



# **LED DRIVER LIGHT BOX**

## INDICE/INDEX



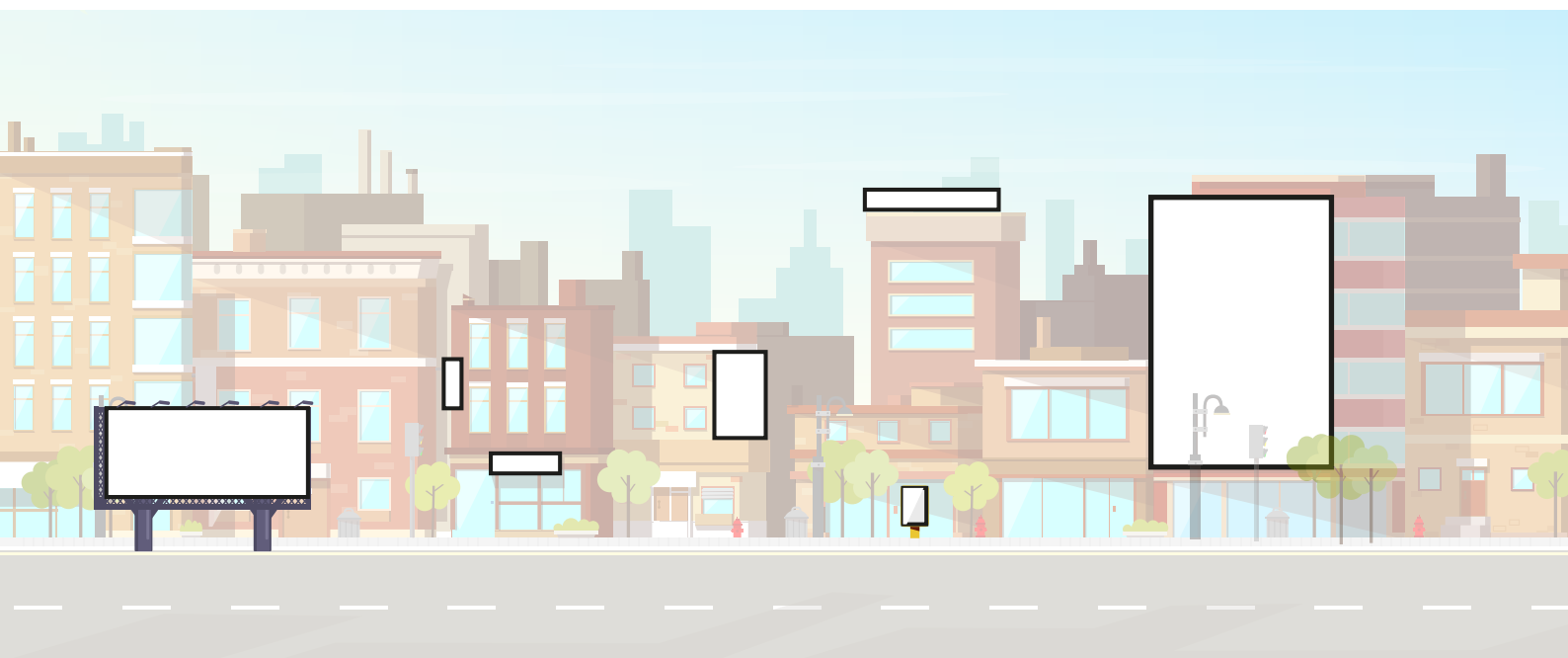
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Con un'esperienza di oltre trent'anni nella distribuzione di componenti elettronici (Industrial e Lighting) e una solida rete internazionale di Partner, Welt Electronic diversifica ancora la sua offerta di prodotti introducendosi nel settore Signage. I pannelli retroilluminati a LED (light box) sono particolarmente efficaci per la promozione dei prodotti, per un'illuminazione originale degli ambienti o per la realizzazione di allestimenti particolari. Welt Electronic offre LED driver per light box di alta efficienza ed affidabilità, con ottime prestazioni e brillantezza dei colori anche in ambienti umidi e a temperature estreme. Prodotti innovativi e ad alto contenuto tecnologico, sempre al passo con le nuove richieste del mercato, ma con un consumo energetico estremamente minimo, per creare effetti di luce straordinari.

With over thirty years of experience in electronic components distribution (Industrial and Lighting) and a solid international network of Partners, Welt Electronic continues to expand its product offering by introducing itself into Signage applications. The LED backlight panels (light boxes) are particularly efficient to promote products, for an original lighting solution or the creation of special settings. Welt Electronic offers high efficiency and reliability LED drivers for light box, with excellent performance and color brilliance even in humid environments and under extreme conditions. Innovative and high-tech products, always in step with new market demands, but with extremely low energy consumption, to create extraordinary lighting effects.





Fondata a Ningbo in Cina nel 1993, Self Electronics iniziò come piccola ditta manifatturiera di sensori IR esterni. Nel 1996, sviluppò trasformatori elettronici per il mercato europeo guadagnandosi così una buona reputazione anche nel Vecchio Continente. In seguito Self sviluppa una linea di alimentatori elettrici. Nel 2000 arriva la prima linea di componenti e illuminazioni LED. Nel 2003 arriva l'apertura di un ufficio vendite a ShenZhen e nel 2008 una nuova struttura di circa 32000mq. Gli uffici vendite vengono trasferiti in Germania e negli USA nel 2009. La visione di Self è diventare un punto di riferimento nel campo internazionale per la produzione e sviluppo di illuminazioni a LED e alimentatori elettrici per LED.

Established in Ningbo, China in 1993, Self Electronics began as a small manufacturer of outdoor IR sensor lighting. In 1996, SELF developed electronic transformers for the European market, creating a reliable reputation for itself in the European market. SELF then went on to develop additional lines of electronic power supply. In 2000, SELF developed its first lines of LED drivers and LED lighting. In 2003, it opened up a sales office in Shenzhen, followed by the creation of a new 32,000 square meter facility in 2008. Last but not least, sales offices were established in Germany and the US in 2009. SELF's vision is to become a leading international developer and manufacturer of LED Lighting and LED power supply.

- Independent power supply for constant voltage LED lamp
- Class II protection against electric shock from direct and indirect contact
- Start-up time  $\leq 0.5s$
- No load power consumption  $\leq 0.5W$
- Open circuit, short circuit, over load and over temperature protection
- Auto restart after removal of fault conditions
- ECO design, comply with ERP directives
- Warranty: 5 Years



## ULTRATHIN SERIES



| Model             | Type | Input       | Output | Power | Ambient Temperature | Dimming | Rating | Dimension LxWxH mm |
|-------------------|------|-------------|--------|-------|---------------------|---------|--------|--------------------|
| SLT15-12VFG-W     | CV   | 220-240 VAC | 12 VDC | 15 W  | -20°C ~ +50°C       | -       | IP20   | 138x40x12          |
| SLT15-24VFG-W     | CV   | 220-240 VAC | 24 VDC | 15 W  | -20°C ~ +50°C       | -       | IP20   | 138x40x12          |
| SLT20-12VFGs-W    | CV   | 220-240 VAC | 12 VDC | 20 W  | -20°C ~ +50°C       | -       | IP20   | 166x40x14          |
| SLT20-24VFGs-W    | CV   | 220-240 VAC | 24 VDC | 20 W  | -20°C ~ +50°C       | -       | IP20   | 166x40x14          |
| SLT30-12VFG-W     | CV   | 220-240 VAC | 12 VDC | 30 W  | -20°C ~ +50°C       | -       | IP20   | 246x30x16          |
| SLT30-24VFG-W     | CV   | 220-240 VAC | 24 VDC | 30 W  | -20°C ~ +50°C       | -       | IP20   | 246x30x16          |
| SLT60-12VFG-UN-W  | CV   | 120-240 VAC | 12 VDC | 60 W  | -20°C ~ +45°C       | -       | IP20   | 298x29,8x16        |
| SLT60-24VFG-UN-W  | CV   | 120-240 VAC | 24 VDC | 60 W  | -20°C ~ +45°C       | -       | IP20   | 298x29,8x16        |
| SLT75-12VFG-W     | CV   | 220-240 VAC | 12 VDC | 75 W  | -20°C ~ +45°C       | -       | IP20   | 298x29,8x16,5      |
| SLT75-24VFG-W     | CV   | 220-240 VAC | 24 VDC | 75 W  | -20°C ~ +50°C       | -       | IP20   | 298x29,8x16,5      |
| SLT100-12VFG-W    | CV   | 220-240 VAC | 12 VDC | 100 W | -20°C ~ +45°C       | -       | IP20   | 298x29,8x16,5      |
| SLT100-24VFG-UN-W | CV   | 120-240 VAC | 24 VDC | 100 W | -20°C ~ +45°C       | -       | IP20   | 298x29,8x16        |
| SLT200-24VFG-UN-W | CV   | 120-240 VAC | 24 VDC | 200 W | -20°C ~ +45°C       | -       | IP20   | 384x30x22          |
| SLT250-24VFG-UN-W | CV   | 120-240 VAC | 24 VDC | 250 W | -20°C ~ +40°C       | -       | IP20   | 384x30x22          |
| SLT250-24VFG-EU-W | CV   | 220-240 VAC | 24 VDC | 250 W | -20°C ~ +40°C       | -       | IP20   | 369x30x22          |
| SLD75-24VLD-E-W   | CV   | 220-240 VAC | 24 VDC | 75 W  | -20°C ~ +45°C       | DALI2   | IP20   | 185x60x31          |

W: colore bianco / total white cover

# LIGHT BOX DRIVER

- Independent power supply for constant voltage LED lamp
- Super slim with thickness only 16.5mm
- Metal case with Class I protection
- Start-up time  $\leq 0.5s$
- No load power consumption  $\leq 0.5W$
- IP66/IP67 water-proof design
- Open circuit, short circuit, over load and over temperature protection
- Auto restart after fault conditions removal
- ECO design, compliance with ERP directives
- Warranty: 5 Years
- Comply with EN60335, can be used inside the refrigerator or freezer



## METALSLIM SERIES



| Model           | Type | Input       | Output | Power | Ambient Temperature | Dimming | Rating | Dimension LxWxH mm |
|-----------------|------|-------------|--------|-------|---------------------|---------|--------|--------------------|
| SLT75-12VFC-UN  | CV   | 120-240 VAC | 12 VDC | 75 W  | -20°C ~ +50°C       | -       | IP67   | 333x30x16,5        |
| SLT75-24VFC-UN  | CV   | 120-240 VAC | 24 VDC | 75 W  | -20°C ~ +50°C       | -       | IP67   | 333x30x16,5        |
| SLT100-24VFC-UN | CV   | 120-240 VAC | 24 VDC | 100 W | -20°C ~ +50°C       | -       | IP67   | 333x30x16,5        |
| SLT96-12VLC-UN  | CV   | 120-240 VAC | 12 VDC | 96 W  | -40°C ~ +60°C       | -       | IP67   | 262x40x23          |
| SLT96-24VLC-UN  | CV   | 120-240 VAC | 24 VDC | 96 W  | -40°C ~ +60°C       | -       | IP67   | 262x40x23          |
| SLD96-12VCA-UN  | CV   | 120-277 VAC | 12 VDC | 96 W  | -40°C ~ +60°C       | YES     | IP67   | 262x40x23          |
| SLD96-24VCA-UN  | CV   | 120-277 VAC | 24 VDC | 96 W  | -40°C ~ +60°C       | YES     | IP67   | 262x40x23          |





Moso Power Supply Technology Co. è un'azienda supportata dal National Twelfth Five-year Plan, si occupa di nuove tecnologie avanzate e risparmio energetico e produce alimentatori. Tecnologia e qualità sono l'anima dell'azienda, MOSO Power Supply ha portato avanti le sue ricerche industriali collaborando con molte università e molti College, fondando il MOSO Power Supply Technology Research Institute. L'Istituto è riconosciuto per affidabilità e sicurezza dei propri laboratori, che guidano l'industria con macchinari per produzione e test, incluso il computer tester completamente automatizzato con il quale ha sviluppato il commutatore elettrico ad alta efficienza. MOSO Power Supply ha acquistato più di 100 brevetti nazionali in pochi anni.

Moso Power Supply Technology Co. is a national hiand-new-tech/energy-saving enterprise supported by the National Twelfth Five-year Plan. It is also a professional power supply manufacturer with a far-ranging sphere of influence on a national level. Several years after its establishment in 2006, it managed to create a number of strategic partnerships with various fortune-500 companies worldwide. With technology and quality at the heart of the company, MOSO power Supply has also undertaken a number of industrial studies in collaboration with universities and colleges, in order to create the MOSO Power Supply Technology Research Institute. This Institute has been recognized for the reliability and safety of its laboratories, which have set an example for the industry through its production and testing machinery. Among the machines, is a completely automated computer tester that has been used to develop the world-leading highly-efficient switching power supply products of MOSO and LED intelligent drivers for a number of categories. MOSO Power Supply has been granted more than one hundred national patents in just a few years time.

- Universal input voltage 90~305Vac
- Constant voltage design
- Active power factor correction
- High power factor >0.96
- Multiple protection: SCP, OVP, OTP, OLP
- Surge protection:  
35W/50W: line-line 4KV, line-earth 6KV  
75~320W: line-line 5KV, line-earth 10KV
- Degree of protection: IP67
- Ambient temperature: -40°C ~ +60°C
- 5 years warranty



## LSV SERIES

SAA BIS  CB CE   Class P

| Model       | Type | Input      | Output             | Power | Ambient Temperature | Dimming | Rating | Dimension LxWxH mm                           |
|-------------|------|------------|--------------------|-------|---------------------|---------|--------|----------------------------------------------|
| LSV-035B0xx | CV   | 90-305 VAC | 12, 24, 36, 48 Vdc | 35 W  | -40°C ~ +60°C       | NO      | IP67   | 199x42,5x34                                  |
| LSV-050B0xx | CV   | 90-305 VAC | 12, 24, 36, 48 Vdc | 50 W  | -40°C ~ +60°C       | NO      | IP67   | 199x42,5x34                                  |
| LSV-075B0xx | CV   | 90-305 VAC | 12, 24, 36, 48 Vdc | 75 W  | -40°C ~ +60°C       | NO      | IP67   | 164x68x39                                    |
| LSV-100B0xx | CV   | 90-305 VAC | 12, 24, 36, 48 Vdc | 100 W | -40°C ~ +60°C       | NO      | IP67   | 178x68x39                                    |
| LSV-150B0xx | CV   | 90-305 VAC | 12, 24, 36, 48 Vdc | 150 W | -40°C ~ +60°C       | NO      | IP67   | 207x68x39                                    |
| LSV-200B0xx | CV   | 90-305 VAC | 12, 24, 36, 48 Vdc | 200 W | -40°C ~ +60°C       | NO      | IP67   | 232x68x43,5 (12-24V)<br>247x68x43,5 (36-48V) |
| LSV-320B0xx | CV   | 90-305 VAC | 12, 24, 36, 48 Vdc | 320 W | -40°C ~ +60°C       | NO      | IP67   | 234x98x40                                    |

# LIGHT BOX DRIVER



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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Padova - Roma - Torino

#### COMPANY DATA

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