

# Namron skapbelysning driver 600mA

Art.nr: 6603273



## PRODUCT DESCRIPTION

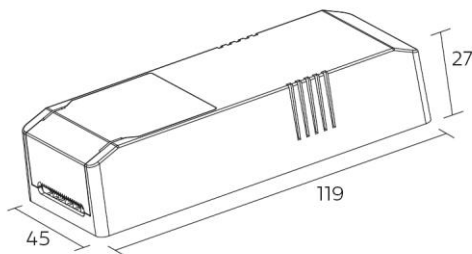
- An independent LED constant voltage driver equipped with DC cable and connector, AC power plug/cord.
- Reliable, Class II, SELV according EN 61347
- $\pm 5\%$  output current accuracy (under maximum load)
- Protection for output open load, short circuits, over voltage and over temperature
- 75°C Maximum case operation temperature (tc-point <sup>1</sup>)
- Operating temperature <sup>1</sup>: -25°C ~ +45°C
- Over 50,000 hrs nominal lifespan at tc=85°C
- Five-year factory guarantee and lifetime technical support <sup>1</sup>
- 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 <sup>2</sup>	400mV
	Ripple current	45mA

	Line regulation		1%
	Flicker percentage <sup>3</sup>		<10%
	Starting time		<500mS
	Turn off time		<2.0S
	Noise <sup>4</sup>		<22dB
Input	Voltage		Rated:220-240V; Range:200-264V;
	Frequency		Rated:50-60Hz, 0Hz; Range:47-63Hz, 0Hz;
	Power factor		≥0.9
	I-THD <sup>5</sup>		≤15%
	Efficiency <sup>6</sup>		≥86%
	AC current		60mA max.
	Inrush current <sup>7</sup>		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 <sup>8</sup>		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 <sup>9</sup>		-25°C ~ +45°C
	Max. case temperature(tc) <sup>10</sup>		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