

# LED STEP-DIMMING DRIVER Single Output Circuit

Output Range 27V to 55V **Selectable** Multi Current 0.8A to 1.5A Max 54W  
**Class 2 TL Rated** with Terminal Blocks

Universal Voltage 120-277V Electronic **Selectable** Multi Current Range 800mA to 1500mA Bi-Level Step Dimming LED Driver. Output Range between 27V to 55V for Single Output circuit 54W maximum.

## Technical Specification:

Class 2 UL, CUL Recognized, ROHS Compliant  
 EMI FCC Part 15, Class A  
 Rating: TL IP 34 Damp  
 Output Open/Short Protection  
 Min. Starting Temp: - 40° C  
 Max. Case Temp: 90° C  
 Terminal blocks

Input Voltage range:  $\pm 5\%$   
 Output Load range  $\pm 5\%$   
 Input Frequency: 50/60HZ  
 THD: < 20%  
 Power Factor Min: > 0.90  
 Remote Wiring Distance Full Load: 18AWG -18 ft

Contact Sage for Customized Current Selectable Options

Case Size: Series E13

Due to continuing efforts to offer improved products all specifications are subject to change without prior notice

INPUT VOLTAGE	INPUT CURRENT	INPUT WATTS	OUTPUT POWER WATTS MAX	OUTPUT VOLTAGE	OUTPUT CURRENT AMPS	TYPICAL EFFICIENCY %	MODEL
120-277	0.44 – 0.19	53	44	27-55	0.8	83	RU1500DD4C54WS
	0.58 – 0.25	64	54	27-51	1.05	83	
	0.58 – 0.25	64	54	27-43	1.25	85	
	0.58 – 0.25	64	54	27-36	1.5	85	

### LIMITED WARRANTY

5 YEAR at maximum case temperature 75 deg C. 3 YEAR at maximum case temperature 90 deg C. Manufacturer warrants to the purchaser: Product will be free from defects in material or workmanship from the date of manufacture conditioned upon proper storage, installation, use, and maintenance and conformance with any recommendations of Manufacturer.

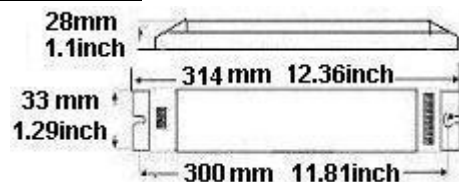
### STEP - DIMMING LED DRIVER GUIDE

SWITCH POSITION		LIGHT OUTPUT
S1	S2	
CONNECTED	CONNECTED	100%
CONNECTED	OPEN	50%
OPEN	CONNECTED	50%
OPEN	OPEN	0%

### Output Power Connection

Position	Color	Output Current Amps
LED -	Purple	0.8
	Yellow	1.05
	Orange	1.25
	Blue	1.5
LED +	Red	

Tref Value (° C)	Tc/Tref Value (° C)	Ta Value (° C)
90	62.9	40



**WARNING: Always Disconnect Power Before Handling.**

Case Should be Grounded. Install in Accordance with National and Local Electrical Codes.

	L	W	H	ML
Series E13	314 mm	33 mm	28 mm	300 mm
Case Size:	12.36inch	1.29inch	1.1inch	11.81inch

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