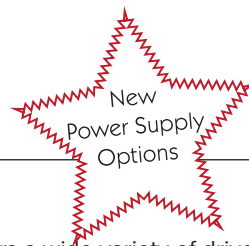


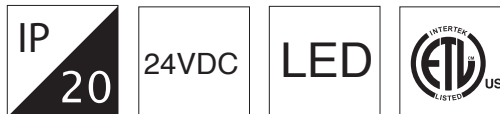
# Power Supplies - 24VDC Drivers



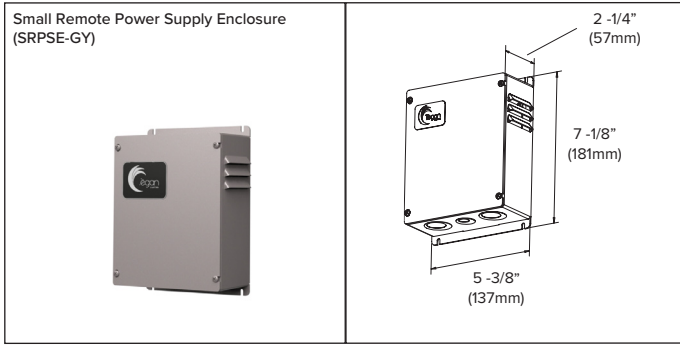
Interior Trac & Monopoint Systems - IP20



- 24VDC LED DRIVERS:** Tegan Lighting offers a wide variety of drivers that are compatible with Monopoints and Systems for various layouts. Specify 0-10V dimming controls with dimming LED drivers. Refer to the linked driver specification sheets in the charts on page 4 for details. Contact Tegan Lighting for international transformers.
- Enclosures:** Small - 7" H x 5" W x 2" D - Remote Power Supply Enclosure (SRPSE).  
Large - 13" H x 8" W x 3" D - Remote Power Supply Enclosure (LRPSE).  
Remote mounting the power supply provides a clean minimalist aesthetic will result in a noise free installation. Install the power supply in an accessible remote location such as a closet or above a ceiling tile. Installing contractor to leave a minimum of 4" clearance around enclosure. Electrical contractor to connect electrical wire from the driver to the system power feed utilizing the correct gauge to provide the proper voltage at the Systems/Monopoints. The wire gauge used to supply power to the Trac should be sized according to the distance between the transformer and the Trac. Enclosure and power supply are provided as a kit.
- Material:** Steel.
- Finish:** Powdercoat, Grey (GY).
- Systems:** Remote Drivers are required for all dedicated LED Spotlights and Luminaires with the specified Trac, Cable or Monopoint system(s) - except Surface Mount, Recessed Enclosure Monopoints and Decorative Power Supply with integral drivers. Refer to these linked Specsheets and Installation Sheets for details:  
[Centro Trac Systems](#), [Retrac System \(RTS\)](#), [Monopoint Recessed Flat Plate - Remote Power Source \(MPRFP-RP\)](#), [Monopoint Recessed Trimless - Remote Power Source \(MRTL-RP\)](#), [Monopoint Panel Mount - Remote Power Source \(MPPM-RP\)](#).
- Spotlights/Pendants:** [Pico 1](#), [Pico 1-S](#), [ARRI 1](#), [ARRI 3-S](#), [ARRI 3](#), [Oculus](#), [Luz](#), [Mini-Kore Pendants](#)
- Installation:** Refer to Installation Instructions for details.
- Labels:** Refer to linked Power Supply Specsheets on the following pages for Manufacturer's listing. Interior applications only. In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials. Technical specification sheets that appear on [teganlighting.com](http://teganlighting.com) are the most recent version and supersede all other versions that exist in any other printed or electronic form.



## Power Supply - Enclosures<sup>1,3,4,5</sup>



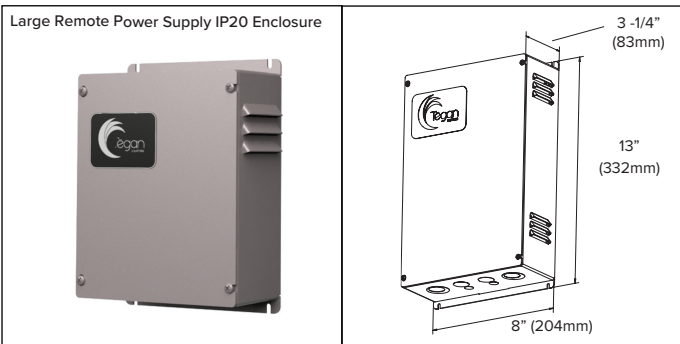
**12W & 24W for Pico 1-S ONLY** - Refer to chart on page 4 for # of Spots per driver wattages.

12W Non-Dimming Driver (D-12W-120/277V-IP20-SRPSE)<sup>2</sup>

12W 0-10V Dimming Driver (D-12W-120/277V-IP20-SRPSE)<sup>2</sup>

24W Non-Dimming Driver (D-24W-120/277V-IP20-SRPSE)<sup>2</sup>

24W 0-10V Dimming Driver (D-DM-24W-120/277V-IP20-SRPSE)<sup>2</sup>



Refer to chart on page 4 for # of Spots per driver wattages.

40W Non-Dimming Driver (D-40W-120/277V-IP20-LRPSE-GY)

40W 0-10V Dimming Driver (D-DM-40W-120/277V-IP20-LRPSE-GY)

60W Non-Dimming Driver (D-60W-120/277V-IP20-LRPSE-GY)

60W 0-10V Dimming Driver (D-DM-60W-120/277V-IP20-LRPSE-GY)

100W Non-Dimming Driver (D-100W-120/277V-IP20-LRPSE-GY)

100W 0-10V Dimming Driver (D-DM-100W-120/277V-IP20-LRPSE-GY)

150W Non-Dimming Driver (D-150W-120/277V-IP20-LRPSE-GY)

150W 0-10V Dimming Driver (D-DM-150W-120/277V-IP20-LRPSE-GY)

240W Non-Dimming Driver (D-240W-120/277V-IP20-LRPSE-GY)

240W 0-10V Dimming Driver (D-DM-240W-120/277V-IP20-LRPSE-GY)

320W Non-Dimming Driver (D-320W-120/277V-IP20-LRPSE-GY)

288W 0-10V Dimming Driver (D-DM-288W-120/277V-IP20-LRPSE-GY)

**Notes:**

<sup>1</sup> Spotlight, Luminaire, and Systems are specified separately. Refer to the linked Specification Sheets on page 1 for more detail.

<sup>2</sup> For Pico-1S only.

<sup>3</sup> See table on page 3 for Power Supply options.

<sup>4</sup> See table on page 4 for Spot counts per Power Supply.

<sup>5</sup> Due to the rapidly evolving technology for semiconductor products, Tegan driver options are subject to change at any time, without notice. In addition, if any of the standard drivers are out of stock or discontinued, Tegan Lighting will supply an equal as needed. Tegan can also supply alternative drivers upon request; contact the factory for details.



## 24VDC Power Supplies - LED Drivers - IP20 INTERIOR MOUNTING ONLY <sup>1, 2, 3, 4, 5</sup>

| Description                                 | Catalog #                        | Watts <sup>1</sup> | Min / Max <sup>3</sup> | Tegan Enclosure Size         | Typical Driver Links                                  |
|---|----------------------------------|--------------------|------------------------|------------------------------|---|
| <b>Dedicated LED Spots &amp; Luminaires</b> |                                  |                    |                        |                              |   |
| 40W Non-Dimming Driver                      | D-40W-120/277V-IP20-LRPSE-GY     | 40W                | 1W / 30W               | Large<br>13" H x 8" W x 3" D | <a href="#">40W Non-Dimming Driver</a>                |
| 40W 0-10V Dimming Driver                    | D-DM-40W-120/277V-IP20-LRPSE-GY  | 40W                | 1W / 30W               | Large<br>13" H x 8" W x 3" D | <a href="#">40W Driver &amp; Dimming Module</a>       |
| 60W Non-Dimming Driver                      | D-60W-120/277V-IP20-LRPSE-GY     | 60W                | 1W / 49W               | Large<br>13" H x 8" W x 3" D | <a href="#">60W Non-Dimming Driver</a>                |
| 60W 0-10V Dimming Driver                    | D-DM-60W-120/277V-IP20-LRPSE-GY  | 60W                | 1W / 49W               | Large<br>13" H x 8" W x 3" D | <a href="#">60W Driver &amp; Dimming Module</a>       |
| 100W Non-Dimming Driver                     | D-100W-120/277V-IP20-LRPSE-GY    | 100W               | 1W / 77W               | Large<br>13" H x 8" W x 3" D | <a href="#">100W Non-Dimming Driver</a>               |
| 100W 0-10V Dimming Driver                   | D-DM-100W-120/277V-IP20-LRPSE-GY | 100W               | 1W / 77W               | Large<br>13" H x 8" W x 3" D | <a href="#">100W Driver &amp; Dimming Module</a>      |
| 150W Non-Dimming Driver                     | D-150W-120/277V-IP20-LRPSE-GY    | 150W               | 1W / 119W              | Large<br>13" H x 8" W x 3" D | <a href="#">150W Non-Dimming Driver</a>               |
| 150W 0-10V Dimming Driver                   | D-DM-150W-120/277V-IP20-LRPSE-GY | 150W               | 1W / 119W              | Large<br>13" H x 8" W x 3" D | <a href="#">150W Driver &amp; Dimming Module</a>      |
| 240W Non-Dimming Driver                     | D-240W-120/277V-IP20-LRPSE-GY    | 240W               | 1W / 189W              | Large<br>13" H x 8" W x 3" D | <a href="#">240W Non-Dimming Driver</a>               |
| 240W 0-10V Dimming Driver                   | D-DM-240W-120/277V-IP20-LRPSE-GY | 240W               | 1W / 189W              | Large<br>13" H x 8" W x 3" D | <a href="#">240W Driver &amp; Dimming Module</a>      |
| 320W Non-Dimming Driver                     | D-320W-120/277V-IP20-LRPSE-GY    | 320W               | 1W / 252W              | Large<br>13" H x 8" W x 3" D | <a href="#">320W Non-Dimming Driver</a>               |
| 288W 0-10V Dimming Driver                   | D-DM-288W-120/277V-IP20-LRPSE-GY | 288W               | 1W / 230W              | Large<br>13" H x 8" W x 3" D | <a href="#">320W Driver &amp; 288W Dimming Module</a> |
| <b>Pico 1-S - Integral Monopoint</b>        |                                  |                    |                        |                              |   |
| 12W Non-Dimming Driver                      | D-12W-120/277V-IP20-SRPSE-GY     | 12W                | 1.5W / 12W             | Small<br>7" H x 5" W x 2" D  | <a href="#">12W Non-Dimming Driver</a>                |
| 12W 0-10V Dimming Driver                    | D-DM-12W-120/277V-IP20-SRPSE-GY  | 24W                | 1W / 20W               | Small<br>7" H x 5" W x 2" D  | <a href="#">12W Driver &amp; Dimming Module</a>       |
| 24W Non-Dimming Driver                      | D-24W-120/277V-IP20-SRPSE-GY     | 24W                | 1W / 20W               | Small<br>7" H x 5" W x 2" D  | <a href="#">24W Non-Dimming Driver</a>                |
| 24W 0-10V Dimming Driver                    | D-DM-24W-120/277V-IP20-SRPSE-GY  | 24W                | 1W / 20W               | Small<br>7" H x 5" W x 2" D  | <a href="#">24W Driver &amp; Dimming Module</a>       |

**Notes:**

- <sup>1</sup> Refer to manufacturer's spec sheets for recommended remote mount distance.
- <sup>2</sup> Due to the rapidly evolving technology for Semiconductor products, Tegan driver options are subject to change at any time, without notice. In addition, if any of the standard drivers are out of stock or discontinued, Tegan Lighting will supply an equal as needed. Tegan can also supply alternative drivers upon request; contact the factory for details.
- <sup>3</sup> Minimum and maximum wattage information provided by the driver manufacturer, refer to linked driver specification sheets for more detail and verification. Subject to change.
- <sup>4</sup> Tegan LED emitters, like all LEDs, undergo a natural depreciation in lumen output. This depreciation is within the specifications of LM-80. Extreme ambient temperatures, dusty environments, and power conditions may affect the depreciation. Wattage requirements and lumen output are subject to change with ongoing developments in LED technology.
- <sup>5</sup> 24VDC LED Spots/Luminaires can not operate on the same system as 12VAC Halogen/LED MR-16 Spots.
- <sup>6</sup> Up to three 12W Drivers can be used in one small enclosure. If higher wattage is required, contact factory for pricing.



# Power Supplies - 24VDC Drivers

Interior Trac & Monopoint Systems - IP20

| 24VDC Drivers <sup>1,2</sup> |                   |             |                              |               |                              |             |                   |                |                |                                  |        |
|------------------------------|-------------------|-------------|------------------------------|---------------|------------------------------|-------------|-------------------|----------------|----------------|----------------------------------|--------|
| Driver Watts                 | LED Luminaire/Qty |             |                              |               |                              |             |                   |                |                | Transformer Code                 | Finish |
|                              | Pico 1-S Mono     | Pico 1 Spot | ARRI 1-CTC Spot <sup>3</sup> | ARRI 3-S Mono | ARRI 3-CTC Spot <sup>3</sup> | Oculus Spot | Mini-Kore Pendant | Luz Linear 24" | Luz Linear 36" |                                  |        |
| 12W                          |                   |             |                              |               |                              |             |                   |                |                |                                  |        |
| Non-Dimming                  | 1-6/series        | 0           | 0                            | 0             | 0                            | 0           | 0                 | 0              | 0              | D-12W-120/277V-IP20-SRPSE-GY     | Grey   |
| Dimming                      | 1-6/series        | 0           | 0                            | 0             | 0                            | 0           | 0                 | 0              | 0              | D-DM-12W-120/277V-IP20-SRPSE-GY  | Grey   |
| 24W                          |                   |             |                              |               |                              |             |                   |                |                |                                  |        |
| Non-Dimming                  | 7-16/series       | 0           | 0                            | 0             | 0                            | 0           | 0                 | 0              | 0              | D-24W-120/277V-IP20-SRPSE-GY     | Grey   |
| Dimming                      | 7-16/series       | 0           | 0                            | 0             | 0                            | 0           | 0                 | 0              | 0              | D-DM-24W-120/277V-IP20-SRPSE-GY  | Grey   |
| 40W                          |                   |             |                              |               |                              |             |                   |                |                |                                  |        |
| Non-Dimming                  | N/A               | 17          | 26                           | 10            | 10                           | 2           | 2                 | 4              | 2              | D-40W-120/277V-IP20-LRPSE-GY     | Grey   |
| Dimming                      | N/A               | 15          | 22                           | 9             | 9                            | 2           | 2                 | 4              | 2              | D-DM-40W-120/277V-IP20-LRPSE-GY  | Grey   |
| 60W                          |                   |             |                              |               |                              |             |                   |                |                |                                  |        |
| Non-Dimming                  | N/A               | 26          | 40                           | 16            | 16                           | 3           | 3                 | 6              | 4              | D-60W-120/277V-IP20-LRPSE-GY     | Grey   |
| Dimming                      | N/A               | 22          | 34                           | 13            | 13                           | 3           | 3                 | 6              | 4              | D-DM-60W-120/277V-IP20-LRPSE-GY  | Grey   |
| 100W                         |                   |             |                              |               |                              |             |                   |                |                |                                  |        |
| Non-Dimming                  | N/A               | 44          | 66                           | 26            | 26                           | 6           | 6                 | 10             | 6              | D-100W-120/277V-IP20-LRPSE-GY    | Grey   |
| Dimming                      | N/A               | 37          | 56                           | 22            | 22                           | 5           | 5                 | 10             | 6              | D-DM-100W-120/277V-IP20-LRPSE-GY | Grey   |
| 150W                         |                   |             |                              |               |                              |             |                   |                |                |                                  |        |
| Non-Dimming                  | N/A               | 66          | 100                          | 40            | 40                           | 9           | 9                 | 15             | 10             | D-150W-120/277V-IP20-LRPSE-GY    | Grey   |
| Dimming                      | N/A               | 56          | 85                           | 34            | 34                           | 7           | 7                 | 15             | 10             | D-DM-150W-120/277V-IP20-LRPSE-GY | Grey   |
| 240W                         |                   |             |                              |               |                              |             |                   |                |                |                                  |        |
| Non-Dimming                  | N/A               | 106         | 160                          | 64            | 64                           | 15          | 15                | 24             | 16             | D-240W-120/277V-IP20-LRPSE-GY    | Grey   |
| Dimming                      | N/A               | 90          | 136                          | 54            | 54                           | 12          | 12                | 24             | 16             | D-DM-240W-120/277V-IP20-LRPSE-GY | Grey   |
| 320W                         |                   |             |                              |               |                              |             |                   |                |                |                                  |        |
| Non-Dimming                  | N/A               | 142         | 213                          | 85            | 85                           | 20          | 20                | 32             | 21             | D-320W-120/277V-IP20-LRPSE-GY    | Grey   |
| 288W Dimming                 | N/A               | 108         | 163                          | 65            | 65                           | 15          | 15                | 28             | 19             | D-DM-288W-120/277V-IP20-LRPSE-GY | Grey   |

<sup>1</sup> Refer to 24VDC Driver Specs sheet for minimum and maximum driver ratings. Installation must be within Power Supply specifications. An incorrect installation will result in unfavorable operating results and will damage the components.

<sup>2</sup> We have listed the maximum number of Spots or Luminaires for each Driver option above based on the following common practice:

Recommended De-Rating: Like all electronic power supplies, life is significantly increased when loads are 75/80% or less of the nominal power capacity. Best life is in climate controlled conditions, or when the power supply stays below 70C. The type of enclosure and ambient environment can affect the operating temperature, and therefore the lifetime of the power supply. For all Tegan Lighting enclosures, load power supplies to only 75/80% of their nominal. These are general suggestions to increase the life of the supply in moderate climates; the actual operating lifetime of the power supply depends on the actual environment and use.

<sup>3</sup> For Centro Trac Systems only; ships with factory-installed Centro Trac Connector (CTC).

