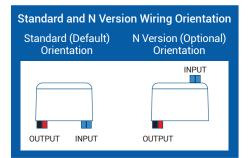


Constant Current Electronic Phase Dimmable LED Driver

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



Ordering Guide Example: SR312-N

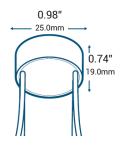
5			
SR 12 -	-		
ТҮРЕ	OUTPUT CURRENT	INPUT	WIRING ORIENTATION (OPTION)
SR – SR-SERIES	 3 - 350mA 4 - 450mA 6 - 600mA 7 - 700mA 	12 - 12VAC/12VDC	 Leave Blank For Standard N - N Version
DIMENSIONS			
DIAMETER	0.98" (25.0mm)		
HEIGHT	0.74" (19.0mm)		



P/N: SR







Page 1 of 4



Customercare@magnitudeinc.com www.MagnitudeInc.com WE **DRIVE** LIGHT

14711 Bentley Circle. Tustin, CA 92780

Customer Service: (714) 312-5080 Fax: (714) 312-5070



SR SERIES

Specifications

INPUT			
Input Voltage Range	9-15 VDC or VAC		
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



14711 Bentley Circle. Tustin, CA 92780 Customer Service: (714) 312-5080 Fax: (714) 312-5070 Customercare@magnitudeinc.com www.MagnitudeInc.com

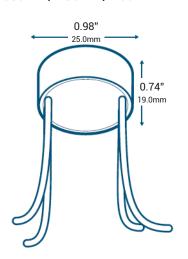
WE DRIVE LIGHT

Page 2 of 4

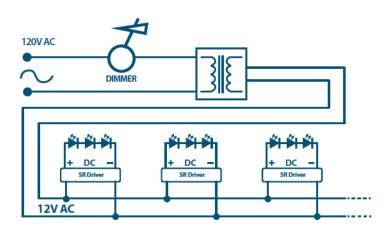


SR SERIES

Mechanical Diagram 350mA / 450mA / 700mA



Wiring Diagram



Assembly Example





14711 Bentley Circle. Tustin, CA 92780 Customer Service: (714) 312-5080 Fax: (714) 312-5070 Customercare@magnitudeinc.com www.MagnitudeInc.com

WE DRIVE LIGHT

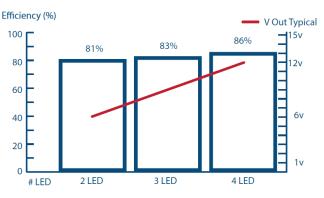
Page 3 of 4



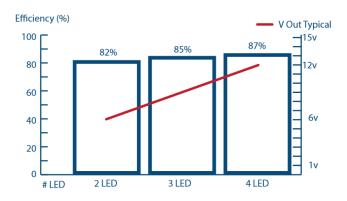
SR SERIES

Efficiency

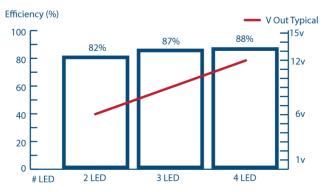




450mA



700mA





14711 Bentley Circle. Tustin, CA 92780 Customer Service: (714) 312-5080 Fax: (714) 312-5070 Customercare@magnitudeinc.com www.MagnitudeInc.com

WE DRIVE LIGHT

Page 4 of 4