

# SloanLED Power Supply Guide for Sign Products

## 12 V Power Supplies

| Power supply                            | Part number  | Input                 |               | Output       |                | UL Retrofit Certified <sup>‡</sup> |         |         |
|-----------------------------------------|--------------|-----------------------|---------------|--------------|----------------|------------------------------------|---------|---------|
|                                         |              | Nominal input voltage | Input current | Power output | Output current | 701269-                            | 701946- | 701972- |
| North America                           |              |                       |               |              |                |                                    |         |         |
| Self-Contained 20 W power supply        | 701680       | 100-240 V             | 0.55 A        | 20 W         | 1.67 A         | ✓                                  | ✓       | ✓       |
| 60C2 60 W power supply                  | 701507-60C2  | 100-277 V             | 0.80 A        | 60 W         | 5.0 A          | ✓                                  | ✓       | ✓       |
| 60W3 60 W power supply                  | 701507-60W3* |                       |               |              |                | ✓                                  | ✓       | ✓       |
| 60W4 60 W power supply                  | 701507-60W4* |                       |               |              |                | ✓                                  | ✓       | ✓       |
| 120D1 120 W power supply (dual outputs) | 701507-120D1 |                       | 1.70 A        | 2 × 60 W     | 2 × 5.0 A      | ✓                                  | ✓       | ✓       |
| 60C3 60 W power supply                  | 701507-60C3  | 120-277V              | 0.80 A        | 60 W         | 5.0 A          | ✓                                  | ✓       | ✓       |
| 60C3D 60 W power supply (0-10 V dimmer) | 701507-60C3D |                       |               |              |                | ✓                                  | ✓       | ✓       |
| 60L1 60 W power supply                  | 701507-60L1  |                       |               |              |                | ✓                                  | ✓       | ✓       |

### EU/ROW

|                                    |                 |           |        |          |            |   |   |   |
|------------------------------------|-----------------|-----------|--------|----------|------------|---|---|---|
| Compact 12/25 W                    | 410174          | 100-277 V | 0.40 A | 25 W     | 2.1 A      | ✗ | ✗ | ✗ |
| 30E1 power supply                  | 701507-30E1*    | 200-240 V | 0.20 A | 30 W     | 2.5 A      | ✗ | ✗ | ✗ |
| 60E1 power supply                  | 701507-60E1*    |           | 0.50 A | 60 W     | 5.0 A      | ✗ | ✗ | ✗ |
| 100E1 power supply                 | 701507-100E1*†  |           | 0.80 A | 100 W    | 8.33 A     | ✗ | ✗ | ✗ |
| 150EB1 power supply (dual outputs) | 701507-150EB1*† |           | 1.10 A | 2 × 75 W | 2 × 6.25 A | ✗ | ✗ | ✗ |

## 24 V Power Supplies

| Power supply                               | Part number   | Input                 |               | Output       |                | UL Retrofit Certified <sup>‡</sup> |         |         |  |  |
|--------------------------------------------|---------------|-----------------------|---------------|--------------|----------------|------------------------------------|---------|---------|--|--|
|                                            |               | Nominal input voltage | Input current | Power output | Output current | 701269-                            | 701946- | 701972- |  |  |
| North America                              |               |                       |               |              |                |                                    |         |         |  |  |
| 60S1 60 W power supply                     | 701895-60S1   | 120-277V              | 0.8 A         | 60 W         | 2.5 A          | ✓                                  | ✓       | ✓       |  |  |
| 60S1D 60 W power supply (0-10 V dimming)   | 701895-60S1D  |                       |               |              |                | ✓                                  | ✓       | ✓       |  |  |
| 24C1 100 W power supply                    | 701895-24C1*  | 100-277 V             | 1.4 A         | 96 W         | 4.0 A          | ✓                                  | ✓       | ✓       |  |  |
| 24S1 100 W power supply                    | 701895-24S1   |                       |               |              |                | ✓                                  | ✓       | ✓       |  |  |
| 24S2 100W power supply                     | 701895-24S2   | 120-277V              | 1.2 A         | 96 W         | 4.0 A          | ✓                                  | ✓       | ✓       |  |  |
| 24S2D 100 W power supply (0-10 V dimming)  | 701895-24S2D  |                       |               |              |                | ✓                                  | ✓       | ✓       |  |  |
| 100L1 100 W power supply                   | 701895-100L1  |                       | 0.95 A        |              |                | ✓                                  | ✓       | ✓       |  |  |
| 100L1D 100 W power supply (0-10 V dimming) | 701895-100L1D |                       |               |              |                | ✓                                  | ✓       | ✓       |  |  |
| 300T1 power supply                         | 701895-300T1  | 100-277 V             | 4.0 A         | 3 × 96 W     | 3 × 4.0 A      | ✓                                  | ✓       | ✓       |  |  |

### EU/ROW

|                          |                |           |        |       |        |   |   |   |
|--------------------------|----------------|-----------|--------|-------|--------|---|---|---|
| 30E1 30 W power supply   | 701895-30E1*   | 200-240 V | 0.20 A | 30 W  | 1.25 A | ✗ | ✗ | ✗ |
| 60E1 60 W power supply   | 701895-60E1*   |           | 0.50 A | 60 W  | 2.5 A  | ✗ | ✗ | ✗ |
| 100E1 100 W power supply | 701895-100E1*  |           | 0.80 A | 100 W | 4.1 A  | ✗ | ✗ | ✗ |
| 150E1 150 W power supply | 701895-150E1*† |           | 1.10 A | 150 W | 6.25 A | ✗ | ✗ | ✗ |

**NOTES:** Do not combine power supply outputs. Each 12 V circuit must be limited to power supply output rating. For North American installations, a power supply that meets NEC Class 2 specifications is required.

**NOTES:** Do not combine power supply outputs. Each 24 V circuit must be limited to power supply output rating. For North American installations, a power supply that meets NEC Class 2 specifications is required.

\* Wet location power supply.

† Do not use with SloanLED Prism Nano, FlexiBRITE or BendLUX (power supply output current exceeds maximum wire ampacity).

‡ Only part numbers listed as "UL Retrofit Certified" have been approved (✓) for retrofit under UL879A.

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