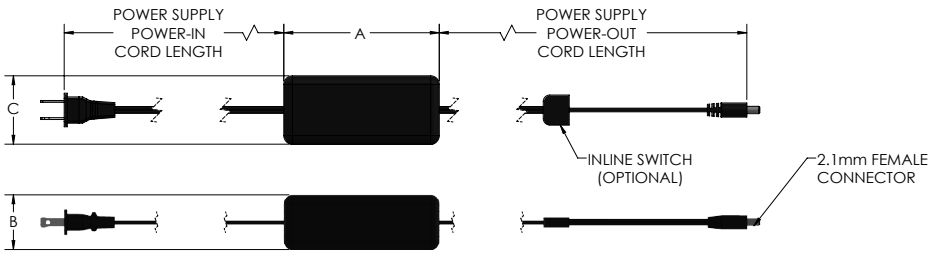
LED POWER SUPPLY

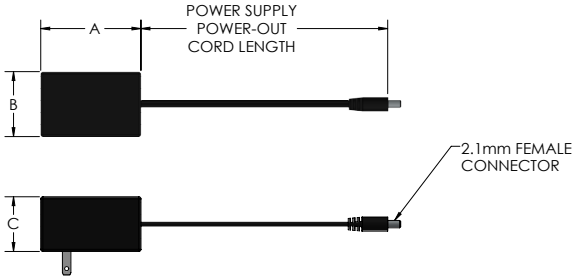
LOUISVILLE LAMP CO.

DRAWINGS

INLINE STYLE
1.0 - 10.0 AMP



PLUG-IN STYLE
1.0 - 2.5 AMP



Amps	A	B	C
1.0*	3.5"	1.15"	1.8"
1.5*	3.8"	1.16"	1.7"
2.5**	4.8"	1.3"	2.1"
5.0***	4.8"	1.3"	2.1"
7.0	6.0"	1.5"	2.4"
10.0	7.0"	1.9"	3.0"

* CLASS 2 POWER SUPPLY 12V & 24V
** CLASS 2 POWER SUPPLY 12V

SPECIFICATIONS

Amp Output	1.0	2.5	5.0	7.0	10
Wiring	Input Wiring				
	N/A			SPT-2 18 ga	
	Output Wiring				
	SPT-1 18 ga			UL 1185 18 ga	
Output Connector	2.1mm DC Female				
Input Connector	Two Prong				
Environment	Indoor, Dry				
Certifications	CLASS 2, UL E127884, E231682, E248122				
Warranty	3 Year				

POWER SUPPLY

ORDERING INFORMATION

PS	L	–	0250	–	M	072	–	F	072	–	000
Model	Body Style		Output Amps		Power-In Connector	Power-In Cord Length		Power-Out Connector	Power-Out Cord Length		Variations
PS= Constant Voltage Power Supply	L=Inline 12V P=Wall Plug 12V L24=Inline 24V P24=Wall 24V		0100=1.00 0150=1.50 0250=2.50 0500=5.00 0700=7.00		M=Male F=Female	072=72"		M=Male F=Female	072=72"		000=Std Female 2.1mm Connector SW6=Inline Switch 6" from End Consult factory for additional options

SIZING CHART

- Combine Linear Feet of all LED strips. (12" + 36" = 48", then 48"/12 = 4 Linear Feet of LEDs)
- Multiply Linear Feet x LED/Ft to get # of LEDs. (4 Ft x 54/Ft = 216 LEDs)
- Multiply # of LEDs x VF to get Total Amps. (216 LEDs x .0067 = 1.45 Total Amps)
- Choose appropriate Power Supply Based on Total Amps.
  (I.E. - If Total Amps = 1.54, then choose 2.5 Amp Power Supply)
  (Calculated amps should not exceed Power Supply Amps)

VF=Voltage Factor
0.0200 for 5050 chip 12V
0.0067 for 3528 chip 12V
0.0067 for 3020 chip 12V
0.0029 for 3020 chip 12V