HEP ower for light

LSC6W Series

100-240VAC

Constant Current LED Driver

Approval Marks

05 KEMA EUR

Certified

EN 61347-1:2008+A1:2011
EN 61347-2-13:2006
EN 62384:2006+A1:2009

Electronic

Parameter		Conditions	Min	Nom	Max	Unit
I/P Voltage Range			90	100-240	264	Vac
Input Frequency			47	50-60	63	Hz
Input current	LSC6W320 UNI,LSC6W500 UNI	@230V	-	34	-	mA
	LSC6W350 UNI,LSC6W700 UNI	@230V	-	36	-	mA
Output Voltage Range	LSC6W320 UNI		9.4	-	18.8	Vdc
	LSC6W350 UNI		8.6	-	18	Vdc
	LSC6W500 UNI		6	-	12	Vdc
	LSC6W700 UNI		4.3	-	9	Vdc
Output Current Range	LSC6W320 UNI		304	320	336	mA
	LSC6W350 UNI		332	350	368	mA
	LSC6W500 UNI		475	500	525	mA
	LSC6W700 UNI		665	700	735	mA
Rated Output power	LSC6W320 UNI		3	-	6	W
	LSC6W350 UNI		3	-	6.3	W
	LSC6W500 UNI		3	-	6	W
	LSC6W700 UNI		3	-	6.3	W
THD			-	-	20	%
Efficiency		Full Load	-	78	-	%
Standby Power			-	-	1	W
Rise Time			-	500	-	ms
Start-up Delay			-	500	-	ms
Ripple current		peak to peak @ full load	-	80	-	%
Output Current Overshoot			-	-	40	%
Power Factor		Full Load	0.90	-	-	-
Protection			Short Circuit Protection			
			Overload Protection			
			Overheat Protection			
RoHS Standard				Compliant		
Case Temp. (Tc)	LSC6W500 UNI,LSC6W700 UNI		-	-	75	°C
	LSC6W320 UNI,LSC6W350 UNI		-	-	80	°C
External Operating Temperature			-20	-	+50	°C
Operating humidity range			10	-	90	%
Storage Temp. range			-25	-	+85	°C
Lifetime		at Max Case hot spot Temperature	-	-	30,000	hrs
Case Dimensions		L x W x H	55	38.5	22	mm

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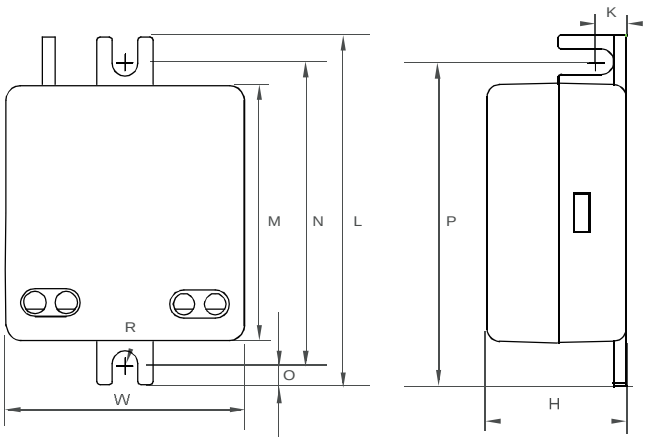
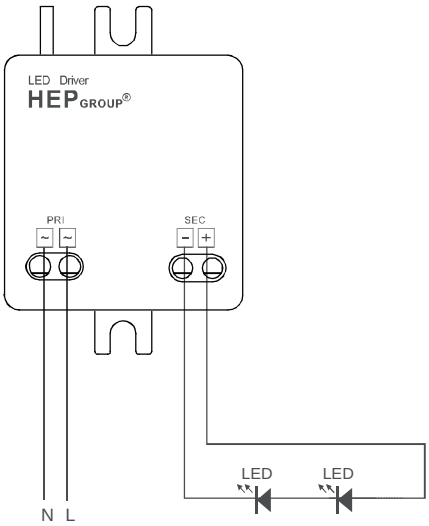
Physical
Parameter



L :	55.5	mm	W :	38.5	mm	R :	2.1 mm
M :	41.1	mm	P :	51.3	mm		
N :	48	mm	H :	22	mm		
O :	3.3	mm	K :	22	mm		

Tolerance : ≥0 ~ 100 ≥ +/-0.5mm
100 ≥ +/-1 mm

Terminal Block : PRI : Screw Type - AWG# 18-16
SEC : Screw Type - AWG# 18-16
Housing Material : Polycarbonate
Soldering : Lead-Free, Comply With RoHS
Label : Surface Print

Wiring Diagram