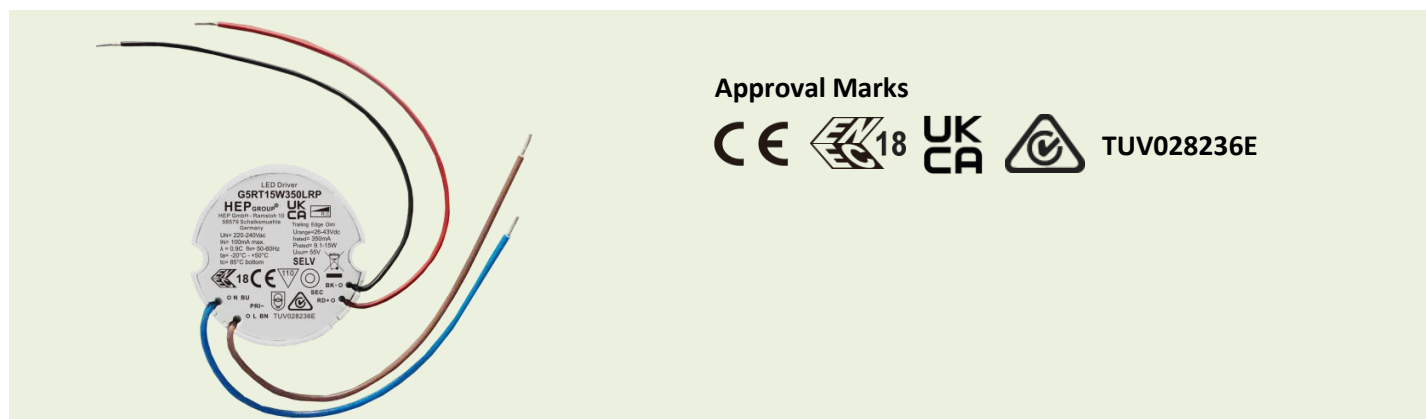




Item		Value	Remark
Input	Nominal voltage	220–240V	
	Nominal frequency	50–60Hz	
	AC voltage range	198–264V	
	DC voltage range (start)	NA	
	DC voltage range (operation)	NA	
	Nominal current		
	G5RT15W300LRP	90mA	
	G5RT15W350/500/700LRP	100mA	
	Total Harmonic Distortion (THD)	< 20%	Full load @230VAC
	Power factor	0.9C	Full load @230VAC
	Displacement factor	0.9C	Full load @230VAC
	Efficiency		
	G5RT15W300/350/500LRP	80%(Typ.)	Full load @230VAC
	G5RT15W700LRP	78%(Typ.)	Full load @230VAC
	No-load power	NA	
	Stand-by power	NA	
	Protection class	NA	
	Inrush current	14A / 8.5us	
	Max.units per circuit breaker	Type B , 10A MCB	40
		Type B , 16A MCB	64
		Type C , 10A MCB	50
		Type C , 16A MCB	80
	Touch current	< 0.7mA peak	IEC/EN 61347-1
Output	Nominal voltage range		
	G5RT15W300LRP	26-43Vdc	
	G5RT15W350LRP	26-43Vdc	
	G5RT15W500LRP	18-30Vdc	
	G5RT15W700LRP	13-21Vdc	
	Maximum voltage		
	G5RT15W300LRP	55Vdc	
	G5RT15W350LRP	55Vdc	
	G5RT15W500LRP	38Vdc	
	G5RT15W700LRP	28Vdc	

	Item	Value	Remark
Output	Nominal current range		
	G5RT15W300LRP	300mA	
	G5RT15W350LRP	350mA	
	G5RT15W500LRP	500mA	
	G5RT15W700LRP	700mA	
	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
	Nominal power range		
Dimming	G5RT15W300LRP	7.8-12.9W	
	G5RT15W350LRP	9.1-15W	
	G5RT15W500LRP	9-15W	
	G5RT15W700LRP	9.1-14.7W	
	Maximum power	15.05W	
	Dimming control	Trailing Edge	
	Dimming technique	Amplitude	
	PWM frequency	NA	
	Dimming range	10-100%	
	Lowest dimming current	2-6%	
Environment	Galvanic isolation	NA	
	Ambient temperature range t _a	-20°C - +50°C	
	Maximum case temperature t _c	85 °C	bottom
	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	
Packing	Expected lifetime	Full Load > 50,000 h, t _c 85 °C @ t _a 50 °C ≤ 70% Full load > 48,000 h, t _c 85 °C @ t _a 60 °C	0.2 % / 1,000 h failure rate 0.21 % / 1,000 h failure rate
	Gross weight/box	14.2 kg	
	Net weight/box	13.2 kg	
	Pcs/box	180 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	AWG20	AWG20
Wire length	140mm	140mm
Stripping	6mm	6mm
Tolerance	±5mm	±5mm

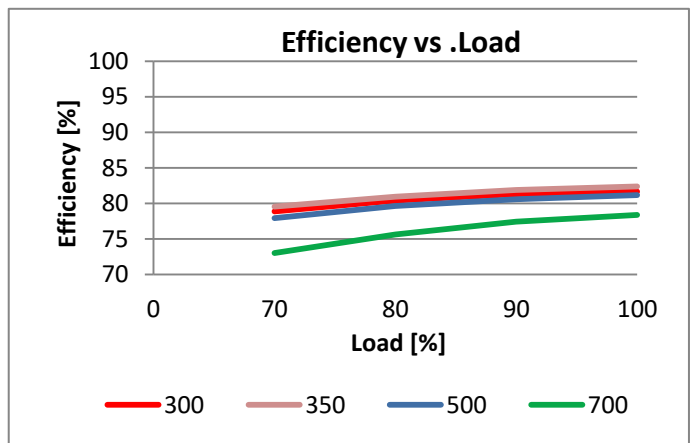
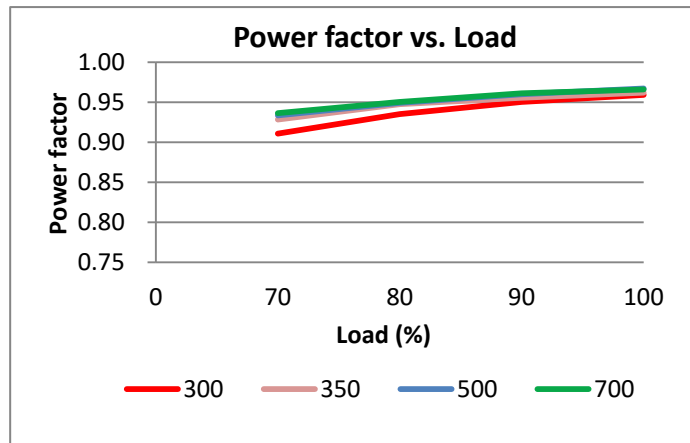
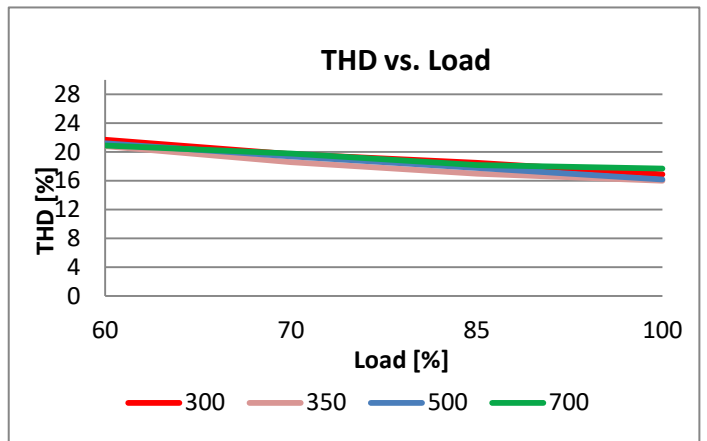
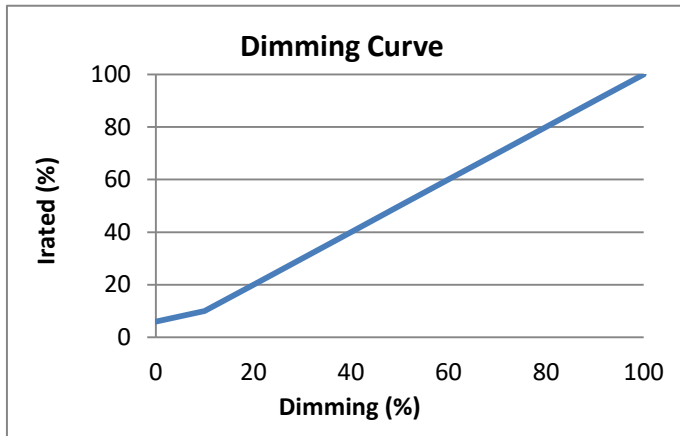
Sec Connection	+	-
Color	Red	Black
Wire type	3385	3385
Wire diameter	AWG22	AWG22
Wire length	139mm	139mm
Stripping	6mm	6mm
Tolerance	±5mm	±5mm

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

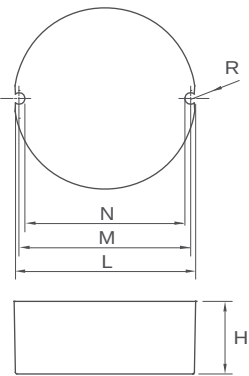
* If not mentioned, all the test conditions are based on full load at 230VAC input (for 220-240 VAC input).

Trailing Edge Dimmer list approved by HEP

Manufacturer	Model	Q'ty of parallelconnection
BUSCH-JAEGER	6523 UR-103	16
BUSCH-JAEGER	6523 U-102	16
Niko	310-0190X	8
JUNG	LB-Management	4
Merten	SBD200LED(MEG5134-0000)	8
AU	P3	10
Philips	SED-200A	11
Merten/Schneider	SBD315RC	15
Etman	ETM327	15
Etman	ETM329	15
CASAMBI	CBU-TED	6

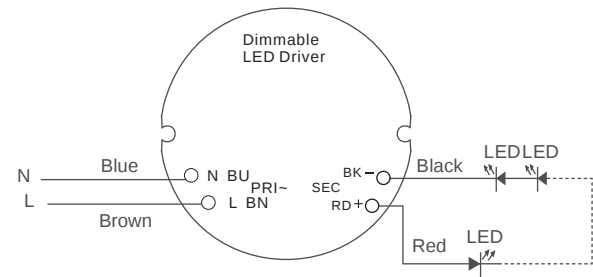


Physical
Parameter



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



TC location (Bottom)

