Current Constant LED driver 60-700T, Cylindrical

	LED Driver\Specification	60-700T IP00.F0.1.2.1.0.1.1
Output parameters	Output current	0.7 A ±5%
	Admissible output voltage range	40 V - 85 V
	Output current ripple	<7 mA
	Pulsations of luminos flux	<1%
	Turn-on time	1.4 sec
	Max output power	60 W
Input parameters	Max Input power	68 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
	Efficiency	~ 85%
	Nominal AC current	0.16 A
	Inrush current	0.53 A max
	Leakage current	<0.7 mA
	EMC	Correspond to EN 55015:2000, IEC 61000-3-2:2005, IEC 61000-3-3:2008, IEC 61547-2011
Protection	Over voltage	restores automatically
	Output	> 86 V
	Short circuit protection	restores automatically
Operating conditions	Ambient tempereture	-40°C to +50°C
	Humidity	<95%,RH non-condencing
	Vibratory loads, max	0.5-35 Hz, 5м/sec^2, 30 min
	Connection type	entry - wire 3x0.75 mm2 length 300 mm. Exit - wire 2x0.75 mm2 length 300 mm. PVC (opertating temperature to - 40˚C)
Safety	Galvanic isolation	yes
	Withstand voltage (input-output); (input-grounding) (output - grounding)	>1.5 kV AC
	Isolation resistance (between live parts and body)	>200 MOhms
	Standards on general requirements and safety	IEC 61347-1:2007; IEC 61347-2-13-2011 and ТУ 3461-003-609440703-2013
Others	Dimensions	Cylindrical, 80mm in diametre, height 28мм
	Storage conditions	-60°C to +85°C
	Lifetime	60000 h
	Manufacturer's warranty	3 years since the date of comissioning, but no more then ≥4 years since the date of delivery date

All parameters are measured with supply voltage 230 V AC and nominal load under the 25 ^{0}C of ambient temperature

1 - Supply voltage range under which the declared chatacteristics 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 eqiupment manufacturers must re-qualify EMC Directive on the complete installation again.