

# Specialty LED Solutions



# Infinite applications, indoors or out

**Design flexibility** for channel letters and cabinet signs

**Directs light** onto sign face

**Consistent** uniformity

**Reduced** maintenance costs

**5 years** warranty



## Tetra® miniMAX MS



The Tetra® miniMAX MS (Micro System) was created for channel letters as shallow as 38mm deep and as narrow as 13mm wide. Now even the smallest letters benefit from tremendous efficiency advancements in GE LED technology.

The Tetra® miniMAX MS maximizes LED performance by capturing otherwise wasted light and redirecting it towards the illuminated surface to create an exceptionally uniform channel letter. It optimizes each LED to allow for narrow stroke spacing, which helps reduce the amount of material needed per letter. OptiLens also helps protect the LED against moisture, humidity, damage and corrosion – for reliable performance that enhances brand image via better looking signs.

- Continuous wire through LED module uses IDC connectors vs. soldering for maximum strain relief
- Can cut between any modules
- Easy install
- Overmoulded design protects components from moisture, damage and corrosion



## PowerStrip



Tetra PowerStrip and Tetra PowerStrip DS from GE Lighting Solutions are the innovative LED systems that replace fluorescent tubes in cabinet signs resulting in reduced energy costs, improved uniformity and lower maintenance expenses.

Tetra PowerStrip is a low-voltage lighting system that does not require the construction of sockets for mounting. The easy-to-handle system eliminates the handling of fragile glass tubes and can be cut between modules for easy installation in new or retrofit signs of any size.



- Patent-pending OptiLens™ maximizes the area of light coverage by creating a wide viewing angle
- Continuous wire through LED module uses IDC connectors for maximum strain relief
- Can be cut on wire between any module
- Installation is easy with rail system and low-voltage (24V) wiring
- Overmoulded design protects against moisture, dust and damage

## Frankfurt Airport, Germany

### Our Customer

The Frankfurt Airport (Germany) is among the 10 leading airports in the world by number of passengers. In 2011, some 56 million passengers, or approximately 154,000 users a day, passed through this airport. Frankfurt Airport is also the world's largest cargo airport and one of the busiest in Europe, alongside with Charles de Gaulle in Paris and Heathrow in London.

### The Challenge

Because of the airport's importance and steady growth – in 2011 the number of passengers was up 5.5% over the previous year – its installations are always being enlarged and improved. One of the latest projects was the construction of a new illuminated arch-shaped structure with two side panels on the main entrance highway to the airport. In addition to welcoming passengers and visitors, this sign provides a new digital advertising support that is managed by the German company Media Frankfurt GmbH.

### Our Solution

The new structure, which measures 29 metres wide by 14 metres high, features GE Lighting's energy-efficient, long lasting Tetra® PowerStrip LED lighting systems. A total of 285 LED modules per sign were installed for this project; this system replaces the fluorescent light sources in applications that require broad, uniform lighting, as in the case of this large illuminated advertising panel.

#### Key benefits

- Uniform light that last 4 times longer than fluorescent lighting
- Energy savings exceed 60%
- Easier maintenance
- Environmentally friendly
- Wide range of colour temperatures makes it adaptable to any lighting environment



# Specialty LED Solutions

## Edgestrip



Tetra EdgeStrip is engineered to install easily around the edge of cabinet signs with a 76-152 mm can depth. Tetra EdgeStrip delivers money-saving advantages over T8 fluorescent tubes while producing outstanding visual performance that protects end-user brand image.



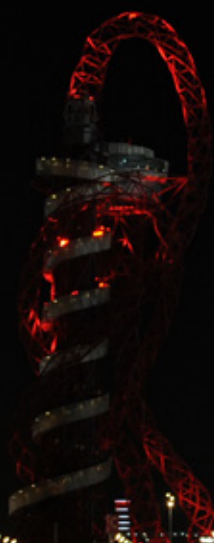
- Up to 78% energy savings vs. T8 fluorescent tubes
- OptiLens™ technology creates an impressively even light coverage of the sign face
- Overmoulded design protects components from damage
- Continuous wire and IDC connectors for maximum strain relief
- 5-year warranty



Olympic Stadium  
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Water Polo Arena  
Aquatics Centre

Stratford Gate  
Greenway Gate  
Victoria Gate



## Cool savings

Bright uniform light

precisely where package facings are located

Canopy and undershelf

fixtures enable complete system solution

Cut energy costs

by up to 85% compared to fluorescent

Reduced

relamping expenses

Long life

with over 50,000 hours





## RH30

Listening to the needs of our retail customers, we developed the first LED lighting solution for the refrigerated display lighting category in 2004. Since then, more than 1.5 million LED refrigerated display light fixtures have been installed across the globe.

With its 50,000 hour rated life, our GE Immersion™ LED lighting reduces maintenance expenses, material costs, and the hassle of lighting disposal, creating a highly effective, environmentally friendly solution for refrigerated displays.



- Diffuses the light, inhibiting LED hot spots from appearing on merchandise
- Canopy and undershelf lighting solutions work together to produce seamless uniform illumination
- The slim profile is more discreet than fluorescent tubes, making sure customers see well-lit products and not the light source
- An adjustable clip allows for rotation of the light bar

# Specialty LED Solutions

## RV45

Immersion™ RV45 is the ultra-efficient LED solution designed to maximize energy savings in vertical refrigerated cases. By replacing fragile fluorescents with this reliable long-life LED lighting solution, retailers reduce maintenance and maximize ROI while creating a beautifully lit selling environment.

New Immersion RV45 LED refrigerated display lighting is the optimum solution for reducing energy costs. Using only 12 watts of energy per door, this innovative LED solution slashes case lighting power by up to 89% compared to T12 high output fluorescent systems. To drive even more energy savings, the system is dimmable and compatible with occupancy sensors.



- Enhanced visual appeal
- GE quality and reliability
- Easy install
- Long life
- Reduced maintenance

## RV60

GE's Immersion™ RV60 LED lighting system offers grocery and convenience store owners the next generation of energy-efficient refrigerated display lighting to help lower energy costs while enhancing the visual appeal of merchandise.

Designed to replace traditional T12 high output fluorescent lamps, GE's LED refrigerated display lighting helps retailers reduce energy usage in one of their biggest areas of consumption -- lighting vertical cases that house frozen foods, beverages, floral arrangements and more. The long-life LED lighting system is rated to perform up to 50,000 hours, contributing to significant reductions in maintenance costs as well.



- Replaces traditional T12HO fluorescents
- Uses 13 to 22 percent less energy than previous generations of vertical display lighting
- Up to 50,000 hour lifetime
- Reduced relamping costs
- Ultra-efficient LED technology to spread light evenly across food packages
- No IR, UV or mercury
- GE quality and reliability
- 5 year limited warranty



## Picard Retail Stores, France

### Our Customer

Picard is the largest French frozen food retailer chain with more than 800 supermarkets in several European cities. Since 1962, Picard has been selling food to French households and has been committed to managing resources in the most sustainable way.

### The Challenge

Picard's aim was to improve product visibility in vertical freezers while at the same time reduce energy costs and annual lighting maintenance requirements. Over a three year period, the company replaced existing fluorescent lamps with the best-in-class LED system in almost 1,200 doors throughout its French supermarkets.

### Our Solution

LED is an ideal solution for commercial refrigeration. Its lighting efficiency is superior to fluorescent lamps but with a much longer system life of 50,000 hours. Furthermore, GE Lighting's Immersion LED system does not require time to heat up and is not affected by cold environments or constant on/off switching. The quality and durability of the system is reflected in its 5 year limited warranty.

### Key benefits

- 75% reduction in energy costs
- 70% better light uniformity
- Cleaner and brighter appearance
- 85% less operating costs







# Improved performance and signal visibility

Long lasting LED signals

Less time spent on maintenance

Dramatic saving in energy costs

Improved visibility and sighting distance under various weather conditions

Up to 90% energy saving compared to traditional incandescent solutions



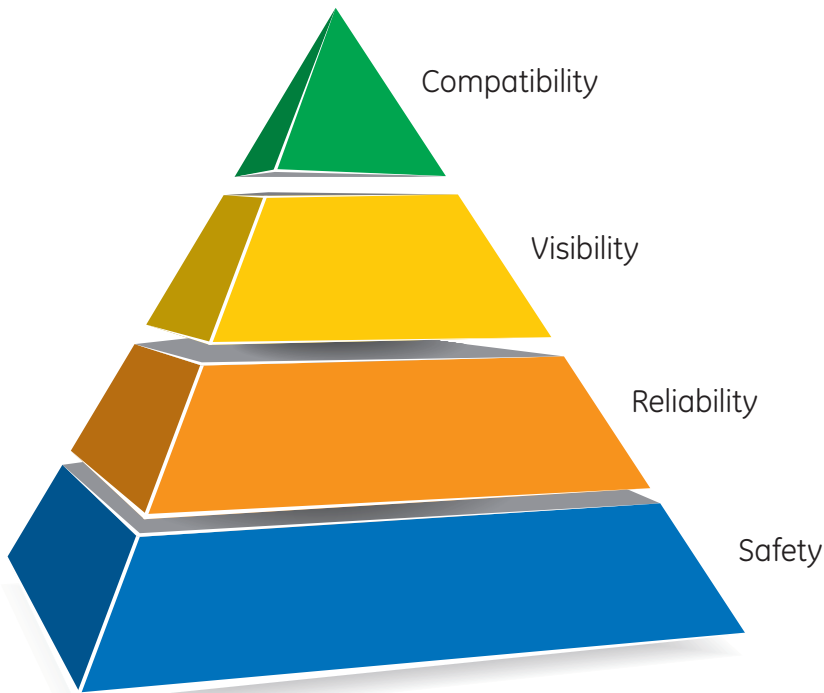
## RM4

Less is More: Few lighting applications better demonstrate the value of long-lasting LED solutions from GE Lighting - compared with traditional incandescent lamps - than our RM4 LED Signal Modules. The maintenance of commuter rail, rapid transit and freight railroad signals located in rail yards, in tunnels, on high bridges or close to energized high-voltage power lines presents serious employee hazards.

The less time spent trouble-shooting or changing lamps in such settings, the better. Installing new wayside signals with solid-state GE LED systems minimizes fall protection and power clearance concerns.



- OEM or retrofit use
- UV stabilized shell
- Compatible with most light-out detection systems
- Up to 90% energy efficiency over incandescent
- 140 mm and 200 mm models available
- GE quality and reliability





## TR3

As demand for public transportation grows, GE Lighting is ready with a rugged and reliable LED lighting solution for transit signalling applications. Designed for new or retrofit use, the TR3 LED signal outshines incandescent solutions. In addition to offering long-life, GE Lighting LED transit signals deliver superior signal visibility, brightness and major reductions in maintenance hassles and costs.



- Outstanding reliability
- Self-contained design provides protection against moisture and dust
- Easy to install and align
- Excellent appearance & visibility
- Robust LED system design enables high luminous intensity over long product life
- Meets rigorous certification and testing standards





# Outstanding performance and maximum flexibility

Constant reliability 24 hours a day, 365 days a year

Replacing incandescent signals with high-efficiency, long-life LED systems

Dramatic saving in energy costs

Reduced maintenance costs

Long life with over 50,000 hours





## GTx

With every new generation of GE transportation LED lighting, outstanding performance and maximum flexibility are always part of the package. Our GTx™ LED round signal modules represent our latest generation of LED signals. After 15 years of hard earned experience, and more than 6 million units sold worldwide, we're proud to say that our latest GTx LED round signal modules consume up to 15 percent less power than our previous signal generation did just a few years ago. We have even over-moulded the electrical connectors in the GTx, to prevent water wicking through the wires.



- Up to 90% greater energy efficiency versus incandescent
- Up to 15% greater energy efficiency versus GE's previous LED signal generations
- Provides LED degradation compensation
- Multiple step and gradual dimming configuration (optional)
- Mask compatible
- Intertek ETL Verified compliant
- GE quality and reliability

## DR2

Smart Repeater. With its unique snap-on ring system for housing flexibility, universal voltage and ultra-low power consumption, the GE 100mm DR2 LED traffic signal really is the smart choice in traffic repeaters. With proven reliability and low maintenance cost compared to incandescent, DR2 Signals offer exceptional value over the long-term.



- Up to 90% energy efficiency over incandescent
- Long life of 50,000 hours plus
- Uses customizable adaptor to fit with fixtures
- Strong polycarbonate front lens
- OEM or retrofit installation
- GE quality and reliability





## Bauru municipality, Brazil

### Our Customer

Bauru, a town most famous among Brazilians as the city where soccer superstar Pelé grew up, is a busy college town and transportation hub located at the centre of São Paulo, the country's most populous state and its economic engine.

### The Challenge

Low maintenance and high energy savings are just part of the bigger picture. One key reason for selecting GE's LED signals was reduction of the "sun-phantom effect," a frequent cause of false green or false red lights that can send a wrong signal to drivers causing car accidents.

### Our Solution

In terms of savings, the new GTx LED signals will reduce energy consumption by a stunning 80% over incandescent bulbs, and will last 10 times longer. That, coupled with significant reductions on maintenance costs, is expected to save the city more than \$2 million over their 10-year lifespan, making the traffic signals superstars in their own right among city managers.

### Key benefits

- 80% reduction in energy costs
- Lasts 10 times longer compared to traditional incandescent
- Cleaner and brighter appearance



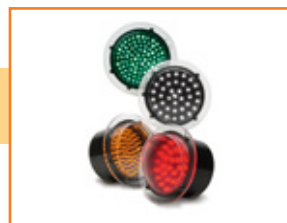
## Signage



## RDL



## Transportation Rail



## Transportation Traffic



# Product identification

The following glossary of terms will help you when selecting lamps in this section. Within each product line, lamps are divided into families – within these families, lamps are listed by wattage. The Product Description can be used as a quick reference to each product’s attributes.

| Product Lines                                                                                                                                                                                                                                                                                                                                                                                                                          | Part             | SKU   | Pack Quantity | LED Colour | Colour Temperature | Mounting   | Dimensions LxWxH (mm) | Lumens per Module (Typical)     | EEC | kWh/1000h | Voltage |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------|---------------|------------|--------------------|------------|-----------------------|---------------------------------|-----|-----------|---------|
| <div><div>Product description:<br/>The LED fixture's identification code</div><div>Product code:<br/>It is important to use this code when ordering to ensure that you receive the exact product you require</div><div>CCT [K]: Colour Temperature – Kelvins</div><div>Length:<br/>Fixture length in mm</div><div>Energy Consumption:<br/>kWh/1000h</div><div>Voltage:<br/>LED data is based on operation at rated voltage</div></div> |                  |       |               |            |                    |            |                       |                                 |     |           |         |
| RDL Product Range                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |       |               |            |                    |            |                       |                                 |     |           |         |
| RH30 standard – horizontal                                                                                                                                                                                                                                                                                                                                                                                                             | GEMT303650CAN-SY | 69642 | 1             | WHITE      | 5000K              | CANOPY     | 874x34x23             | 1078                            | A   | 17.49     | 24V     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                        | GEMT303650USL-SB | 69649 | 10            | WHITE      | 5000K              | UNDERSHELF | 874x34x23             | 371                             | A+  | 5.94      | 24V     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                        | GEMT303650USL-SY | 69648 | 1             | WHITE      | 5000K              | UNDERSHELF | 874x34x23             | 371                             | A+  | 5.94      | 24V     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |       |               | LED Colour | Mounting position  |            | Lumens per Module     | EEC:<br>Energy Efficiency Class |     |           |         |



# Specialty LED Solutions

| Product Lines                                                                           | Part                         | SKU       | LED colour | Colour Temperature | LEDs per Module | Modules per Metre | Viewing Angle | Lumens per Module (Typical) | EEC | kWh/1000h | Voltage |
|-----------------------------------------------------------------------------------------|------------------------------|-----------|------------|--------------------|-----------------|-------------------|---------------|-----------------------------|-----|-----------|---------|
| <b>Tetra® Product Range</b>                                                             |                              |           |            |                    |                 |                   |               |                             |     |           |         |
| <b>TETRA® miniMAX</b><br>13mm min. stroke width<br>38mm min. Depth                      | GEMM71-2                     | 13613     | WHITE      | 7100K              | 3               | 8                 | 150           | 36                          | A++ | 0.36      | 12V     |
|                                                                                         | GEMM71-2-CS1                 | 13614     | WHITE      | 7100K              | 3               | 6.6               | 150           | 36                          | A++ | 0.36      | 12V     |
|                                                                                         | GEMM50-2                     | 13619     | WARM WHITE | 5000K              | 3               | 8                 | 150           | 36                          | A++ | 0.36      | 12V     |
|                                                                                         | GEMM50-2-CS1                 | 93011542  | WARM WHITE | 5000K              | 3               | 6.6               | 150           | 36                          | A++ | 0.36      | 12V     |
|                                                                                         | GEMM41-2                     | 13620     | WARM WHITE | 4100K              | 3               | 8                 | 150           | 34                          | A++ | 0.36      | 12V     |
|                                                                                         | GEMM41-2-CS1                 | 93011543  | WARM WHITE | 4100K              | 3               | 6.6               | 150           | 34                          | A++ | 0.36      | 12V     |
|                                                                                         | GEMM32-2                     | 13625     | WARM WHITE | 3200K              | 3               | 8                 | 150           | 30                          | A++ | 0.36      | 12V     |
|                                                                                         | GEMM32-2-CS1                 | 93011544  | WARM WHITE | 3200K              | 3               | 6.6               | 150           | 30                          | A++ | 0.36      | 12V     |
|                                                                                         | GEMMRD-1                     | 98922     | RED        | 625nm              | 3               | 8                 | 150           | 11                          | NA  | NA        | 12V     |
|                                                                                         | GEMMBL-1                     | 98919     | BLUE       | 467nm              | 3               | 8                 | 150           | 8                           | NA  | NA        | 12V     |
| <b>TETRA® miniMAX Wet</b><br>13mm min. stroke width<br>38mm min. Depth                  | GEMMGL-1                     | 98920     | GREEN      | 530nm              | 3               | 8                 | 150           | 24                          | NA  | NA        | 12V     |
|                                                                                         | GEMMPO-1                     | 98921     | ORANGE     | 606nm              | 3               | 8                 | 150           | 19                          | NA  | NA        | 12V     |
|                                                                                         | GEMM71-W1                    | 93011515  | WHITE      | 7100K              | 3               | 8                 | 150           | 36                          | A++ | 0.36      | 12V     |
|                                                                                         | GEMM50-W1                    | 93011516  | WHITE      | 5000K              | 3               | 8                 | 150           | 36                          | A++ | 0.36      | 12V     |
|                                                                                         | GEMM41-W1                    | 93011517  | WARM WHITE | 4100K              | 3               | 8                 | 150           | 34                          | A++ | 0.36      | 12V     |
|                                                                                         | GEMM32-W1                    | 93011518  | WARM WHITE | 3200K              | 3               | 8                 | 150           | 30                          | A++ | 0.36      | 12V     |
|                                                                                         | GEMMRD-W1 MINIMAX WET RED    | GEMMRD-W1 | RED        | 625nm              | 3               | 8                 | 150           | 10.8                        | NA  | NA        | 12V     |
|                                                                                         | GEMMBL-W1 MINIMAX WET BLUE   | GEMMBL-W1 | BLUE       | 427nm              | 3               | 8                 | 150           | 7.6                         | NA  | NA        | 12V     |
|                                                                                         | GEMMGL-W1 MINIMAX WET GREEN  | GEMMGL-W1 | GREEN      | 603nm              | 3               | 8                 | 150           | 18.8                        | NA  | NA        | 12V     |
|                                                                                         | GEMMPO-W1 MINIMAX WET ORANGE | GEMMPO-W1 | ORANGE     | 530nm              | 3               | 8                 | 150           | 22.4                        | NA  | NA        | 12V     |
| <b>TETRA® miniMAX MS</b><br>13mm min. stroke width<br>38mm min. depth                   | GEMS71-1                     | 14397     | WHITE      | 7100K              | 3               | 8                 | Assym.        | 36                          | A++ | 0.42      | 12V     |
|                                                                                         | GEMS50-1                     | 14398     | WARM WHITE | 5000K              | 3               | 8                 | Assym.        | 36                          | A++ | 0.42      | 12V     |
|                                                                                         | GEMS41-1                     | 14399     | WARM WHITE | 4100K              | 3               | 8                 | Assym.        | 28                          | A++ | 0.42      | 12V     |
|                                                                                         | GEMS32-1                     | 14407     | WARM WHITE | 3200K              | 3               | 8                 | Assym.        | 28                          | A++ | 0.42      | 12V     |
| <b>TETRA® MAX</b><br>19mm min. stroke width<br>102mm min. height<br>>305mm letter depth | GEMX71-2                     | 13628     | WHITE      | 7100K              | 3               | 6.6               | 150           | 52                          | A++ | 0.50      | 12V     |
|                                                                                         | GEMX50-2                     | 13629     | WARM WHITE | 5000K              | 3               | 6.6               | 150           | 52                          | A++ | 0.50      | 12V     |
|                                                                                         | GEMX41-2                     | 13633     | WARM WHITE | 4100K              | 3               | 6.6               | 150           | 47                          | A++ | 0.50      | 12V     |
|                                                                                         | GEMX32-2                     | 13637     | WARM WHITE | 3200K              | 3               | 6.6               | 150           | 43                          | A++ | 0.50      | 12V     |
|                                                                                         | GEMXRD-1                     | 98925     | RED        | 625nm              | 3               | 6.6               | 150           | 14                          | NA  | NA        | 12V     |
|                                                                                         | GEMXBL-1                     | 98923     | BLUE       | 467nm              | 3               | 6.6               | 150           | 10                          | NA  | NA        | 12V     |
|                                                                                         | GEMXGL-1                     | 98924     | GREEN      | 530nm              | 3               | 6.6               | 150           | 30                          | A++ | 0.53      | 12V     |
|                                                                                         | GEMXPO-1                     | 98926     | ORANGE     | 606nm              | 3               | 6.6               | 150           | 13                          | NA  | NA        | 12V     |
|                                                                                         | GEMXRC-1                     | 98927     | RED-ORANGE | 618nm              | 3               | 6.6               | 150           | 12                          | NA  | NA        | 12V     |
|                                                                                         | GEMXYG-1                     | 98928     | AMBER      | 625nm              | 3               | 6.6               | 150           | 11                          | NA  | NA        | 12V     |
|                                                                                         | GEMXH71-2                    | 13638     | WHITE      | 7100K              | 3               | 6.6               | 150           | 82                          | A++ | 0.79      | 12V     |
|                                                                                         | GEMXH50-2                    | 13640     | WARM WHITE | 5000K              | 3               | 6.6               | 150           | 82                          | A++ | 0.79      | 12V     |
|                                                                                         | GEMXH41-2                    | 13651     | WARM WHITE | 4100K              | 3               | 6.6               | 150           | 75                          | A++ | 0.79      | 12V     |
|                                                                                         | GEMXH32-2                    | 13654     | WARM WHITE | 3200K              | 3               | 6.6               | 150           | 68                          | A++ | 0.79      | 12V     |
|                                                                                         | GEMXHRD-1                    | 98929     | RED        | 625nm              | 4               | 6.6               | 150           | 16                          | NA  | NA        | 12V     |

| Product Lines                                                                                     | Part                         | SKU        | LED colour | Colour Temperature | LEDs per Module | Modules per Metre | Viewing Angle | Lumens per Module (Typical) | EEC | kWh/1000h | Voltage |
|---------------------------------------------------------------------------------------------------|------------------------------|------------|------------|--------------------|-----------------|-------------------|---------------|-----------------------------|-----|-----------|---------|
| <b>TETRA® MAX Wet</b><br>19mm min. stroke width<br>>305mm letter height<br>102mm min. depth       | GEMX71-W1                    | 93013086   | WHITE      | 7100K              | 3               | 6.6               | 150           | 52                          | A++ | 0.50      | 12V     |
|                                                                                                   | GEMX50-W1                    | 93013085   | WARM WHITE | 5000K              | 3               | 6.6               | 150           | 52                          | A++ | 0.50      | 12V     |
|                                                                                                   | GEMX41-W1                    | 93013074   | WARM WHITE | 4100K              | 3               | 6.6               | 150           | 47                          | A++ | 0.50      | 12V     |
|                                                                                                   | GEMX32-W1                    | 93013073   | WARM WHITE | 3200K              | 3               | 6.6               | 150           | 43                          | A++ | 0.50      | 12V     |
|                                                                                                   | GEMXRD-W1 MAX WET RED        | GEMXRD-W1  | RED        | 625nm              | 3               | 6.6               | 150           | 14                          | NA  | NA        | 12V     |
|                                                                                                   | GEMXBL-W1 MAX WET BLUE       | GEMXBL-W1  | BLUE       | 467nm              | 3               | 6.6               | 150           | 10                          | NA  | NA        | 12V     |
|                                                                                                   | GEMXGL-W1 MAX WET GREEN      | GEMXGL-W1  | GREEN      | 530nm              | 3               | 6.6               | 150           | 28                          | NA  | NA        | 12V     |
|                                                                                                   | GEMXPO-W1 MAX WET ORANGE     | GEMXPO-W1  | ORANGE     | 606nm              | 3               | 6.6               | 150           | 13                          | NA  | NA        | 12V     |
|                                                                                                   | GEMXRC-W1 MAX WET RED ORANGE | GEMXRC-W1  | RED-ORANGE | 618nm              | 3               | 6.6               | 150           | 12                          | NA  | NA        | 12V     |
|                                                                                                   | GEMXYG-W1 MAX WET AMBER      | GEMXYG-W1  | AMBER      | 589nm              | 3               | 6.6               | 150           | 11                          | NA  | NA        | 12V     |
|                                                                                                   | GEMXH71-W1                   | 93013055   | WHITE      | 7100K              | 3               | 6.6               | 150           | 82                          | A++ | 0.79      | 12V     |
|                                                                                                   | GEMXH50-W1                   | 93013072   | WARM WHITE | 5000K              | 3               | 6.6               | 150           | 82                          | A++ | 0.79      | 12V     |
|                                                                                                   | GEMXH41-W1                   | 93013071   | WARM WHITE | 4100K              | 3               | 6.6               | 150           | 75                          | A++ | 0.79      | 12V     |
|                                                                                                   | GEMXH32-W1                   | 93013060   | WARM WHITE | 3200K              | 3               | 6.6               | 150           | 68                          | A++ | 0.79      | 12V     |
|                                                                                                   | GEMXHRD-W1 MAX HO WET RED    | GEMXHRD-W1 | RED        | 625nm              | 4               | 6.6               | 150           | 16                          | NA  | NA        | 12V     |
| <b>TETRA® PowerMAX</b><br>32mm min. stroke width<br>102mm min. height<br>>=915mm letter depth     | GEPM71-2                     | 13661      | WHITE      | 7100K              | 3               | 5                 | 150           | 133                         | A++ | 1.45      | 12V     |
|                                                                                                   | GEPM71-2-CS1                 | 13665      | WHITE      | 7100K              | 3               | 3.3               | 150           | 133                         | A++ | 1.45      | 12V     |
|                                                                                                   | GEPM50-2                     | 13668      | WARM WHITE | 5000K              | 3               | 5                 | 150           | 133                         | A++ | 1.45      | 12V     |
|                                                                                                   | GEPM50-2-CS1                 | 93011545   | WARM WHITE | 5000K              | 3               | 3.3               | 150           | 133                         | A++ | 1.45      | 12V     |
|                                                                                                   | GEPM41-2                     | 13669      | WARM WHITE | 4100K              | 3               | 5                 | 150           | 120                         | A++ | 1.45      | 12V     |
|                                                                                                   | GEPM41-2-CS1                 | 93011546   | WARM WHITE | 5000K              | 3               | 3.3               | 150           | 120                         | A++ | 1.45      | 12V     |
|                                                                                                   | GEPM32-2                     | 13671      | WARM WHITE | 3200K              | 3               | 5                 | 150           | 109                         | A++ | 1.45      | 12V     |
| <b>TETRA® PowerMAX Wet</b><br>32mm min. stroke width<br>>=915mm letter height<br>102mm min. depth | GEPM32-2-CS1                 | 93011547   | WARM WHITE | 5000K              | 3               | 3.3               | 150           | 109                         | A++ | 1.45      | 12V     |
|                                                                                                   | GEPM71-W1                    | 93013058   | WHITE      | 7100K              | 3               | 5                 | 150           | 133                         | A++ | 1.45      | 12V     |
|                                                                                                   | GEPM50-W1                    | 93013059   | WARM WHITE | 5000K              | 3               | 5                 | 150           | 133                         | A++ | 1.45      | 12V     |
|                                                                                                   | GEPM41-W1                    | 93013057   | WARM WHITE | 4100K              | 3               | 5                 | 150           | 120                         | A++ | 1.45      | 12V     |
| <b>TETRA® PowerStrip</b><br>127mm min. depth                                                      | GEPM32-W1                    | 93013056   | WARM WHITE | 3200K              | 3               | 5                 | 150           | 109                         | A++ | 1.45      | 12V     |
|                                                                                                   | GESS71-1*                    | 95630      | WHITE      | 7100K              | 5               | 3.3               | 140           | 280                         | A++ | 2.64      | 12V     |
|                                                                                                   | GESS2471-2 PSTRIP SS 7100K** | GESS2471-2 | WHITE      | 7100K              | 7               | 3.3               | 140           | 300                         | A++ | 2.64      | 12V     |
|                                                                                                   | GESS50-1*                    | 95631      | WARM WHITE | 5000K              | 5               | 3.3               | 140           | 280                         | A++ | 2.64      | 12V     |
|                                                                                                   | GESS2450-2 PSTRIP SS 5000K** | GESS2450-2 | WARM WHITE | 5000K              | 7               | 3.3               | 140           | 300                         | A++ | 2.64      | 12V     |
|                                                                                                   | GESS41-1*                    | 95632      | WARM WHITE | 4100K              | 5               | 3.3               | 140           | 210                         | A++ | 2.64      | 12V     |
|                                                                                                   | GESS2441-2 PSTRIP SS 4100K** | GESS2441-2 | WARM WHITE | 4100K              | 7               | 3.3               | 140           | 300                         | A++ | 2.64      | 12V     |
|                                                                                                   | GESS32-1*                    | 95633      | WARM WHITE | 3200K              | 5               | 3.3               | 140           | 210                         | A++ | 2.64      | 12V     |
|                                                                                                   | GESS2432-2 PSTRIP SS 3200K** | GESS2432-2 | WARM WHITE | 3200K              | 7               | 3.3               | 140           | 300                         | A++ | 2.64      | 12V     |
|                                                                                                   | GESSH71-1*                   | 98942      | WHITE      | 7100K              | 8               | 3.3               | 140           | 360                         | A+  | 3.99      | 12V     |
|                                                                                                   | GESS24H71-1**                | 93011555   | WHITE      | 7100K              | 14              | 3.3               | 140           | 368                         | A+  | 3.99      | 12V     |
|                                                                                                   | GESSH50-1*                   | 98943      | WARM WHITE | 5000K              | 8               | 3.3               | 140           | 360                         | A+  | 3.99      | 12V     |
|                                                                                                   | GESS24H50-1**                | 93011556   | WARM WHITE | 5000K              | 14              | 3.3               | 140           | 368                         | A+  | 3.99      | 12V     |
|                                                                                                   | GESSH41-1*                   | 98944      | WARM WHITE | 4100K              | 8               | 3.3               | 140           | 260                         | A+  | 3.99      | 12V     |
|                                                                                                   | GESS24H41-1**                | 93011557   | WARM WHITE | 4100K              | 14              | 3.3               | 140           | 344                         | A+  | 3.99      | 12V     |
|                                                                                                   | GESSH32-1*                   | 98945      | WARM WHITE | 3200K              | 8               | 3.3               | 140           | 260                         | A+  | 3.99      | 12V     |
|                                                                                                   | GESS24H32-1**                | 93011558   | WARM WHITE | 3200K              | 14              | 3.3               | 140           | 344                         | A+  | 3.99      | 12V     |

\*Phase out end of 2015/early 2016

\*\*Phase in end of 2015/ early 2016

# Specialty LED Solutions

| Product Lines                                             | Part                       | SKU      | LED colour | Colour Temperature | LEDs per Module | Modules per Metre | Viewing Angle | Lumens per Module (Typical) | EEC | kWh/1000h | Voltage |
|-----------------------------------------------------------|----------------------------|----------|------------|--------------------|-----------------|-------------------|---------------|-----------------------------|-----|-----------|---------|
| <b>Tetra® Product Range</b>                               |                            |          |            |                    |                 |                   |               |                             |     |           |         |
| <b>TETRA® PowerStrip DS</b><br>127mm min. depth from face | GEDS71-1*                  | 95636    | WHITE      | 7100K              | 10              | 3.3               | 140           | 560                         | A++ | 5.14      | 24V     |
|                                                           | GEDS71-2 PSTRIP DS 7100K** | GEDS71-2 | WHITE      | 7100K              | 14              | 3.3               | 140           | 600                         | A++ | 5.14      | 24V     |
|                                                           | GEDS50-1*                  | 95637    | WARM WHITE | 5000K              | 10              | 3.3               | 140           | 560                         | A++ | 5.14      | 24V     |
|                                                           | GEDS50-2 PSTRIP DS 5000K** | GEDS50-2 | WARM WHITE | 5000K              | 14              | 3.3               | 140           | 600                         | A++ | 5.14      | 24V     |
|                                                           | GEDS41-1*                  | 95638    | WARM WHITE | 4100K              | 10              | 3.3               | 140           | 420                         | A++ | 5.14      | 24V     |
|                                                           | GEDS41-2 PSTRIP DS 4100K** | GEDS41-2 | WARM WHITE | 4100K              | 14              | 3.3               | 140           | 600                         | A++ | 5.14      | 24V     |
|                                                           | GEDS32-1*                  | 95639    | WARM WHITE | 3200K              | 10              | 3.3               | 140           | 420                         | A++ | 5.14      | 24V     |
|                                                           | GEDS32-2 PSTRIP DS 3200K** | GEDS32-2 | WARM WHITE | 3200K              | 14              | 3.3               | 140           | 600                         | A++ | 5.14      | 24V     |
|                                                           | GEDSH71-1*                 | 98946    | WHITE      | 7100K              | 16              | 3.3               | 140           | 720                         | A+  | 7.21      | 24V     |
|                                                           | GEDSH71-2**                | 93011551 | WHITE      | 7100K              | 28              | 3.3               | 140           | 735                         | A+  | 7.21      | 24V     |
|                                                           | GEDSH50-1*                 | 98947    | WARM WHITE | 5000K              | 16              | 3.3               | 140           | 720                         | A+  | 7.21      | 24V     |
|                                                           | GEDSH50-2**                | 93011552 | WARM WHITE | 5000K              | 28              | 3.3               | 140           | 735                         | A+  | 7.21      | 24V     |
|                                                           | GEDSH41-1*                 | 98948    | WARM WHITE | 4100K              | 16              | 3.3               | 140           | 520                         | A+  | 7.21      | 24V     |
|                                                           | GEDSH41-2**                | 93011553 | WARM WHITE | 4100K              | 28              | 3.3               | 140           | 687                         | A+  | 7.21      | 24V     |
|                                                           | GEDSH32-1*                 | 98949    | WARM WHITE | 3200K              | 16              | 3.3               | 140           | 520                         | A+  | 7.21      | 24V     |
|                                                           | GEDSH32-2**                | 93011554 | WARM WHITE | 3200K              | 28              | 3.3               | 140           | 687                         | A+  | 7.21      | 24V     |
| <b>TETRA® miniStrip</b><br>76mm min. depth                | GEVHBS3                    | 98575    | WHITE      | 7100K              | 3               | 3.3               | 140           | 96                          | A++ | 1.21      | 12V     |
|                                                           | GEVWBS3-50K                | 98578    | WARM WHITE | 5000K              | 3               | 3.3               | 140           | 96                          | A++ | 1.21      | 12V     |
|                                                           | GEVWBS3-41K                | 98577    | WARM WHITE | 4100K              | 3               | 3.3               | 140           | 72                          | A++ | 1.21      | 12V     |
|                                                           | GEVWBS3                    | 98576    | WARM WHITE | 3200K              | 3               | 3.3               | 140           | 72                          | A++ | 1.21      | 12V     |
|                                                           | GEBSH71-1                  | 98950    | WHITE      | 7100K              | 3               | 3.3               | 140           | 120                         | A++ | 1.64      | 12V     |
|                                                           | GEBSH50-1                  | 98951    | WARM WHITE | 5000K              | 3               | 3.3               | 140           | 120                         | A++ | 1.64      | 12V     |
|                                                           | GEBSH41-1                  | 98952    | WARM WHITE | 4100K              | 3               | 3.3               | 140           | 90                          | A+  | 1.64      | 12V     |
| <b>TETRA® miniStrip DS</b><br>76mm min. depth from face   | GEBSH32-1                  | 98953    | WARM WHITE | 3200K              | 3               | 3.3               | 140           | 90                          | A+  | 1.64      | 12V     |
|                                                           | GEVHBDP6                   | 98579    | WHITE      | 7100K              | 6               | 3.3               | 140           | 192                         | A++ | 2.42      | 24V     |
|                                                           | GEVWBDP6-50K               | 98582    | WARM WHITE | 5000K              | 6               | 3.3               | 140           | 192                         | A++ | 2.42      | 24V     |
|                                                           | GEVWBDP6-41K               | 98581    | WARM WHITE | 4100K              | 6               | 3.3               | 140           | 144                         | A+  | 2.42      | 24V     |
|                                                           | GEVWBDP6                   | 98580    | WARM WHITE | 3200K              | 6               | 3.3               | 140           | 144                         | A+  | 2.42      | 24V     |
|                                                           | GEBDH71-1                  | 98954    | WHITE      | 7100K              | 6               | 3.3               | 140           | 240                         | A+  | 3.28      | 24V     |
|                                                           | GEBDH50-1                  | 98955    | WARM WHITE | 5000K              | 6               | 3.3               | 140           | 240                         | A+  | 3.28      | 24V     |
| <b>TETRA® EdgeStrip</b><br>76mm min. depth                | GEBDH41-1                  | 98956    | WARM WHITE | 4100K              | 6               | 3.3               | 140           | 180                         | A+  | 3.28      | 24V     |
|                                                           | GEBDH32-1                  | 98957    | WARM WHITE | 3200K              | 6               | 3.3               | 140           | 180                         | A+  | 3.28      | 24V     |
|                                                           | GEVHBIP2*                  | 98546    | WHITE      | 7100K              | 2               | 3.3               | 10 x 80       | 200                         | A++ | 2.64      | 24V     |
|                                                           | GEBI71-2 EDGESTRIP 7100**  | GEBI71-2 | WHITE      | 7100K              | 7               | 3.3               | 10 x 80       | 300                         | A++ | 2.64      | 24V     |
|                                                           | GEVWBIP2-50K*              | 98548    | WARM WHITE | 5000K              | 2               | 3.3               | 10 x 80       | 200                         | A++ | 2.64      | 24V     |
|                                                           | GEBI50-2 EDGESTRIP 5000**  | GEBI50-2 | WARM WHITE | 5000K              | 7               | 3.3               | 10 x 80       | 300                         | A++ | 2.64      | 24V     |
|                                                           | GEVWBIP2-41K*              | 98547    | WARM WHITE | 4100K              | 2               | 3.3               | 10 x 80       | 150                         | A+  | 2.64      | 24V     |
|                                                           | GEBI41-2 EDGESTRIP 4100**  | GEBI41-2 | WARM WHITE | 4100K              | 7               | 3.3               | 10 x 80       | 282                         | A++ | 2.64      | 24V     |
|                                                           | GEVWBIP2*                  | 61322    | WARM WHITE | 3200K              | 2               | 3.3               | 10 x 80       | 150                         | A+  | 2.64      | 24V     |
|                                                           | GEBI32-2 EDGESTRIP 3200**  | GEBI32-2 | WARM WHITE | 3200K              | 7               | 3.3               | 10 x 80       | 282                         | A++ | 2.64      | 24V     |
|                                                           | GEBIH71-1*                 | 98958    | WHITE      | 7100K              | 2               | 3.3               | 10 x 80       | 410                         | A+  | 5.94      | 24V     |
|                                                           | GEBIH71-2**                | 93011560 | WHITE      | 7100               | 7               | 3.3               | 27x80         | 550                         | A++ | 5.94      | 24V     |
|                                                           | GEBIH50-1*                 | 98959    | WARM WHITE | 5000K              | 2               | 3.3               | 10 x 80       | 410                         | A+  | 5.94      | 24V     |
|                                                           | GEBIH50-2**                | 93011561 | WARM WHITE | 5000               | 7               | 3.3               | 27x80         | 550                         | A++ | 5.94      | 24V     |
|                                                           | GEBIH41-1*                 | 98960    | WARM WHITE | 4100K              | 2               | 3.3               | 10 x 80       | 330                         | A   | 5.94      | 24V     |
|                                                           | GEBIH41-2**                | 93011562 | WARM WHITE | 4100               | 7               | 3.3               | 27x80         | 500                         | A++ | 5.94      | 24V     |
|                                                           | GEBIH32-1*                 | 98961    | WARM WHITE | 3200K              | 2               | 3.3               | 10 x 80       | 330                         | A   | 5.94      | 24V     |
|                                                           | GEBIH32-2**                | 93011521 | WARM WHITE | 3200               | 7               | 3.3               | 27x80         | 500                         | A++ | 5.94      | 24V     |

\*Phase out end of 2015/early 2016

\*\*Phase in end of 2015/ early 2016



| Product Lines                                                                 | Part      | SKU   | LED colour       | Colour Temperature | LEDs per Module | Modules per Metre | Viewing Angle | Lumens per Module (Typical) | EEC | kWh/1000h | Voltage |
|-------------------------------------------------------------------------------|-----------|-------|------------------|--------------------|-----------------|-------------------|---------------|-----------------------------|-----|-----------|---------|
| <b>Tetra® Product Range</b>                                                   |           |       |                  |                    |                 |                   |               |                             |     |           |         |
| <b>TETRA® Contour LS</b><br>Straight Border Lighting<br>15mm neon replacement | GEXNLRD-1 | 14035 | RED/RED          | 625nm              |                 |                   | 330           |                             | NA  | NA        | 24V     |
|                                                                               | GEXNLGL-1 | 14012 | GREEN/GREEN      | 532nm              |                 |                   | 330           |                             | A   | 1.90      | 24V     |
|                                                                               | GEXNLBL-1 | 14003 | BLUE/BLUE        | 467nm              |                 |                   | 330           |                             | NA  | NA        | 24V     |
|                                                                               | GEXNL65-1 | 14036 | WHITE/WHITE      | 6500K              |                 |                   | 330           |                             | B   | 3.49      | 24V     |
|                                                                               | GEXNL32-1 | 14042 | WARM WHITE/WHITE | 3200K              |                 |                   | 330           |                             | B   | 3.49      | 24V     |
| <b>TETRA® Contour</b><br>Border & Accent Lighting<br>15mm neon replacement    | GEXNRD-1  | 13966 | RED              | 625nm              |                 |                   | 330           |                             | NA  | NA        | 24V     |
|                                                                               | GEXNGL-1  | 13964 | GREEN            | 532nm              |                 |                   | 330           |                             | A   | 1.67      | 24V     |
|                                                                               | GEXNBL-1  | 13962 | BLUE             | 467nm              |                 |                   | 330           |                             | NA  | NA        | 24V     |
|                                                                               | GEXNRC-1  | 13965 | RED/ORANGE       | 618nm              |                 |                   | 330           |                             | B   | 2.50      | 24V     |
|                                                                               | GEXNYA-1  | 13975 | AMBER            | 589nm              |                 |                   | 330           |                             | NA  | NA        | 24V     |
|                                                                               | GEXN65-1  | 13971 | WHITE            | 6500K              |                 |                   | 330           |                             | B   | 3.49      | 24V     |
|                                                                               | GEXN32-1  | 13972 | WARM WHITE       | 3200K              |                 |                   | 330           |                             | B   | 3.49      | 24V     |

| Product Lines               | Part                       | SKU      | Watts | Number of Outputs | Dimmable Y/N | Dimming Type | Input Voltage | Frequency | Dimensions LxWxH (mm) | Location Rating | Output Voltage |
|-----------------------------|----------------------------|----------|-------|-------------------|--------------|--------------|---------------|-----------|-----------------------|-----------------|----------------|
| <b>Tetra® Product Range</b> |                            |          |       |                   |              |              |               |           |                       |                 |                |
| <b>TETRA® LED Drivers</b>   | GEPS12-25U-EU PS 12VDC/25W | 93011513 | 25W   | 1x 25W            | N            |              | 108-305V      | 50/60Hz   | 133x 40 x 30.5        | DRY / DAMP      | 12V            |
|                             | GEPS12-60U-GL              | 98917    | 60W   | 1x60W             | N            |              | 120-277V      | 50/60Hz   | 240x43x30             | DRY / DAMP      | 12V            |
|                             | GEPS12W-60M                | 98617    | 60W   | 1x60W             | N            |              | 100-240V      | 50/60Hz   | 307x52x32             | WET             | 12V            |
|                             | GEPS12D-60                 | 98615    | 60W   | 1x60W             | Y            | 0 - 10V      | 100-277V      | 50/60Hz   | 240x43x30             | DRY / DAMP      | 12V            |
|                             | GEPS24-20                  | 98603    | 20W   | 1x20W             | N            |              | 120-240V      | 50/60Hz   | 150x37 x32            | DRY / DAMP      | 24V            |
|                             | GEPS24-25U-EU PS 24VDC/25W | 93011514 | 25W   | 1X25W             | N            |              | 108-305V      | 50/60Hz   | 240x43x30             | DRY / DAMP      | 24V            |
|                             | GEPS24W-80M                | 98607    | 80W   | 1x80W             | N            |              | 100-240V      | 50/60Hz   | 307x52x32             | WET             | 24V            |
|                             | GEPS24D-80                 | 98605    | 80W   | 1x80W             | Y            | 0 - 10V      | 100-277V      | 50/60Hz   | 240x43x30             | DRY / DAMP      | 24V            |
|                             | GEPS24-100U-GL             | 98941    | 100W  | 1x100W            | N            |              | 120-277V      | 50/60Hz   | 240x43x30             | DRY / DAMP      | 24V            |
|                             | GEPS24-180U                | 98602    | 180W  | 2x90W             | N            |              | 100-277V      | 50/60Hz   | 392x62x40             | DRY / DAMP      | 24V            |



# Specialty LED Solutions

| Product Lines              | Part             | SKU   | Pack Quantity | LED Colour | Colour Temperature | Mounting   | Dimensions LxWxH [mm] | Lumens per Module (Typical) | EEC | kWh/1000h | Voltage |
|----------------------------|------------------|-------|---------------|------------|--------------------|------------|-----------------------|-----------------------------|-----|-----------|---------|
| RH30 standard – horizontal | GEMT302430CAN-SB | 69684 | 10            | WHITE      | 3000K              | CANOPY     | 604 x 34 x 23         | 600                         | A   | 11.44     | 24V     |
|                            | GEMT302430CAN-SY | 69682 | 1             | WHITE      | 3000K              | CANOPY     | 604 x 34 x 23         | 600                         | A   | 11.44     | 24V     |
|                            | GEMT302430USL-SB | 69690 | 10            | WHITE      | 3000K              | UNDERSHELF | 604 x 34 x 23         | 150                         | A   | 3.96      | 24V     |
|                            | GEMT302430USL-SY | 69689 | 1             | WHITE      | 3000K              | UNDERSHELF | 604 x 34 x 23         | 150                         | A   | 3.96      | 24V     |
|                            | GEMT302435CAN-SB | 69710 | 10            | WHITE      | 3500K              | CANOPY     | 604 x 34 x 23         | 738                         | A   | 11.44     | 24V     |
|                            | GEMT302435CAN-SY | 69709 | 1             | WHITE      | 3500K              | CANOPY     | 604 x 34 x 23         | 738                         | A   | 11.44     | 24V     |
|                            | GEMT302435USL-SB | 69716 | 10            | WHITE      | 3500K              | UNDERSHELF | 604 x 34 x 23         | 250                         | A   | 11.44     | 24V     |
|                            | GEMT302435USL-SY | 69715 | 1             | WHITE      | 3500K              | UNDERSHELF | 604 x 34 x 23         | 250                         | A   | 11.44     | 24V     |
|                            | GEMT302440CAN-SB | 69653 | 10            | WHITE      | 4000K              | CANOPY     | 604 x 34 x 23         | 773                         | A   | 11.44     | 24V     |
|                            | GEMT302440CAN-SY | 69652 | 1             | WHITE      | 4000K              | CANOPY     | 604 x 34 x 23         | 773                         | A   | 11.44     | 24V     |
|                            | GEMT302440USL-SB | 69665 | 10            | WHITE      | 4000K              | UNDERSHELF | 604 x 34 x 23         | 240                         | A+  | 3.96      | 24V     |
|                            | GEMT302440USL-SY | 69664 | 1             | WHITE      | 4000K              | UNDERSHELF | 604 x 34 x 23         | 240                         | A+  | 3.96      | 24V     |
|                            | GEMT302450CAN-SB | 69641 | 10            | WHITE      | 5000K              | CANOPY     | 604 x 34 x 23         | 737                         | A   | 11.44     | 24V     |
|                            | GEMT302450CAN-SY | 69640 | 1             | WHITE      | 5000K              | CANOPY     | 604 x 34 x 23         | 737                         | A   | 11.44     | 24V     |
|                            | GEMT302450USL-SB | 69647 | 10            | WHITE      | 5000K              | UNDERSHELF | 604 x 34 x 23         | 245                         | A+  | 3.96      | 24V     |
|                            | GEMT302450USL-SY | 69646 | 1             | WHITE      | 5000K              | UNDERSHELF | 604 x 34 x 23         | 245                         | A+  | 3.96      | 24V     |
|                            | GEMT303630CAN-SB | 69686 | 10            | WHITE      | 3000K              | CANOPY     | 874 x 34 x 23         | 900                         | A   | 17.49     | 24V     |
|                            | GEMT303630CAN-SY | 69685 | 1             | WHITE      | 3000K              | CANOPY     | 874 x 34 x 23         | 900                         | A   | 17.49     | 24V     |
|                            | GEMT303630USL-SB | 69694 | 10            | WHITE      | 3000K              | UNDERSHELF | 874 x 34 x 23         | 350                         | A   | 5.94      | 24V     |
|                            | GEMT303630USL-SY | 69691 | 1             | WHITE      | 3000K              | UNDERSHELF | 874 x 34 x 23         | 350                         | A   | 5.94      | 24V     |
|                            | GEMT303635CAN-SB | 69712 | 10            | WHITE      | 3500K              | CANOPY     | 874 x 34 x 23         | 960                         | A   | 17.49     | 24V     |
|                            | GEMT303635CAN-SY | 69711 | 1             | WHITE      | 3500K              | CANOPY     | 874 x 34 x 23         | 960                         | A   | 17.49     | 24V     |
|                            | GEMT303635USL-SB | 69718 | 10            | WHITE      | 3500K              | UNDERSHELF | 874 x 34 x 23         | 385                         | A+  | 5.94      | 24V     |
|                            | GEMT303635USL-SY | 69717 | 1             | WHITE      | 3500K              | UNDERSHELF | 874 x 34 x 23         | 385                         | A+  | 5.94      | 24V     |
|                            | GEMT303640CAN-SB | 69661 | 10            | WHITE      | 4000K              | CANOPY     | 874 x 34 x 23         | 1020                        | A   | 17.49     | 24V     |
|                            | GEMT303640CAN-SY | 69660 | 1             | WHITE      | 4000K              | CANOPY     | 874 x 34 x 23         | 1020                        | A   | 17.49     | 24V     |
|                            | GEMT303640USL-SB | 69667 | 10            | WHITE      | 4000K              | UNDERSHELF | 874 x 34 x 23         | 420                         | A+  | 5.94      | 24V     |
|                            | GEMT303640USL-SY | 69666 | 1             | WHITE      | 4000K              | UNDERSHELF | 874 x 34 x 23         | 420                         | A+  | 5.94      | 24V     |
|                            | GEMT303650CAN-SB | 69643 | 10            | WHITE      | 5000K              | CANOPY     | 874 x 34 x 23         | 1078                        | A   | 17.49     | 24V     |
|                            | GEMT303650CAN-SY | 69642 | 1             | WHITE      | 5000K              | CANOPY     | 874 x 34 x 23         | 1078                        | A   | 17.49     | 24V     |
|                            | GEMT303650USL-SB | 69649 | 10            | WHITE      | 5000K              | UNDERSHELF | 874 x 34 x 23         | 371                         | A+  | 5.94      | 24V     |
|                            | GEMT303650USL-SY | 69648 | 1             | WHITE      | 5000K              | UNDERSHELF | 874 x 34 x 23         | 371                         | A+  | 5.94      | 24V     |
|                            | GEMT304830CAN-SB | 69688 | 10            | WHITE      | 3000K              | CANOPY     | 1144 x 34 x 23        | 1200                        | A   | 23.65     | 24V     |
|                            | GEMT304830CAN-SY | 69687 | 1             | WHITE      | 3000K              | CANOPY     | 1144 x 34 x 23        | 1200                        | A   | 23.65     | 24V     |
|                            | GEMT304830USL-SB | 69696 | 10            | WHITE      | 3000K              | UNDERSHELF | 1144 x 34 x 23        | 450                         | A   | 7.81      | 24V     |
|                            | GEMT304830USL-SY | 69695 | 1             | WHITE      | 3000K              | UNDERSHELF | 1144 x 34 x 23        | 450                         | A   | 7.81      | 24V     |
|                            | GEMT304835CAN-SB | 69714 | 10            | WHITE      | 3500K              | CANOPY     | 1144 x 34 x 23        | 1300                        | A   | 23.65     | 24V     |
|                            | GEMT304835CAN-SY | 69713 | 1             | WHITE      | 3500K              | CANOPY     | 1144 x 34 x 23        | 1300                        | A   | 23.65     | 24V     |
|                            | GEMT304835USL-SB | 69720 | 10            | WHITE      | 3500K              | UNDERSHELF | 1144 x 34 x 23        | 515                         | A+  | 7.81      | 24V     |
|                            | GEMT304835USL-SY | 69719 | 1             | WHITE      | 3500K              | UNDERSHELF | 1144 x 34 x 23        | 515                         | A+  | 7.81      | 24V     |
|                            | GEMT304840CAN-SB | 69663 | 10            | WHITE      | 4000K              | CANOPY     | 1144 x 34 x 23        | 1400                        | A   | 23.65     | 24V     |
|                            | GEMT304840CAN-SY | 69662 | 1             | WHITE      | 4000K              | CANOPY     | 1144 x 34 x 23        | 1400                        | A   | 23.65     | 24V     |
|                            | GEMT304840USL-SB | 69669 | 10            | WHITE      | 4000K              | UNDERSHELF | 1144 x 34 x 23        | 560                         | A+  | 7.81      | 24V     |
|                            | GEMT304840USL-SY | 69668 | 1             | WHITE      | 4000K              | UNDERSHELF | 1144 x 34 x 23        | 560                         | A+  | 7.81      | 24V     |
|                            | GEMT304850CAN-SB | 69645 | 10            | WHITE      | 5000K              | CANOPY     | 1144 x 34 x 23        | 1440                        | A   | 23.65     | 24V     |
|                            | GEMT304850CAN-SY | 69644 | 1             | WHITE      | 5000K              | CANOPY     | 1144 x 34 x 23        | 1440                        | A   | 23.65     | 24V     |
|                            | GEMT304850USL-SB | 69651 | 10            | WHITE      | 5000K              | UNDERSHELF | 1144 x 34 x 23        | 500                         | A+  | 7.81      | 24V     |
|                            | GEMT304850USL-SY | 69650 | 1             | WHITE      | 5000K              | UNDERSHELF | 1144 x 34 x 23        | 500                         | A+  | 7.81      | 24V     |



| Product Lines             | Part             | SKU   | Pack Quantity | LED Colour | Colour Temperature | Mounting   | Dimensions LxWxH (mm) | Lumens per Module (Typical) | EEC | kWh/1000h | Voltage |
|---------------------------|------------------|-------|---------------|------------|--------------------|------------|-----------------------|-----------------------------|-----|-----------|---------|
| <b>RDL Product Range</b>  |                  |       |               |            |                    |            |                       |                             |     |           |         |
| RH30 100W driver          | GEPS6000NCMUL-SY | 68593 | 1             |            |                    |            | 273 x 42 x28          |                             |     |           | 24V     |
| RH30 50W driver           | GEPS6500NCMUL-SY | 68595 | 1             |            |                    |            | 273 x 42 x28          |                             |     |           | 24V     |
| RH30 mounting clip        | GEMT3000NCM1-SY  | 69721 | 1 pack of 2   |            |                    |            | 27 x 26 x 30          |                             |     |           |         |
| RH30 mounting clip        | GEMT3000NCM1-SB  | 69723 | 1 pack of 20  |            |                    |            | 27 x 26 x 30          |                             |     |           |         |
| RH30 Premium – horizontal | GEMT312430CAN-SB | 69698 | 10            | WHITE      | 3000K              | CANOPY     | 604 x 34 x 23         | 427                         | A   | 11.44     | 24V     |
|                           | GEMT312430CAN-SY | 69697 | 1             | WHITE      | 3000K              | CANOPY     | 604 x 34 x 23         | 427                         | A   | 11.44     | 24V     |
|                           | GEMT312430USL-SB | 69704 | 10            | WHITE      | 3000K              | UNDERSHELF | 604 x 34 x 23         | 160                         | A   | 5.94      | 24V     |
|                           | GEMT312430USL-SY | 69703 | 1             | WHITE      | 3000K              | UNDERSHELF | 604 x 34 x 23         | 160                         | A   | 5.94      | 24V     |
|                           | GEMT312440CAN-SB | 69671 | 10            | WHITE      | 4000K              | CANOPY     | 604 x 34 x 23         | 481                         | A   | 11.44     | 24V     |
|                           | GEMT312440CAN-SY | 69670 | 1             | WHITE      | 4000K              | CANOPY     | 604 x 34 x 23         | 481                         | A   | 11.44     | 24V     |
|                           | GEMT312440USL-SB | 69677 | 10            | WHITE      | 4000K              | UNDERSHELF | 604 x 34 x 23         | 181                         | A   | 3.96      | 24V     |
|                           | GEMT312440USL-SY | 69676 | 1             | WHITE      | 4000K              | UNDERSHELF | 604 x 34 x 23         | 181                         | A   | 3.96      | 24V     |
|                           | GEMT313630CAN-SB | 69700 | 10            | WHITE      | 3000K              | CANOPY     | 890 x 34 x 23         | 630                         | A   | 17.49     | 24V     |
|                           | GEMT313630CAN-SY | 69699 | 1             | WHITE      | 3000K              | CANOPY     | 890 x 34 x 23         | 630                         | A   | 17.49     | 24V     |
|                           | GEMT313630USL-SB | 69706 | 10            | WHITE      | 3000K              | UNDERSHELF | 890 x 34 x 23         | 242                         | A   | 5.94      | 24V     |
|                           | GEMT313630USL-SY | 69705 | 1             | WHITE      | 3000K              | UNDERSHELF | 890 x 34 x 23         | 242                         | A   | 5.94      | 24V     |
|                           | GEMT313640CAN-SB | 69673 | 10            | WHITE      | 4000K              | CANOPY     | 890 x 34 x 23         | 730                         | A   | 17.49     | 24V     |
|                           | GEMT313640CAN-SY | 69672 | 1             | WHITE      | 4000K              | CANOPY     | 890 x 34 x 23         | 730                         | A   | 17.49     | 24V     |
|                           | GEMT313640USL-SB | 69679 | 10            | WHITE      | 4000K              | UNDERSHELF | 890 x 34 x 23         | 274                         | A   | 5.94      | 24V     |
|                           | GEMT313640USL-SY | 69678 | 1             | WHITE      | 4000K              | UNDERSHELF | 890 x 34 x 23         | 274                         | A   | 5.94      | 24V     |
|                           | GEMT314830CAN-SB | 69702 | 10            | WHITE      | 3000K              | CANOPY     | 1160 x 34 x 23        | 812                         | A   | 23.65     | 24V     |
|                           | GEMT314830CAN-SY | 69701 | 1             | WHITE      | 3000K              | CANOPY     | 1160 x 34 x 23        | 812                         | A   | 23.65     | 24V     |
|                           | GEMT314830USL-SB | 69708 | 10            | WHITE      | 3000K              | UNDERSHELF | 1160 x 34 x 23        | 320                         | A   | 7.81      | 24V     |
|                           | GEMT314830USL-SY | 69707 | 1             | WHITE      | 3000K              | UNDERSHELF | 1160 x 34 x 23        | 320                         | A   | 7.81      | 24V     |
|                           | GEMT314840CAN-SB | 69675 | 10            | WHITE      | 4000K              | CANOPY     | 1160 x 34 x 23        | 937                         | A   | 23.65     | 24V     |
|                           | GEMT314840CAN-SY | 69674 | 1             | WHITE      | 4000K              | CANOPY     | 1160 x 34 x 23        | 937                         | A   | 23.65     | 24V     |
|                           | GEMT314840USL-SB | 69681 | 10            | WHITE      | 4000K              | UNDERSHELF | 1160 x 34 x 23        | 357                         | A   | 7.81      | 24V     |
|                           | GEMT314840USL-SY | 69680 | 1             | WHITE      | 4000K              | UNDERSHELF | 1160 x 34 x 23        | 357                         | A   | 7.81      | 24V     |
| RH30 100W Driver          | GEPS6000NCMUL-SY | 68593 | 1             |            |                    |            | 273 x 42 x28          |                             |     |           | 24V     |
| RH30 50W Driver           | GEPS6500NCMUL-SY | 68595 | 1             |            |                    |            | 273 x 42 x28          |                             |     |           | 24V     |
| RH30 Mounting Clip        | GEMT3000NCM1-SY  | 69721 | 1 pack of 2   |            |                    |            | 27 x 26 x 30          |                             |     |           |         |
| RH30 Mounting Clip        | GEMT3000NCM1-SB  | 69723 | 1 pack of 20  |            |                    |            | 27 x 26 x 30          |                             |     |           |         |

# Specialty LED Solutions

| Product Lines            | Part             | SKU   | Pack Quantity | LED Colour | Colour Temperature | Mounting | Dimensions LxWxH [mm] | Lumens per Module (Typical) | EEC | kWh/1000h | Voltage |
|--------------------------|------------------|-------|---------------|------------|--------------------|----------|-----------------------|-----------------------------|-----|-----------|---------|
| <b>RDL Product Range</b> |                  |       |               |            |                    |          |                       |                             |     |           |         |
| <b>RV45 -- Vertical</b>  | GELT4E6040CTR-SB | 67795 | 10            | WHITE      | 4000K              | CENTRE   | 1498 x 42 x 32        | 840                         | A   | 12.65     | 12V     |
|                          | GELT4E6040CTR-SY | 67792 | 1             | WHITE      | 4000K              | CENTRE   | 1498 x 42 x 32        | 840                         | A   | 12.65     | 12V     |
|                          | GELT4E6040EDL-SB | 67797 | 10            | WHITE      | 4000K              | LEFT     | 1502 x 39 x 37        | 488                         | A+  | 6.49      | 12V     |
|                          | GELT4E6040EDL-SY | 67794 | 1             | WHITE      | 4000K              | LEFT     | 1502 x 39 x 37        | 488                         | A+  | 6.49      | 12V     |
|                          | GELT4E6040EDR-SB | 67796 | 10            | WHITE      | 4000K              | RIGHT    | 1502 x 39 x 37        | 488                         | A+  | 6.49      | 12V     |
|                          | GELT4E6040EDR-SY | 67793 | 1             | WHITE      | 4000K              | RIGHT    | 1502 x 39 x 37        | 488                         | A+  | 6.49      | 12V     |
|                          | GELT4E6050CTR-SB | 67789 | 10            | WHITE      | 5000K              | CENTRE   | 1498 x 42 x 32        | 935                         | A+  | 12.65     | 12V     |
|                          | GELT4E6050CTR-SY | 67786 | 1             | WHITE      | 5000K              | CENTRE   | 1498 x 42 x 32        | 935                         | A+  | 12.65     | 12V     |
|                          | GELT4E6050EDL-SB | 67791 | 10            | WHITE      | 5000K              | LEFT     | 1502 x 39 x 37        | 542                         | A+  | 6.49      | 12V     |
|                          | GELT4E6050EDL-SY | 67788 | 1             | WHITE      | 5000K              | LEFT     | 1502 x 39 x 37        | 542                         | A+  | 6.49      | 12V     |
|                          | GELT4E6050EDR-SB | 67790 | 10            | WHITE      | 5000K              | RIGHT    | 1502 x 39 x 37        | 542                         | A+  | 6.49      | 12V     |
|                          | GELT4E6050EDR-SY | 67787 | 1             | WHITE      | 5000K              | RIGHT    | 1502 x 39 x 37        | 542                         | A+  | 6.49      | 12V     |
|                          | GELT4E7040CTR-SB | 67807 | 10            | WHITE      | 4000K              | CENTRE   | 1762 x 42 x 32        | 939                         | A   | 15.18     | 12V     |
|                          | GELT4E7040CTR-SY | 67804 | 1             | WHITE      | 4000K              | CENTRE   | 1762 x 42 x 32        | 939                         | A   | 15.18     | 12V     |
|                          | GELT4E7040EDL-SB | 67809 | 10            | WHITE      | 4000K              | LEFT     | 1766 x 39 x 37        | 599                         | A+  | 7.92      | 12V     |
|                          | GELT4E7040EDL-SY | 67806 | 1             | WHITE      | 4000K              | LEFT     | 1766 x 39 x 37        | 599                         | A+  | 7.92      | 12V     |
|                          | GELT4E7040EDR-SB | 67808 | 10            | WHITE      | 4000K              | RIGHT    | 1766 x 39 x 37        | 599                         | A+  | 7.92      | 12V     |
|                          | GELT4E7040EDR-SY | 67805 | 1             | WHITE      | 4000K              | RIGHT    | 1766 x 39 x 37        | 599                         | A+  | 7.92      | 12V     |
|                          | GELT4E7050CTR-SB | 67801 | 10            | WHITE      | 5000K              | CENTRE   | 1762 x 42 x 32        | 1166                        | A+  | 15.18     | 12V     |
|                          | GELT4E7050CTR-SY | 67798 | 1             | WHITE      | 5000K              | CENTRE   | 1762 x 42 x 32        | 1166                        | A+  | 15.18     | 12V     |
|                          | GELT4E7050EDL-SB | 67803 | 10            | WHITE      | 5000K              | LEFT     | 1766 x 39 x 37        | 686                         | A+  | 7.92      | 12V     |
|                          | GELT4E7050EDL-SY | 67800 | 1             | WHITE      | 5000K              | LEFT     | 1766 x 39 x 37        | 686                         | A+  | 7.92      | 12V     |
|                          | GELT4E7050EDR-SB | 67802 | 10            | WHITE      | 5000K              | RIGHT    | 1766 x 39 x 37        | 686                         | A+  | 7.92      | 12V     |
|                          | GELT4E7050EDR-SY | 67799 | 1             | WHITE      | 5000K              | RIGHT    | 1766 x 39 x 37        | 686                         | A+  | 7.92      | 12V     |
| <b>RV45 Driver</b>       | GEPS4000NCMUL-SY | 79813 | 1             |            |                    |          | 273 x 42 x 27         |                             |     |           | 12V     |
| <b>RV45 Wire Cover</b>   | GE-CV-4060CTR    | 79814 | 1 pack of 10  |            |                    |          | 45 x 36 x 30          |                             |     |           |         |
| <b>RV60 -- Vertical</b>  | GELT604835CTR-SB | 85757 | 10            | WHITE      | 3500K              | CENTRE   | 1233 x 66 x 33        | 813                         | A   | 12.32     | 24V     |
|                          | GELT604835CTR-SY | 85754 | 1             | WHITE      | 3500K              | CENTRE   | 1233 x 66 x 33        | 813                         | A   | 12.32     | 24V     |
|                          | GELT604835EDL-SB | 85759 | 10            | WHITE      | 3500K              | LEFT     | 1233 x 53 x 40        | 500                         | A+  | 7.59      | 24V     |
|                          | GELT604835EDL-SY | 85756 | 1             | WHITE      | 3500K              | LEFT     | 1233 x 53 x 40        | 500                         | A+  | 7.59      | 24V     |
|                          | GELT604835EDR-SB | 85758 | 10            | WHITE      | 3500K              | RIGHT    | 1233 x 53 x 40        | 500                         | A+  | 7.59      | 24V     |
|                          | GELT604835EDR-SY | 85755 | 1             | WHITE      | 3500K              | RIGHT    | 1233 x 53 x 40        | 500                         | A+  | 7.59      | 24V     |
|                          | GELT604840CTR-SB | 85751 | 10            | WHITE      | 4000K              | CENTRE   | 1233 x 66 x 33        | 844                         | A   | 12.32     | 24V     |
|                          | GELT604840CTR-SY | 85748 | 1             | WHITE      | 4000K              | CENTRE   | 1233 x 66 x 33        | 844                         | A   | 12.32     | 24V     |
|                          | GELT604840EDL-SB | 85753 | 10            | WHITE      | 4000K              | LEFT     | 1233 x 53 x 40        | 534                         | A+  | 7.59      | 24V     |
|                          | GELT604840EDL-SY | 85750 | 1             | WHITE      | 4000K              | LEFT     | 1233 x 53 x 40        | 534                         | A+  | 7.59      | 24V     |
|                          | GELT604840EDR-SB | 85752 | 10            | WHITE      | 4000K              | RIGHT    | 1233 x 53 x 40        | 534                         | A+  | 7.59      | 24V     |
|                          | GELT604840EDR-SY | 85749 | 1             | WHITE      | 4000K              | RIGHT    | 1233 x 53 x 40        | 534                         | A+  | 7.59      | 24V     |
|                          | GELT604850CTR-SB | 85745 | 10            | WHITE      | 5000K              | CENTRE   | 1233 x 66 x 33        | 896                         | A   | 12.32     | 24V     |
|                          | GELT604850CTR-SY | 85742 | 1             | WHITE      | 5000K              | CENTRE   | 1233 x 66 x 33        | 896                         | A   | 12.32     | 24V     |
|                          | GELT604850EDL-SB | 85747 | 10            | WHITE      | 5000K              | LEFT     | 1233 x 53 x 40        | 559                         | A+  | 7.59      | 24V     |
|                          | GELT604850EDL-SY | 85744 | 1             | WHITE      | 5000K              | LEFT     | 1233 x 53 x 40        | 559                         | A+  | 7.59      | 24V     |
|                          | GELT604850EDR-SB | 85746 | 10            | WHITE      | 5000K              | RIGHT    | 1233 x 53 x 40        | 559                         | A+  | 7.59      | 24V     |

| Product Lines    | Part             | SKU   | Pack Quantity | LED Colour | Colour Temperature | Mounting | Dimensions LxWxH (mm) | Lumens per Module (Typical) | EEC | kWh/1000h | Voltage |
|------------------|------------------|-------|---------------|------------|--------------------|----------|-----------------------|-----------------------------|-----|-----------|---------|
| RV60 – Vertical  | GELT604850EDR-SY | 85743 | 1             | WHITE      | 5000K              | RIGHT    | 1233 x 53 x 40        | 559                         | A+  | 7.59      | 24V     |
|                  | GELT606035CTR-SB | 85714 | 10            | WHITE      | 3500K              | CENTRE   | 1533 x 66 x 33        | 908                         | A   | 15.29     | 24V     |
|                  | GELT606035CTR-SY | 85711 | 1             | WHITE      | 3500K              | CENTRE   | 1533 x 66 x 33        | 908                         | A   | 15.29     | 24V     |
|                  | GELT606035EDL-SB | 85716 | 10            | WHITE      | 3500K              | LEFT     | 1533 x 53 x 40        | 516                         | A+  | 7.70      | 24V     |
|                  | GELT606035EDL-SY | 85713 | 1             | WHITE      | 3500K              | LEFT     | 1533 x 53 x 40        | 516                         | A+  | 7.70      | 24V     |
|                  | GELT606035EDR-SB | 85715 | 10            | WHITE      | 3500K              | RIGHT    | 1533 x 53 x 40        | 516                         | A+  | 7.70      | 24V     |
|                  | GELT606035EDR-SY | 85712 | 1             | WHITE      | 3500K              | RIGHT    | 1533 x 53 x 40        | 516                         | A+  | 7.70      | 24V     |
|                  | GELT606040CTR-SB | 85708 | 10            | WHITE      | 4000K              | CENTRE   | 1533 x 66 x 33        | 1023                        | A   | 15.29     | 24V     |
|                  | GELT606040CTR-SY | 85705 | 1             | WHITE      | 4000K              | CENTRE   | 1533 x 66 x 33        | 1023                        | A   | 15.29     | 24V     |
|                  | GELT606040EDL-SB | 85710 | 10            | WHITE      | 4000K              | LEFT     | 1533 x 53 x 40        | 577                         | A+  | 7.70      | 24V     |
|                  | GELT606040EDL-SY | 85707 | 1             | WHITE      | 4000K              | LEFT     | 1533 x 53 x 40        | 577                         | A+  | 7.70      | 24V     |
|                  | GELT606040EDR-SB | 85709 | 10            | WHITE      | 4000K              | RIGHT    | 1533 x 53 x 40        | 577                         | A+  | 7.70      | 24V     |
|                  | GELT606040EDR-SY | 85706 | 1             | WHITE      | 4000K              | RIGHT    | 1533 x 53 x 40        | 577                         | A+  | 7.70      | 24V     |
|                  | GELT606050CTR-SB | 85702 | 10            | WHITE      | 5000K              | CENTRE   | 1533 x 66 x 33        | 1020                        | A   | 15.29     | 24V     |
|                  | GELT606050CTR-SY | 85699 | 1             | WHITE      | 5000K              | CENTRE   | 1533 x 66 x 33        | 1020                        | A   | 15.29     | 24V     |
|                  | GELT606050EDL-SB | 85704 | 10            | WHITE      | 5000K              | LEFT     | 1533 x 53 x 40        | 569                         | A+  | 7.70      | 24V     |
|                  | GELT606050EDL-SY | 85701 | 1             | WHITE      | 5000K              | LEFT     | 1533 x 53 x 40        | 569                         | A+  | 7.70      | 24V     |
|                  | GELT606050EDR-SB | 85703 | 10            | WHITE      | 5000K              | RIGHT    | 1533 x 53 x 40        | 569                         | A+  | 7.70      | 24V     |
|                  | GELT606050EDR-SY | 85700 | 1             | WHITE      | 5000K              | RIGHT    | 1533 x 53 x 40        | 569                         | A+  | 7.70      | 24V     |
|                  | GELT606735CTR-SB | 85739 | 10            | WHITE      | 3500K              | CENTRE   | 1714 x 66 x 33        | 1105                        | A   | 16.94     | 24V     |
|                  | GELT606735CTR-SY | 85736 | 1             | WHITE      | 3500K              | CENTRE   | 1714 x 66 x 33        | 1105                        | A   | 16.94     | 24V     |
|                  | GELT606735EDL-SB | 85741 | 10            | WHITE      | 3500K              | LEFT     | 1714 x 53 x 40        | 667                         | A   | 9.68      | 24V     |
|                  | GELT606735EDL-SY | 85738 | 1             | WHITE      | 3500K              | LEFT     | 1714 x 53 x 40        | 667                         | A   | 9.68      | 24V     |
|                  | GELT606735EDR-SB | 85740 | 10            | WHITE      | 3500K              | RIGHT    | 1714 x 53 x 40        | 667                         | A   | 9.68      | 24V     |
|                  | GELT606735EDR-SY | 85737 | 1             | WHITE      | 3500K              | RIGHT    | 1714 x 53 x 40        | 667                         | A   | 9.68      | 24V     |
|                  | GELT606740CTR-SB | 85728 | 10            | WHITE      | 4000K              | CENTRE   | 1714 x 66 x 33        | 1142                        | A   | 16.94     | 24V     |
|                  | GELT606740CTR-SY | 85725 | 1             | WHITE      | 4000K              | CENTRE   | 1714 x 66 x 33        | 1142                        | A   | 16.94     | 24V     |
|                  | GELT606740EDL-SB | 85735 | 10            | WHITE      | 4000K              | LEFT     | 1714 x 53 x 40        | 683                         | A   | 9.68      | 24V     |
|                  | GELT606740EDL-SY | 85727 | 1             | WHITE      | 4000K              | LEFT     | 1714 x 53 x 40        | 683                         | A   | 9.68      | 24V     |
|                  | GELT606740EDR-SB | 85734 | 10            | WHITE      | 4000K              | RIGHT    | 1714 x 53 x 40        | 683                         | A   | 9.68      | 24V     |
|                  | GELT606740EDR-SY | 85726 | 1             | WHITE      | 4000K              | RIGHT    | 1714 x 53 x 40        | 683                         | A   | 9.68      | 24V     |
|                  | GELT606750CTR-SB | 85722 | 10            | WHITE      | 5000K              | CENTRE   | 1714 x 66 x 33        | 1227                        | A   | 16.94     | 24V     |
|                  | GELT606750CTR-SY | 85717 | 1             | WHITE      | 5000K              | CENTRE   | 1714 x 66 x 33        | 1227                        | A   | 16.94     | 24V     |
|                  | GELT606750EDL-SB | 85724 | 10            | WHITE      | 5000K              | LEFT     | 1714 x 53 x 40        | 745                         | A+  | 9.68      | 24V     |
|                  | GELT606750EDL-SY | 85721 | 1             | WHITE      | 5000K              | LEFT     | 1714 x 53 x 40        | 745                         | A+  | 9.68      | 24V     |
|                  | GELT606750EDR-SB | 85723 | 10            | WHITE      | 5000K              | RIGHT    | 1714 x 53 x 40        | 745                         | A+  | 9.68      | 24V     |
|                  | GELT606750EDR-SY | 85720 | 1             | WHITE      | 5000K              | RIGHT    | 1714 x 53 x 40        | 745                         | A+  | 9.68      | 24V     |
| RV60 100W Driver | GEPS6000NCMUL-SY | 68593 | 1             |            |                    |          | 273 x 42 x 28         |                             |     |           | 24V     |
| RV60 50W Driver  | GEPS6500NCMUL-SY | 68595 | 1             |            |                    |          | 273 x 42 x 28         |                             |     |           | 24V     |
| RV60 Wire Cover  | GE-CV-4060CTR    | 79814 | 1 pack of 10  |            |                    |          | 45 x 36 x 30          |                             |     |           |         |



# Specialty LED Solutions

| Product Lines                               | Part                            | SKU   | Diameter [mm] | Viewing Distance [metres] | Colour | Nominal Voltage | Voltage Operating Range | Turn off Voltage | Nominal Power [W] | Ip Rating (in typical housing) | Operating Temperature Range |
|---------------------------------------------|---------------------------------|-------|---------------|---------------------------|--------|-----------------|-------------------------|------------------|-------------------|--------------------------------|-----------------------------|
| <b>Transportation</b>                       |                                 |       |               |                           |        |                 |                         |                  |                   |                                |                             |
| <b>RM4 LED Colourlights Wayside</b>         | RM4-GCFB-28B-94GK               | 98698 | 200           | ≤600                      | GREEN  | 12VAC           | 9 - 16VAC               | 5VAC             | 16                | 65                             | -40 to +70°C                |
|                                             | RM4-RSFB-43B-94GK               | 98700 | 200           | ≤600                      | RED    | 12VAC           | 9 - 16VAC               | 5VAC             | 15                | 65                             | -40 to +70°C                |
|                                             | RM4-YCFB-43B-94GK               | 98702 | 200           | ≤600                      | YELLOW | 12VAC           | 9 - 16VAC               | 5VAC             | 19                | 65                             | -40 to +70°C                |
|                                             | RM4-GSFB-75B-93DG               | 98699 | 200           | ≤1500                     | GREEN  | 12VAC           | 6.5 - 13VAC             | 5VAC             | 24                | 65                             | -40 to +70°C                |
|                                             | RM4-RSFB-75B-93DG               | 98701 | 200           | ≤1500                     | RED    | 12VAC           | 6.5 - 13VAC             | 5VAC             | 22                | 65                             | -40 to +70°C                |
|                                             | RM4-YSFB-85B-93DG               | 98703 | 200           | ≤1500                     | YELLOW | 12VAC           | 6.5 - 13VAC             | 5VAC             | 24                | 65                             | -40 to +70°C                |
|                                             | RM4-GSFB-28B-96GK               | 33791 | 200           | ≤600                      | GREEN  | 10VDC           | 8 - 16VDC               | 3.5VDC           | 15                | 65                             | -40 to +70°C                |
|                                             | RM4-YCFB-43B-96GK               | 33799 | 200           | ≤600                      | YELLOW | 10VDC           | 8 - 16VDC               | 3.5VDC           | 18                | 65                             | -40 to +70°C                |
|                                             | RM4-RSFB-43B-96GK               | 33804 | 200           | ≤600                      | RED    | 10VDC           | 8 - 16VDC               | 3.5VDC           | 18                | 65                             | -40 to +70°C                |
|                                             | RM4-WSFB-28B-96GK               | 33806 | 200           | ≤600                      | WHITE  | 10VDC           | 8 - 16VDC               | 3.5VDC           | 15                | 65                             | -40 to +70°C                |
|                                             | RM4-GSFB-75B-96G                | 89721 | 200           | ≤1500                     | GREEN  | 10VDC           | 8 - 16VDC               | 3.5VDC           | 15                | 65                             | -40 to +70°C                |
|                                             | RM4-YCFB-85B-96G                | 90020 | 200           | ≤1500                     | YELLOW | 10VDC           | 8 - 16VDC               | 3.5VDC           | 15                | 65                             | -40 to +70°C                |
|                                             | RM4-RCFB-75B-96G                | 90021 | 200           | ≤1500                     | RED    | 10VDC           | 8 - 16VDC               | 3.5VDC           | 15                | 65                             | -40 to +70°C                |
|                                             | RM4-WSFB-75B-96G                | 90040 | 200           | ≤1500                     | WHITE  | 10VDC           | 8 - 16VDC               | 3.5VDC           | 15                | 65                             | -40 to +70°C                |
|                                             | RM4-GCFB-25A-70                 | 90140 | 200           | ≤600                      | GREEN  | 120VAC          | 85 - 135VAC             | 45VAC            | 7                 | 65                             | -40 to +70°C                |
|                                             | RM4-RSFB-25A-70                 | 85546 | 200           | ≤600                      | RED    | 120VAC          | 85 - 135VAC             | 45VAC            | 7                 | 65                             | -40 to +70°C                |
|                                             | RM4-YCFB-43A-70                 | 85545 | 200           | ≤600                      | YELLOW | 120VAC          | 85 - 135VAC             | 45VAC            | 11                | 65                             | -40 to +70°C                |
|                                             | GEMT3000NCM1-SY                 | 69721 | 1 pack of 2   |                           |        | 27 x 26 x 30    |                         |                  |                   |                                |                             |
| <b>TR3 LED Colourlight Transit / Tunnel</b> | TR3-RCFB501B-92                 | 97546 | 140           | ≤1500                     | RED    | 10VDC           | 8 - 16VDC               | 5VDC             | 16                | 55                             | -40 to +70°C                |
|                                             | TR3-YCFB501B-92                 | 97547 | 140           | ≤1500                     | YELLOW | 10VDC           | 8 - 16VDC               | 5VDC             | 16                | 55                             | -40 to +70°C                |
|                                             | TR3-GCFB501B-92                 | 97652 | 140           | ≤1500                     | GREEN  | 10VDC           | 8 - 16VDC               | 5VDC             | 18                | 55                             | -40 to +70°C                |
|                                             | TR3-WCFB501B-92                 | 97655 | 140           | ≤1500                     | WHITE  | 10VDC           | 8 - 16VDC               | 5VDC             | 15                | 55                             | -40 to +70°C                |
|                                             | TR3-RSFB301A-70                 | 85542 | 140           | ≤600                      | RED    | 120VAC          | 85 - 135VAC             | 45VAC            | 4                 | 65                             | -40 to +70°C                |
|                                             | TR3-WCFB301A-70                 | 85543 | 140           | ≤600                      | WHITE  | 120VAC          | 85 - 135VAC             | 45VAC            | 4                 | 65                             | -40 to +70°C                |
| Product Lines                               | Part                            | SKU   | Diameter mm   | Appearance                | Colour | Nominal Voltage | Voltage Operating Range | Turn off Voltage | Nominal Power [W] | Ip Rating (in typical housing) | Operating Temperature Range |
| <b>TR3 LED Colourlight Transit / Tunnel</b> | RG4-RTFB-43B                    | 98692 | 200           | UNIFORM                   | RED    | 10VAC/DC        | 8-16VAC/8-20VDC         | 4VAC/DC          | 13                | 65                             | -40 to +70°C                |
|                                             | RG6-RTFB-01BV1-GH7 <sup>1</sup> | 98693 | 300           | UNIFORM                   | RED    | 10VAC/DC        | 8-16VAC/8-20VDC         | 4VAC/DC          | 12(AC)/12(DC)     | 65                             | -40 to +70°C                |
|                                             | RG6-RTFB-01BV1-H7               | 98694 | 300           | PIXELATED                 | RED    | 10VAC/DC        | 8-14VAC/8-14VDC         | 4VAC/DC          | 10.5(AC)/8(DC)    | 65                             | -40 to +70°C                |
|                                             | RG6-RTFB-01BV3-GH7 <sup>1</sup> | 98695 | 300           | PIXELATED                 | RED    | 10VAC/DC        | 8-14VAC/8-14VDC         | 4VAC/DC          | 10.5(AC)/8(DC)    | 65                             | -40 to +70°C                |
|                                             | RG6-RTFB-01BV3-H7               | 98696 | 300           | PIXELATED                 | RED    | 10VAC/DC        | 8-14VAC/8-14VDC         | 4VAC/DC          | 10.5(AC)/8(DC)    | 65                             | -40 to +70°C                |
|                                             | RG6-RTFB-48BV1-H7               | 98697 | 300           | PIXELATED                 | RED    | 10VAC/DC        | 8-14VAC/8-14VDC         | 4VAC/DC          | 10.5(AC)/8(DC)    | 65                             | -40 to +70°C                |

<sup>1</sup> Complete with gasket option

\* Customised options may be possible, contact your local sales representative for further information.

