comply With RoHS
Label : Surface Print

Wiring Diagram

