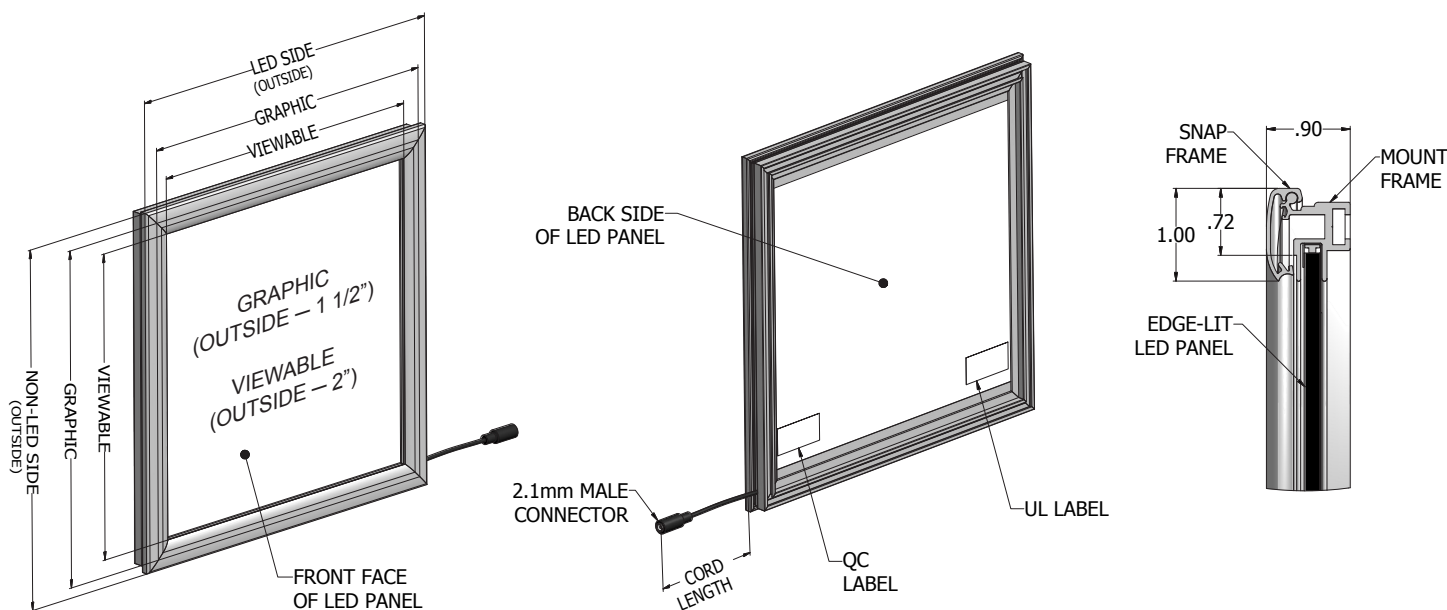


LED LOW PROFILE SNAP FRAME LIGHTBOX



FEATURES

- Low profile aluminum frame (less than 1")
- Available as single or double-faced
- Custom sizes and colors available
- High intensity LEDs
- Easy to install & replace graphics
- Available in 3500K, 4100K, 5600K, & 6400K
- Up to 60,000 hrs useable life
- Panel sizes up to 8' x 4'
- Connecting cables available for daisy chain
- UL approved

SPECIFICATIONS

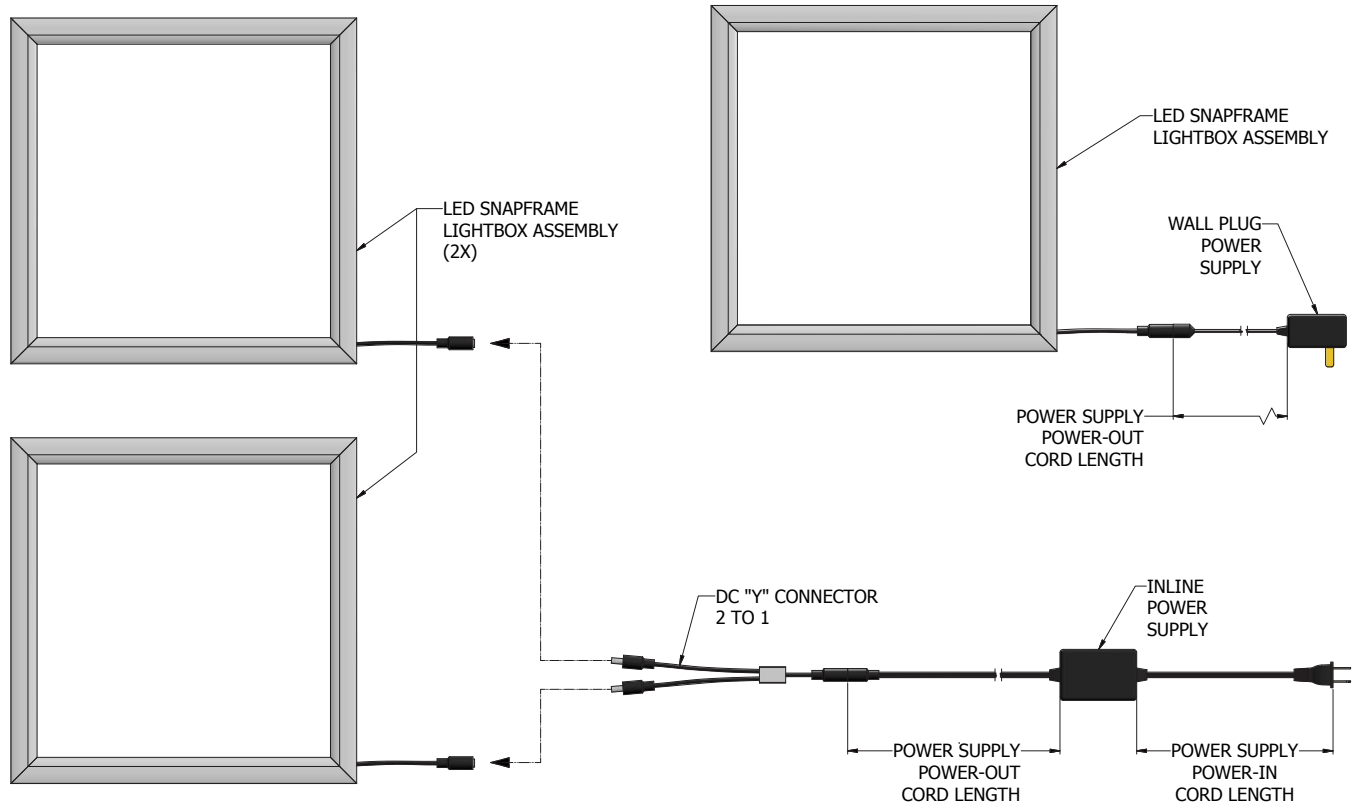
LED Chip Size	3020	5050/5630	LED Color Temp	3000K, 3500K, 4100K, 5600K, & 6400K				
LEDs / Ft	18	36	42	54	27	30	Lamp Life (L70@45°C)	60,000 hrs
LED Wattage/Ft (2 Edge)	2.8	5.8	6.7	8.6	13.0	14.4	Panel Material	4mm to 6mm Screened Acrylic, Polished Edges
Lux Range	2500 to 6000 Lux						Wiring Specs	22ga (AWM 2468x2C, AWM 2464x2C)
Max LED Edge Length (Inches)	96"						Connector Specs	2.1mm DC Barrels, Molex, Flat Pin, Pigtail
Max Inches Between Edges	48"						Environment	Indoor, Outdoor
LED Operating Temp	-30°C to 85°C						Certifications	UL
LED PCB & Circuit	FR4, Copper Circuit						Warranty	3 Year

LED LOW PROFILE SNAP FRAME LIGHTBOX ORDERING INFORMATION

LB	4	S	E	-	1200	-	1200	-	05	W	4	-	S	-	A
Model	Frame Style	Output Direction	Light Direction		LED Side (Inches)		Non-LED Side (Inches)		LED/FT	LED Color	Temp (Kelvin)		Frame Color		Variations
LB= Light Box	4=Low Profile Snap Down	S=Single Faced	E=Edge Lit		1200=12.00"		1200=12.00"		01=18/FT - 3020 CHIP 02=30/FT - 3020 CHIP 03=36/FT - 3020 CHIP 04=42/FT - 3020 CHIP 05=54/FT - 3020 CHIP 06=27/FT - 5050 CHIP 14=27/FT - 5630 CHIP	W=White B=Blue G=Green 4=6400 R=Red Y=Yellow Z=RGB	1=3000 2=3500 3=4100 4=6400 5=5600 6=5000		B=Black S=Silver W=White X=Custom		A= 2 LED Edges (Std) X=Custom B= 1 LED Edge C= 4 LED Edges
Example: LB4SE-1200-1200-05W4-S-A															

LED LOW PROFILE SNAP FRAME LIGHTBOX

SAMPLE APPLICATION LAYOUTS



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 0250=2.50 0500=5.00 0700=7.00 1000=10.00	M=Male F=Female	072=72"	M=Male F=Female	072=72"	000=none

RELATED CONNECTOR CORDS

	LED-CC-036-MF DC Connector Cord, 36" Overall Length, Incoming 2.1mm Straight Male, 2464 Round Cord Type, Outgoing 2.1mm Straight Female
	PS-1M00-2F06-000 DC Y Connector, 6" Overall Length, (1) Incoming 2.1mm Male, (2) Outgoing 2.1mm Female
	PS-1M05-3F06-000 DC Y Connector, 11" Overall Length, (1) Incoming 2.1mm Male, (3) Outgoing 2.1mm Female
	PS-1M05-4F06-000 DC Y Connector, 11" Overall Length, (1) Incoming 2.1mm Male, (4) Outgoing 2.1mm Female
	LED-CC-GENBEND DC Male Gender Bender

POWER SUPPLY SIZING INSTRUCTIONS

- 1) Figure Linear Feet of LEDs by combining all LED sides.
(12" + 12" = 24", then 24"/12 = 2 Linear Feet of LEDs)
- 2) Multiply Linear Feet x LED/Ft to get # of LEDs.
(2 Ft x 54/Ft = 108 LEDs)
- 3) Multiply # of LEDs x VF to get Total Amps.
(108 LEDs x .0067 = 0.72 Total Amps)
- 4) Choose appropriate Power Supply Based on Total Amps.
(I.E. - If Total Amps = 0.72, then choose 1.0 Amp Power Supply)
(DO NOT EXCEED TOTAL AMPS)

VF=Voltage Factor
0.0067 for 3020 chip 12V
0.02 for 5050/5630 chip 12V