

Namron skapbelysning driver 600mA

Art.nr: 6603273



PRODUCT DESCRIPTION

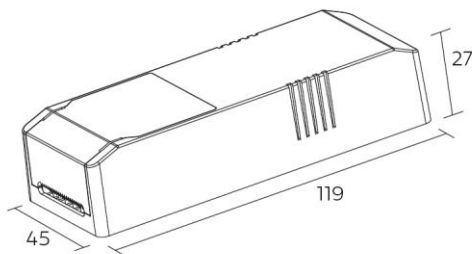
- An independent LED constant voltage driver equipped with DC cable and connector, AC power plug/cord.
- Reliable, Class II, SELV according EN 61347
- $\pm 5\%$ output current accuracy (under maximum load)
- Protection for output open load, short circuits, over voltage and over temperature
- 75°C Maximum case operation temperature (tc-point ¹)
- Operating temperature ¹: -25°C ~ +45°C
- Over 50,000 hrs nominal lifespan at tc=85°C
- Five-year factory guarantee and lifetime technical support ¹
- Loose wiring inspection don't need to open the transparent end cap

PARAMETERS

MODEL		Namron skapbelysning driver 600mA
Output	Output voltage	22-24VDC
	Rated current	600mA
	Maximum power	13.2W
	Current tolerance	$\pm 5\%$
	Dimming Range	Phase cut dimming
	Ripple voltage ²	400mV
	Ripple current	45mA

	Line regulation	1%	
	Flicker percentage ³	<10%	
	Starting time	<500mS	
	Turn off time	<2.0S	
	Noise ⁴	<22dB	
Input	Voltage	Rated:220-240V; Range:200-264V;	
	Frequency	Rated:50-60Hz, 0Hz; Range:47-63Hz, 0Hz;	
	Power factor	≥0.9	
	I-THD ⁵	≤15%	
	Efficiency ⁶	≥86%	
	AC current	60mA max.	
	Inrush current ⁷	7.5A	
	Inrush current time	50µs	
	Leakage current	<1mA	
	ON/OFF switches cycle	>100,000	
	Standby power	<0.5W	
Control	Dimming control mode	Phase cut dimming	
Protection	Over current	Constant current limiting, recovers automatically after fault condition is removed	
	Over voltage	Shut down output voltage, with auto-recovery or re-power on to recovery	
	Over temperature	Shut down output voltage, recovers automatically after temperature goes down	
	Short circuit	Constant current limiting, recovers automatically after fault condition is removed	
Safety & EMC	Safety standards	EN61347-2-13; Design refer to TUV EN60950-1, TUV EN61347-1	
	Withstand voltage	I/P-O/P:3KVac I/P-FG:1.5KVac O/P-FG: 500Vdc	
	Isolation resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500Vdc/25°C/75%RH	
	EMC emission ⁸	EN55015B, EN55022 Class B, EN61000-3-2, EN61000-3-3	
	EMC immunity	EN61000-4-2, EN61547, EN55024, EN-61000-4-5 Surge immunity Line-Earth: 2KV, L Line- N Line:1KV;	
Environment	Ambient temperature range ⁹	-25°C ~ +45°C	
	Max. case temperature(tc) ¹⁰	85°C	
	Relative humidity range	20% ~ 85%RH	
	Storage temperature range	-25°C ~ +45°C	
MCB Caculate	MCB TYPE B	10A	42
		13A	54
		16A	66
	MCB TYPE C	10A	48
		13A	63
		16A	78
Others	Dimming control mode	Triac dimming	
	Lifetime(hrs)@tc=70°C	>50,000H	
	Glow wire test	850°C for 5S; 650°C for 30S	
	Dimension L x W x H	119 x 45 x 27mm	
	Warranty years	5 years	

- "2" Ripple voltage is measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 100nF & 47uF parallel capacitor.
- "3" The flicker for frequencies of 200 Hz or below, input voltage 230Vac , at 100% output current level and 20% output current level with dimmer attached, output current ripple is defined as $[(I_{max} - I_{min}) / (I_{max} + I_{min})] * 100\%$, (CEC-400-2016-018-FS, Title 24 part 6 JA8).
- "4" The noise of LED driver is defined as test data when driver tested in noise room with 50~60dB environment, and been hang in 1ft (305mm) inside chamber.
- "5" Rated voltage input, rated output current, maximum output current.
- "6" The typical efficiency is test data of output current at input @230Vac with 36V output voltage, maximum output current.
- "7" The inrush current is test data of 230Vac input, cold start, measured at input current peak.
- "8" The driver is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC directive on the complete installation again.
- "9" For other than independent use, higher ta of the control gear possible as long as highest allowed tc point temperature is not exceeded.
- "10" The tc is defined as the highest permissible temperature which may occur on the outer surface of the power under normal operating conditions and at the rated voltage/current/power or the maximum of the rated voltage/current/power range, refer to "output power vs temperature" section.



Dimension	Gross Weight	Net Weight	Qty/Carton
0.119*0.045*0.027m	6.5kg	5kg	25pcs