

Constant Current Electronic Phase Dimmable LED Driver

P/N: SR

The SR-SERIES is a low voltage input, electronic Class 2 phase dimmable LED driver with a compact small form factor making it the perfect choice for landscape lighting, path lighting, spot lighting and other residential and commercial lighting fixture applications. The driver has an input voltage range of 9 - 15 VDC or VAC and is available in 350mA, 450mA, 600mA and 700mA output configurations. The SR-SERIES driver is phase dimmable with both leading and trailing edge TRIAC dimmers. Dimming depends on dimmable LED power source.

Installation: Wire Leads

Driver Type: Class 2 Single Channel

Dimming: Phase Dimmable with Leading (Forward) or Trailing (Reverse) Edge TRIAC Dimmer

Input Voltage: 9 - 15VAC or 9 - 15VDC, 50/60Hz

Output Voltage: 6VDC - 12VDC

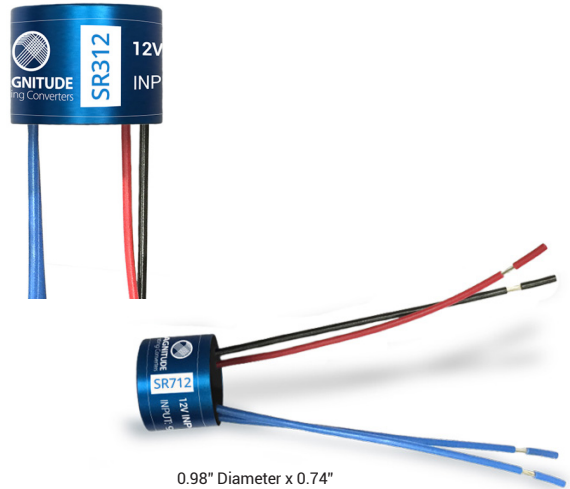
Output Current: 350 - 700mA

Environmental: Dry and Damp

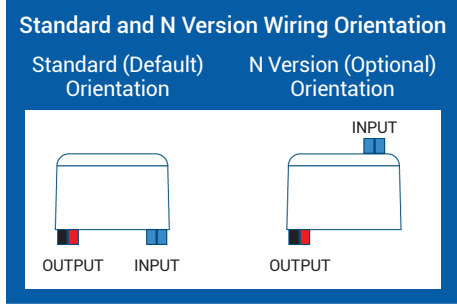
Listing: UL Recognized

Certifications: UL8750 | CSA C22.2 No. 250.13-12

Warranty: 5-Year Warranty



0.98" Diameter x 0.74"

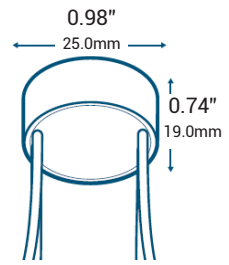


Ordering Guide Example: SR312-N

SR 12 -

TYPE	OUTPUT CURRENT	INPUT	WIRING ORIENTATION (OPTION)
SR - SR-SERIES	3 - 350mA	12 - 12VAC / 12VDC	- Leave Blank For Standard
	4 - 450mA		N - N Version
	6 - 600mA		
	7 - 700mA		

DIMENSIONS	
DIAMETER	0.98" (25.0mm)
HEIGHT	0.74" (19.0mm)

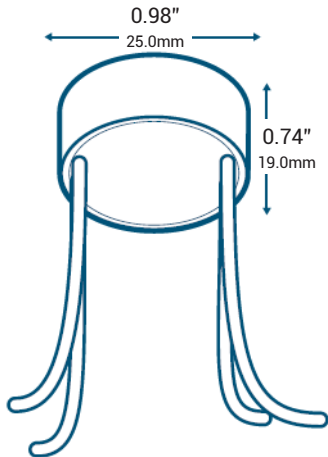


Specifications

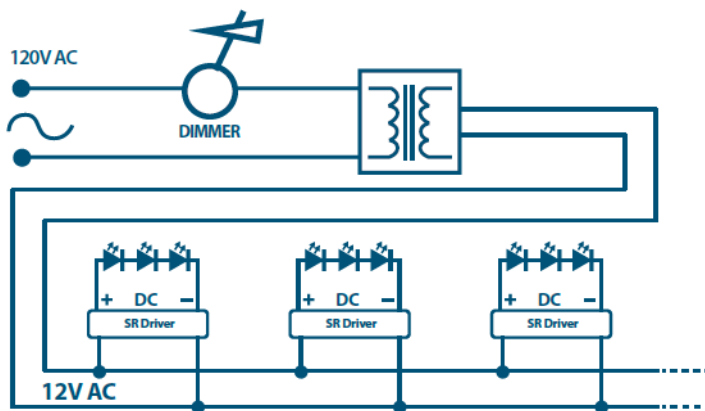
INPUT			
Input Voltage Range	12V AC / 12VDC ± 10%		
Efficiency (Typical)	83%	85%	87%
OUTPUT			
Max Load	4.9W	6.3W	9.8W
Output Current	350mA	450mA	700mA
ENVIRONMENTAL			
Operating Temperature	-30°C - +40°C (-22°F - 104°F)		
MECHANICAL HOUSING			
Input/Output Leads	18 AWG	18 AWG	18 AWG
Diameter	0.98" (25.0mm)	0.98" (25.0mm)	0.98" (25.0mm)
Height	0.74" (19.0mm)	0.74" (19.0mm)	0.74" (19.0mm)
Housing Material	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum
Housing Color	Blue	Blue	Blue
APPROVAL MARKINGS			
Certificates / Approval Signs	UL 8750 / Class 2	UL 8750 / Class 2	UL 8750 / Class 2

Mechanical Diagram

350mA / 450mA / 700mA



Wiring Diagram

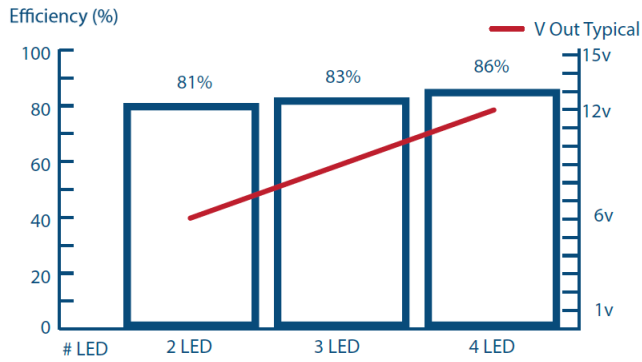


Assembly Example

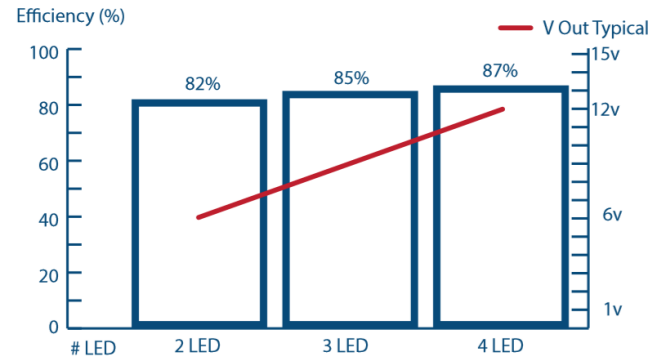


Efficiency

350mA



450mA



700mA

