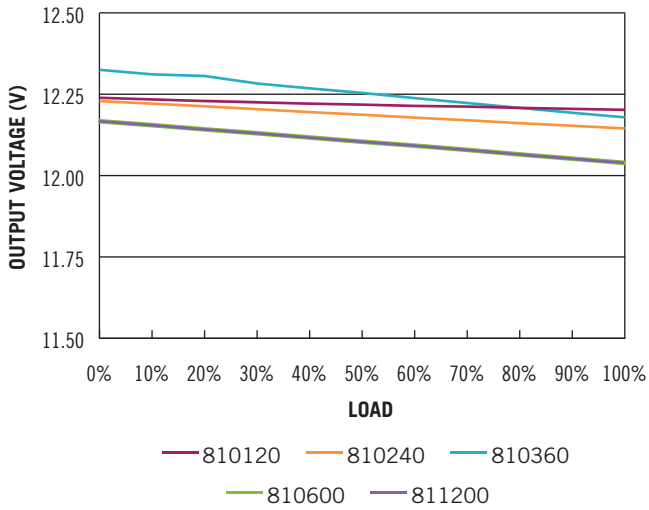


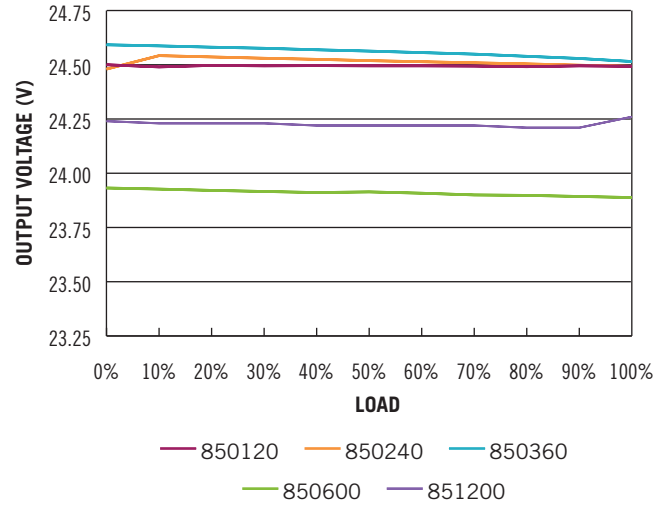
MODEL		810120 UL CLASS 2	850120 UL CLASS 2	810240 UL CLASS 2	850240 UL CLASS 2	810360 UL CLASS 2	850360 UL CLASS 2	810600 UL 1012	850600 UL 1012	811200 NON CLASS 2	851200 NON CLASS 2
OUTPUT	DC Voltage	12V	24V	12V	24V	12V	24V	12V	24V	12V	24V
	Rated Current	1A	0.5A	2A	1A	3A	1.5A	5A	2.5A	10A	5A
	Rated Power	12W		24W		36W		60W		120W	
	Voltage Tolerance	+/-0.5V									
	Start-up Time (Typ.)	<500ms									
INPUT	Voltage Range	100 – 120VAC									
	Frequency Range	50/60Hz									
	AC Current (Typ.)	0.3A	0.3A	1A	1A	1A	1A	1.2A	1.2A	3.2A	3.2A
	Efficiency (Typ.)	84%	87%	87%	88%	88%	88%	90%	91%	88%	90%
	Power Factor (Typ.)	0.50c @ 120VAC and full load									
	Inrush Current (Typ.)	29A / 120VAC		35A / 120VAC		36A / 120VAC		38A / 120VAC		131A / 120VAC	
	Leakage current	<0.5mA / 120VAC									
GUARDS	Over Current	Hiccup mode, auto-recovery upon removal of fault condition									
	Short Circuit	Hiccup mode, auto-recovery upon removal of fault condition									
ENVIRO.	Ta	-4°F (-20°C) to 104°F (40°C)									
	Working Humidity	20 – 90% Relative Humidity, non-condensing									
	Storage Temp. & RH	-40°F (-40°C) to 176°F (80°C), 10 – 95% Relative Humidity									
	Vibration	10 – 500Hz, 2G 10min./1 cycle, period for 60min. each along X, Y, Z axes									
SAFETY & EMC	Safety Standards	UL Std. 8750, CAN/CSA Std. C22.2 No. 250.13; Class 2 Power Supply, ETL Listed for dry and damp location use								UL Std. 1012, CAN/CSA Std. C22.2 No. 107.1, Non Class 2 Power Supply, ETL Listed for dry and damp location use	
	Withstand Voltage	I/P – O/P: 1.2KVAC									
	Isolation Resistance	I/P – O/P: 100M Ohms / 500VDC / 25°C / 70% RH									
	EMC Emission	Compliance to FCC Part 15B (>=50% loading)									
OTHER	MTBF	292K hrs min.		318K hrs min.		308K hrs min.		300K hrs min.		158K hrs min.	
	Cooling	Free Air Convection									
	Life Time*	30,000 hours									
	Case	Fully isolated polycarbonate plastic case with built in terminal block for direct-wire connections									
	Dimensions	4.06" L x 1.39" W x 0.67" H (103mm L x 35.4mm W x 17mm H)		5.24" L x 1.69" W x 1.22" H (133mm L x 42.8mm W x 31mm H)		5.24" L x 1.69" W x 1.22" H (133mm L x 42.8mm W x 31mm H)		6.69" L x 2.32" W x 1.30" H (170mm L x 59mm W x 33mm H)		8.07" L x 2.80" W x 1.38" H (205mm L x 71mm W x 35mm H)	

*Note: Life time tested under adverse operating conditions with ambient air temperature at 104°F and under full wattage load, failure rate <10%
Note: All parameters NOT specially mentioned are measured at 120VAC input, rated load and 25°C of ambient temperature.

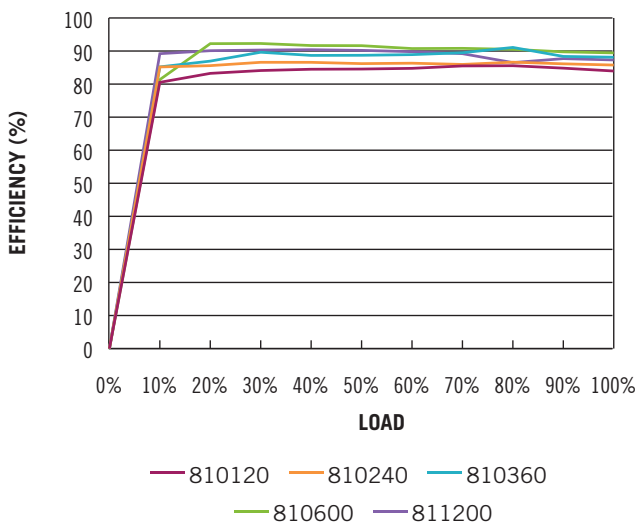
OUTPUT VOLTAGE VS LOAD (1)



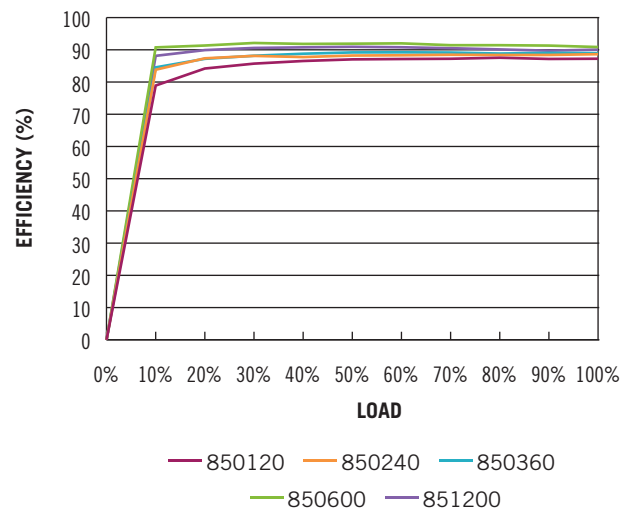
OUTPUT VOLTAGE VS LOAD (2)



EFFICIENCY VS LOAD (1)



EFFICIENCY VS LOAD (2)



To learn more, see armacostlighting.com or contact support@armacostlighting.com.