



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	95mA	
	Total Harmonic Distortion (THD)		
	G5LT15W300/350/500LR-Z	< 15%	Full load @230VAC
	G5LT15W700LR-Z	< 18%	Full load @230VAC
	Power factor	0.9C	Full load @230VAC
	Displacement factor	0.9C	Full load @230VAC
	Efficiency	80% (Typ.)	Full load @230VAC
	No-load power	NA	
	Stand-by power	NA	
	Protection class	II	Suitable for class I and II luminaires
Output	Inrush current	10A / 40us	
	Max.units per circuit breaker	Type B , 10A MCB	42
		Type B , 16A MCB	67
		Type C , 10A MCB	53
		Type C , 16A MCB	84
	Earth leakage current	NA	
	Nominal voltage range		
	G5LT15W300LR-Z	26-43Vdc	
	G5LT15W350LR-Z	26-43Vdc	
	G5LT15W500LR-Z	18-30Vdc	
	G5LT15W700LR-Z	13-21Vdc	
	Maximum voltage		
	G5LT15W300LR-Z	60Vdc	
	G5LT15W350LR-Z	60Vdc	
	G5LT15W500LR-Z	45Vdc	
	G5LT15W700LR-Z	35Vdc	

	Item	Value	Remark
Output	Nominal current range		
	G5LT15W300LR-Z	300mA	
	G5LT15W350LR-Z	350mA	
	G5LT15W500LR-Z	500mA	
	G5LT15W700LR-Z	700mA	
	Current accuracy		Full load @230VAC
	G5LT15W300/350LR-Z	± 6.5%	
	G5LT15W500/700LR-Z	± 5%	
	Typical output LF current ripple	± 5%	Low Frequency<120Hz
	Starting time	< 0.5S	Full load @230VAC
	SVM	≤0.4	Full load @230VAC
	P _{stLM}	≤1	Full load @230VAC
	Nominal power range		
	G5LT15W300LR-Z	7.8-12.9W	
	G5LT15W350LR-Z	9.1-15W	
	G5LT15W500LR-Z	9-15W	
	G5LT15W700LR-Z	9.1-14.7W	
	Maximum power	15W	
Dimming	Dimming control	Trailing Edge	
	Dimming technique	Amplitude	
	PWM frequency	NA	
	Dimming range	10-100%	
	Lowest dimming current	NA	
	Galvanic isolation	NA	
Environment	Ambient temperature range t _a	-20°C - +50°C	
	Maximum case temperature t _c	90°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	-25°C - +85°C	
	Relative humidity	10% - 85%	
	Surge transient protection	1 kV , 2KV	L/N , L-PE/N-PE
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	
	Expected lifetime	> 50,000 h, t _c 90 °C @ t _a 50 °C > 100,000 h, t _c 80 °C @ t _a 40 °C	0.2 % / 1,000 h failure rate
	Gross weight/Carton	7.6 kg	
	Net weight/Carton	6.9 kg	
Packing	Pcs/Carton	100 PCS	
	Dimension/Carton	490(L)*270(W)*225(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 61547:2023	
CCC standard:		GB17625.1,GB/T17743,GB19510.1,GB19510.14	

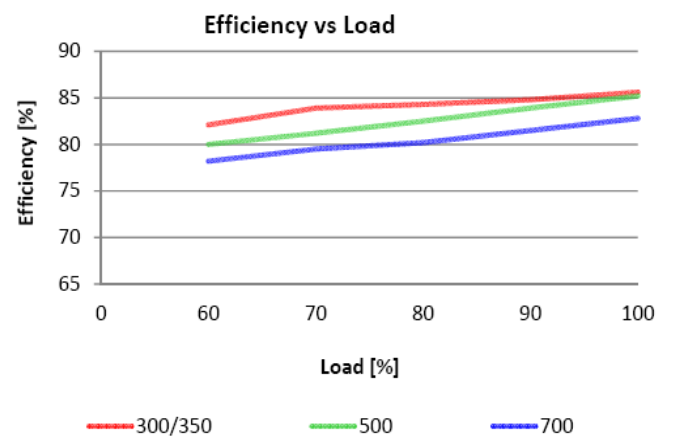
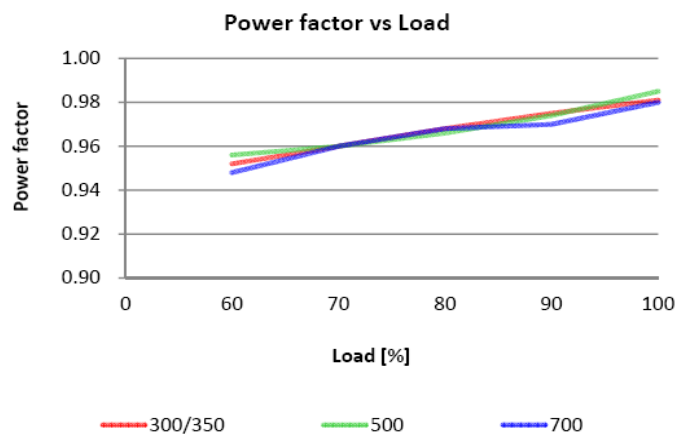
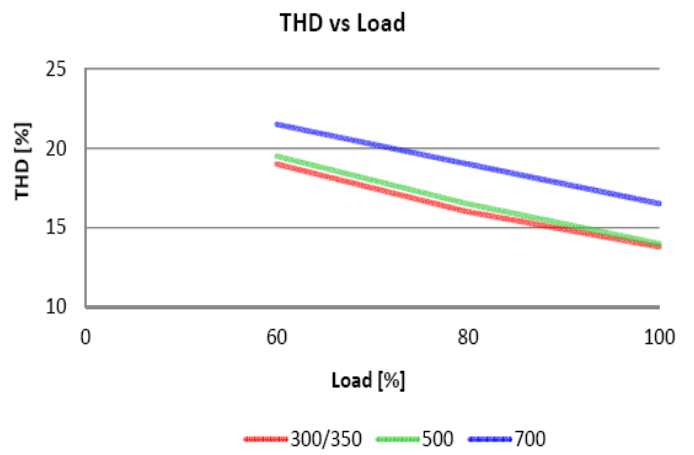
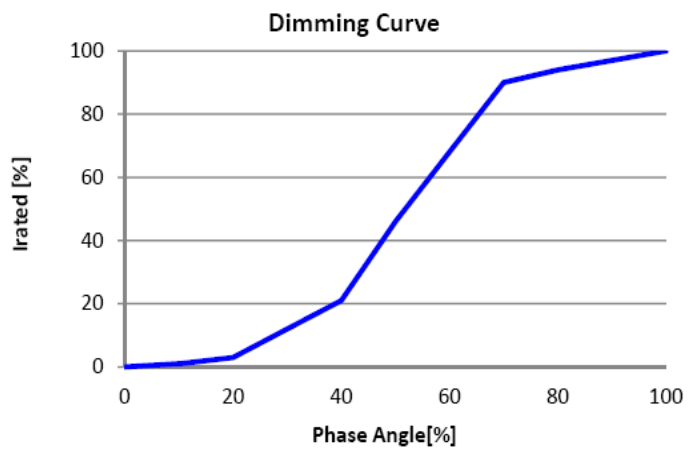
Cable information	
PRI	
Cable cross-section	0.75-1.5 mm ² /AWG 18-16
Stripping	6mm
Pull test cable type	H03VV(H2)-F 2x0,75-1,5 mm ² , H05VV(H2)-F 2x0,75-1,5 mm ²
SEC	
Cable cross-section	0.5-1.5 mm ² /AWG 20-16
Stripping	6mm
Terminal information	
PRI-Screw type	
SEC-Screw type	

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

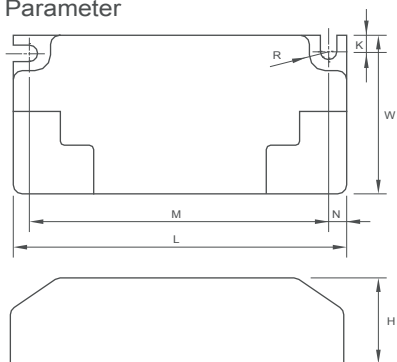
Subject to change without notice, HEP guarantees all products perform functionally well

Trailing Edge Dimmer list approved by HEP

Manufacturer	Model	Q'ty of parallel connection
Schneider	CCTSE12011	15
CLIPSAL	32E450UDM	20
HPM	CAT400T	20
Berker	2874	25
Busch	6513U-102	20
JUNG	225 TDE	25
Schneider	SBD315RC	15
Etman	ETM321P	15
Etman	ETM322P	30
EGANT	U327	20
Busch	6523 UR-103	16
Busch	6523 U-102	16
Niko	310-0190X	8
JUNG	LB-Management	4
Merten	SBD200LED(MEG5134-0000)	8
AU	P3	10
CASAMBI	CBU-TED	7



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

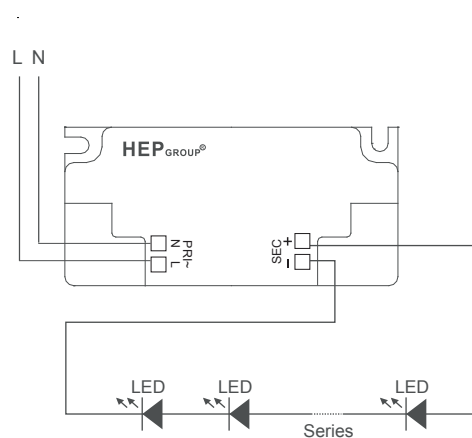
Tolerance : $\geq \pm 1$ mm

Terminal Block : PRI : Screw Type
SEC : Screw Type

Housing Material : Polycarbonate

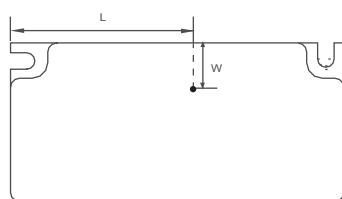
Soldering : Lead-Free, Comply With RoHS
Label : Surface Print

Wiring Diagram



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

TC point at bottom side of the case



L : 50 mm W: 10 mm