



# Select TX<sup>®</sup> Gen 4

CHANNEL LETTER LIGHTING SYSTEMS



Tetra<sup>®</sup>

Trusted technology with  
exceptional value



Current

Select TX<sup>®</sup> Gen 4

# Technical Specifications - Whites

| Description                           | GESEV65-4                      | GESES65-4                      | GESEM65-4                      | GESEL65-4                    |
|---------------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|
|                                       | 93314350                       | 93314354                       | 93314358                       | 93314362                     |
|                                       | Very Small                     | Small                          | Medium                         | Large                        |
| Color Temperature (Wavelength)        | 6500K                          | 6500K                          | 6500K                          | 6500K                        |
| Typical Brightness (lm/module)*       | 44                             | 87                             | 125                            | 160                          |
| Typical Brightness lm/ft. (lm/m.)*    | 264 (866)                      | 148 (485)                      | 188 (615)                      | 240 (787)                    |
| LEDs/Module                           | 1                              | 2                              | 2                              | 3                            |
| Modules/Foot                          | 6                              | 1.7                            | 1.5                            | 1.5                          |
| Power Supply Loading – 60W            | 32 ft (9.8 m)<br>(192 modules) | 58 ft (17.7 m)<br>(99 modules) | 44 ft (13.4 m)<br>(66 modules) | 33 ft (10 m)<br>(50 modules) |
| Max Loading in Series                 | 96 modules                     | 40 modules                     | 36 modules                     | 27 modules                   |
| Viewing Angle                         | 170°                           | 170°                           | 170°                           | 170°                         |
| Energy Consumption (Rated Power)      | 0.30w/module                   | 0.60w/module                   | 0.90w/module                   | 1.14w/module                 |
| Efficacy (Lumens/Watt)*               | 147                            | 145                            | 139                            | 140                          |
| Dimensions (h x l x w) inches- module | 0.34 x 0.79 x 0.35             | 0.35 x 1.73 x 0.55             | 0.35 x 1.73 x 0.55             | 0.35 x 2.59 x 0.55           |
| Dimensions (h x l x w) mm- module     | 8.5 X 20 X 9                   | 8.9 X 44 X 14                  | 8.9 X 44 X 14                  | 8.9 X 65.8 X 14              |
| Quantity per package (Strips/box)     | 10                             | 9                              | 12                             | 15                           |
| Modules/Strip                         | 192                            | 99                             | 66                             | 50                           |

\*Typical performance at +/- 10% at 12VDC (at the module) and 25C

# Technical Specifications - Colors

| Description                           | GESELRD-4                      | GESEVRD-4                       | GESELBL-4                      | GESEVBL-4                      | GESELGL-4                    | GESEVGL-4                    |
|---------------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|------------------------------|------------------------------|
|                                       | 93314369                       | 93314687                        | 93314370                       | 93314688                       | 93314371                     | 93314690                     |
|                                       | Large Red                      | Very Small Red                  | Large Blue                     | Very Small Blue                | Large Green                  | Very Small Green             |
| Color Temperature (Wavelength)        | 625nm                          | 625nm                           | 460nm                          | 460nm                          | 520nm                        | 520nm                        |
| Typical Brightness (lm/module)*       | 16                             | 7                               | 13                             | 7                              | 43                           | 24                           |
| Typical Brightness lm/ft. (lm/m.)*    | 24 (79)                        | 35 (114.8)                      | 19 (62)                        | 35 (114.8)                     | 64 (209)                     | 120 (393.6)                  |
| LEDs/Module                           | 3                              | 3                               | 3                              | 3                              | 3                            | 3                            |
| Modules/Foot                          | 1.5                            | 5                               | 1.5                            | 5                              | 1.5                          | 5                            |
| Power Supply Loading – 60W            | 66 ft (20.1 m)<br>(99 modules) | 54 ft (16.4 m)<br>(270 modules) | 44 ft (13.4 m)<br>(66 modules) | 30 ft (9.1 m)<br>(150 modules) | 56 ft (17 m)<br>(84 modules) | 42 ft (12.8 m) (210 modules) |
| Max Loading in Series                 | 95 modules                     | 200 modules                     | 65 modules                     | 118 modules                    | 76 modules                   | 160 modules                  |
| Viewing Angle                         | 170°                           | 160°x150°                       | 170°                           | 160°x150°                      | 170°                         | 160°x150°                    |
| Energy Consumption (Rated Power)      | 0.53w/module                   | 0.19w/module                    | 0.82w/module                   | 0.36w/module                   | 0.70w/module                 | 0.25w/module                 |
| Efficacy (Lumens/Watt)*               | 30                             | 36.6                            | 15                             | 19.4                           | 61                           | 73                           |
| Dimensions (h x l x w) inches- module | 0.35 x 2.59 x 0.55             | 0.33 x 1.14 x 0.35              | 0.35 x 2.59 x 0.55             | 0.33 x 1.14 x 0.35             | 0.35 x 2.59 x 0.55           | 0.33 x 1.14 x 0.35           |
| Dimensions (h x l x w) mm- module     | 8.9 X 65.8 X 14                | 8.4 X 29 X 9                    | 8.9 X 65.8 X 14                | 8.4 X 29 X 9                   | 8.9 X 65.8 X 14              | 8.4 X 29 X 9                 |
| Quantity per package (Strips/box)     | 8                              | 5                               | 12                             | 10                             | 9                            | 7                            |
| Modules/Strip                         | 99                             | 270                             | 66                             | 150                            | 84                           | 210                          |

\*Typical performance at +/- 10% at 12VDC (at the module) and 25C

# Additional Specifications

|                            |                                                                                                                                      |                                         |                                         |                                         |                                         |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|
| Dimmable                   | Yes (with dimmable power supply)                                                                                                     |                                         |                                         |                                         |                                         |
| Cutting Resolution         | Cut on wire between every module                                                                                                     |                                         |                                         |                                         |                                         |
| Power Supply voltage       | 12VDC                                                                                                                                |                                         |                                         |                                         |                                         |
| Power Supply Part Numbers  | Current 12V Power Supplies                                                                                                           |                                         |                                         |                                         |                                         |
| Maximum Supply Wire Limits |                                                                                                                                      | 18 AWG/0.82 mm <sup>2</sup> Supply Wire | 16 AWG/1.31 mm <sup>2</sup> Supply Wire | 14 AWG/2.08 mm <sup>2</sup> Supply Wire | 12 AWG/3.31 mm <sup>2</sup> Supply Wire |
|                            | 25W Power Supply                                                                                                                     | 50 ft./15.24 m                          | –                                       | –                                       | –                                       |
|                            | 60W Power Supply                                                                                                                     | 20 ft./6.1 m                            | 25 ft./7.6 m                            | 35 ft./10.6 m                           | 40 ft./12.1 m                           |
| Operating Environment      | -40 °C to +60 °C (-40 °F to +140 °F)                                                                                                 |                                         |                                         |                                         |                                         |
| Warranty                   | Limited system warranty of up to five (5) years                                                                                      |                                         |                                         |                                         |                                         |
| System Certifications      | UL Recognized (C-US) #E219167 for dry, damp, or wet locations, UL Classified (C-US) #E229508, CE, UKCA, Class III, ROHS, IP66 rated. |                                         |                                         |                                         |                                         |