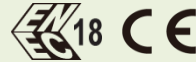




Approval Marks



Item		Value	Remark	
Input	Nominal voltage		220–240V	
	Nominal frequency		50–60Hz	
	AC voltage range		198–264V	
	DC voltage range (start)		N/A	
	DC voltage range (operation)		N/A	
	Maximum voltage		264Vac	
	Nominal current		55mA	Full load @230VAC
	Total Harmonic Distortion (THD)		< 21%	Full load @230VAC
	Power factor		0.9C	Full load @230VAC
	Displacement factor		0.9C	Full load @230VAC
	Efficiency			
	G5LT7W150LR-Z		76%(Typ.)	Full load @230VAC
	G5LT7W350LR-Z		76%(Typ.)	Full load @230VAC
	G5LT7W500LR-Z		72%(Typ.)	Full load @230VAC
	G5LT7W700LR-Z		72%(Typ.)	Full load @230VAC
	No-load power		NA	
	Stand-by power		NA	
	Protection class		II	Suitable for II luminaires
	Inrush current		1A / 60us	Nominal
	Max.units per circuit breaker		Type B , 10A MCB	73
			Type B , 16A MCB	116
			Type C , 10A MCB	91
			Type C , 16A MCB	145
Earth leakage current			NA	
Output	Nominal voltage range			
	G5LT7W150LR-Z		30-42 Vdc	
	G5LT7W350LR-Z		12-21 Vdc	
	G5LT7W500LR-Z		9-14 Vdc	
	G5LT7W700LR-Z		6-10 Vdc	
	Maximum voltage			
	G5LT7W150LR-Z		52Vdc	

	Item	Value	Remark
	G5LT7W350LR-Z	28Vdc	
	G5LT7W500LR-Z	24Vdc	
	G5LT7W700LR-Z	18Vdc	
	Nominal current range		
	G5LT7W150LR-Z	150mA	Full load @230VAC
	G5LT7W350LR-Z	350mA	Full load @230VAC
	G5LT7W500LR-Z	500mA	Full load @230VAC
	G5LT7W700LR-Z	700mA	Full load @230VAC
	Current accuracy		Full load @230VAC
Output	G5LT7W150LR-Z	± 10%	
	G5LT7W350/500/700LR-Z	± 5%	
	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
	P _{stLM}	≤ 1	Full load @230VAC
	Nominal power range		
	G5LT7W150LR-Z	4.5-6.3W	
	G5LT7W350LR-Z	4.2-7.35W	
	G5LT7W500LR-Z	4.5-7W	
	G5LT7W700LR-Z	4.2-7W	
	Maximum power	8W	
Dimming	Dimming control	Trailing Edge	
	Dimming technique	Amplitude	
	PWM frequency	NA	
	Dimming range	10-100%	
	Lowest dimming current	10%	
	Galvanic isolation	NA	
Environment	Ambient temperature range t _a	-20°C - +50°C	
	Maximum case temperature t _c	85°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	-25°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 85 °C @ t _a 50 °C > 100,000 h, t _c 75 °C @ t _a 40 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
Packing	Gross weight/box	14.8 kg	
	Net weight/box	13.4 kg	
	Pcs/box	224 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:	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	0.75-1.5□/AWG 18-16
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

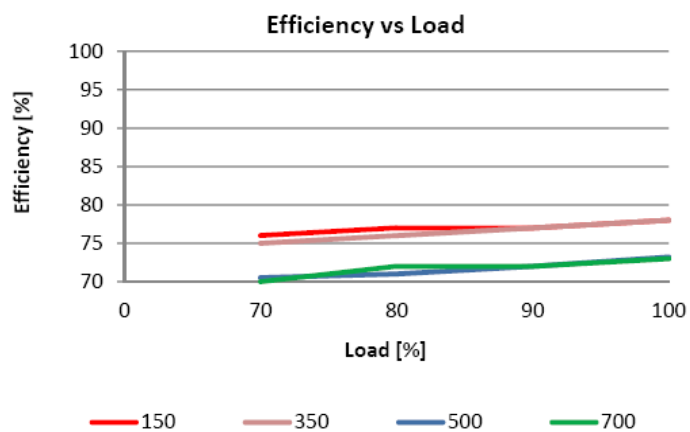
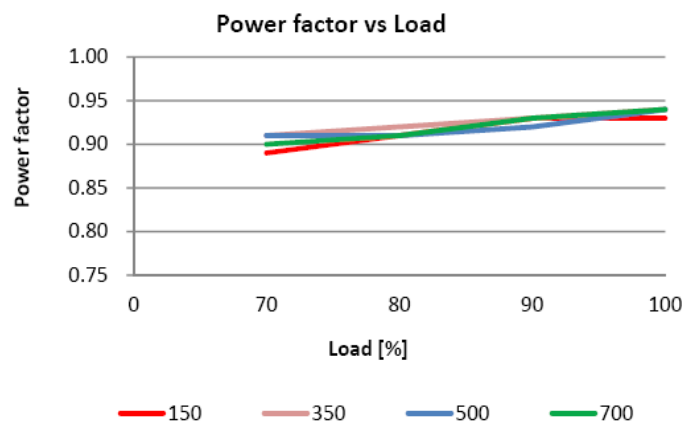
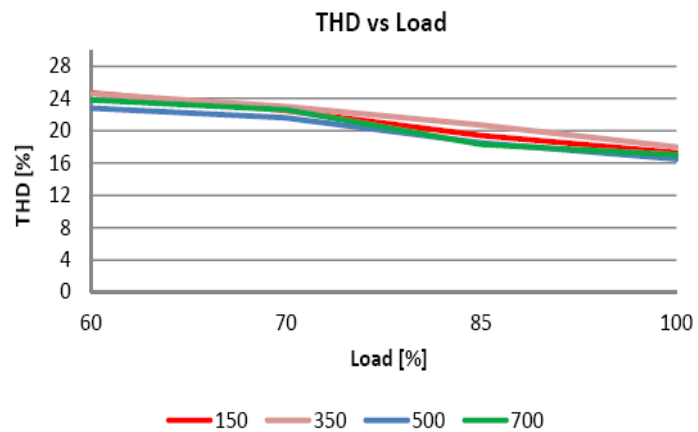
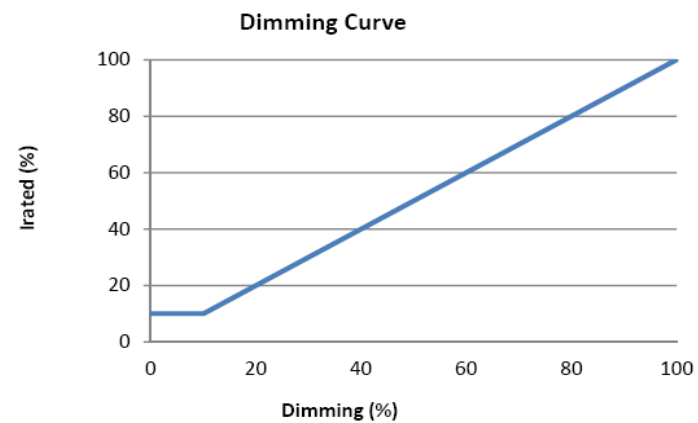
Subject to change without notice, HEP guarantees all products perform functionally well

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

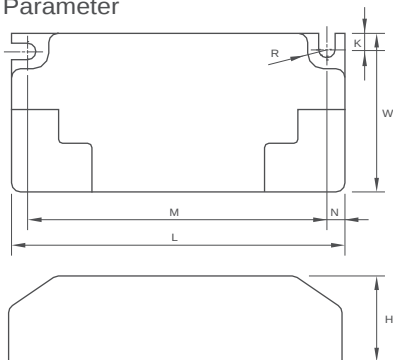
Trailing Edge Dimmer list approved by HEP

Manufacturer	Model	Q'ty of parallelconnection	Approved by
BUSCH-JAEGER	6523 UR-103	30	700/500/350/150
BUSCH-JAEGER	6523 U-102	30	700/500/350/150
Niko	310-0190X	15	700/500/350/150
JUNG	LB-Management	8	700/500/350/150
AU	P3	20	700/500/350/150
Philips	SED-200A	22	700/500/150
Merten/Schneider	SBD315RC	36	700/500/350/150
Etman	ETM327	45	700/500/350/150
Etman	ETM329	45	700/500/350/150
Etman(EGANT)	U321V2	36	700/500/350/150
CASAMBI	CBU-TED	15	700/500/350/150

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

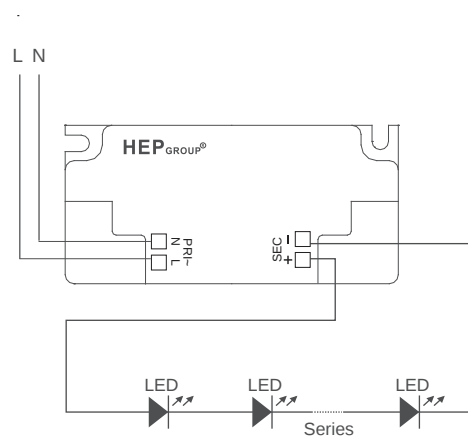
Terminal Block : PRI : Screw Type
 SEC : Screw Type

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