



Current Constant LED drivers IP20 30-900T, 37-900T

LED Driver\Specification		30-900T IP20.B.1.2.1.0.1.1	37-900T IP20.A.1.2.1.0.1.1
Output parameters	Output current	0.9 A \pm 5%	0.9 A \pm 5%
	Admissible output voltage range	22 V - 33 V	27 V - 44 V
	Output current ripple	<9 mA	
	Pulsations of luminous flux	<1%	
	Turn-on time	1.3 sec	
	Max output power	30 W	37 W
Input parameters	Max input power	34 W	42 W
	Supply voltage	176V - 264V AC / 250V - 370V DC	
	Supply voltage extreme range ¹	150V - 280V AC / 250V - 394V DC	
	Power factor corrector	yes	
	Frequency range	45 Hz - 65 Hz	
	Power factor	~ 0.96	~ 0.97
	Efficiency	~ 85%	~ 87%
	Nominal AC current	0.16 A	0.18 A
	Inrush current	0.3 A max	
	Leakage current	<0.7 mA	
Protection	EMC	Correspond to EN 55015:2000, IEC 61000-3-2:2005, IEC 61000-3-3:2008, IEC 61547-2011	
	Over voltage	restores automatically	
	Output	> 35 V	> 47 V
Operating conditions	Short circuit protection	restores automatically	
	Ambient temperature	-40°C to +50°C	
	Humidity	<95% RH non-condensing	
	Vibratory loads, max	0.5-35 Hz, 5m/sec ² , 30 min	
Safety	Connection type	detachable terminal blocks	
	Galvanic isolation	yes	
	Withstand voltage (input-output); (input-grounding) (output - grounding)	>1,5 kV AC	
	Isolation resistance (between live parts and body)	>200 MOhms	
Others	Standards on general requirements and safety	IEC 61347-1:2007; IEC 61347-2-13:2011 and TY 3461-003-609440703-2013	
	Dimension (LxWxH), mm	202x30x27	202x40x27
	Storage conditions	-60°C to +85°C	
	Lifetime	60000 h	
	Manufacturer's warranty	3 years since the date of commissioning, but no more than \geq 4 years since the date of delivery date	

All parameters are measured with supply voltage 230 V AC and nominal load under the 25 °C of ambient temperature

1 - Supply voltage range under which the declared characteristics of the driver could not be reached, but the operating capacity is guaranteed.

Derating may be needed under low input voltage. Please check the static characteristics for more details.

LED driver is considered as a component that will be operated in combination with final equipment (lighting). Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.