# Specifications

### Dimensions (Unit: ɿ)

<table>
<thead>
<tr>
<th>Model Code</th>
<th>LA6-3D</th>
<th>LA6-5 DTN</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>330</td>
<td>1090g</td>
</tr>
<tr>
<td>N</td>
<td>280</td>
<td>530g</td>
</tr>
</tbody>
</table>

### Signal Tower

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Height</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA6-3D B</td>
<td>214</td>
<td>320</td>
</tr>
<tr>
<td>LA6-3D N</td>
<td>254</td>
<td>330</td>
</tr>
</tbody>
</table>

### Steel Pole & 'L' Bracket

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Height</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA6-3D B</td>
<td>280</td>
<td>330</td>
</tr>
<tr>
<td>LA6-3D N</td>
<td>214</td>
<td>254</td>
</tr>
</tbody>
</table>

### Direct Mount / Terminal Buss Type

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Height</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA6-3D B</td>
<td>260</td>
<td>330</td>
</tr>
<tr>
<td>LA6-3D N</td>
<td>214</td>
<td>254</td>
</tr>
</tbody>
</table>

### Rated Power Consumption

<table>
<thead>
<tr>
<th>Model Code</th>
<th>LA6-3D B-YYYYY</th>
<th>LA6-3D B-YY</th>
<th>LA6-3D N-YYY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Consumption</td>
<td>5W</td>
<td>5.5W</td>
<td>4.5W</td>
</tr>
</tbody>
</table>

### Environmental Condition

- Operating Humidity Range: Less than 90% RH (No Dew or Condensation)
- Operating Temperature Range: 0°C to +60°C
- Mounting Location: Indoor Only
- Mounting Direction: Upright/Inverted Direction
- Protection Rating: IP65 (With alarm: IP54) IEC 60529
- Vibration Resistance: JIS C 60068-2-6:2010
- Acceleration: 20.0 m/s² (57.5 - 150 Hz) Fixed pitch durability: Acceleration 20.0 m/s²
- Insulation Resistance: More than 1Mohm at DC500V between the power input lead and chassis. Withstand Voltage: 500VAC for 1min between terminals and chassis without breaking insulation
- Flash Rate: 60 ±2 fpm
- Alarm Sound
  - No. 1: Long intermittent beep
  - No. 2: Fast intermittent beep
  - No. 3: Multiplexed Beep
  - No. 4: Multiplexed Beep
  - No. 5: Multiplexed Beep
- Front Direction: Volume Control

### Wiring

- Power Supply Wire: DC 24V (Class2) (Non-polarized)
- Transfer Cable: Charge/Data Transfer Micro USB (not included); Connector: USB Male- USB (MicroB) male
- Nameplate: PL-01770159 (Downloadable from our Homepage)

### Remarks

- UL Recognized Component (File No.E215660)
- EMC Directive (EN 61000-6-4, EN 61000-6-2)
- RoHS Directive (EN 50581)
- UL508, CSA-C22.2 No.14 KC (KN 61000-6-4, KN 61000-6-2)
- FCC Part 15 Subpart B Class A
- CE Marking
- Patlite is committed to developing environmentally friendly products.

### To ensure correct use of these products, read the “Instruction Manual” prior to use. Failure to follow all safeguards can result in the electric shock, or in other accidents. Specifications are subject to change without notice.

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*See More, Do More!*

*Embedded Software Program.*

To set a variety of colors or use different mode features.
See More, Do More!

Display a variety of colors in various ways to improve your processes.

PATLITE innovation continues with improved functionality to drive productivity, improve efficiencies, and reduce waste. One of our basic themes is to help you make continuous improvements in your process. In order to make your lives more "comfortable", our theme of "Visual Information" has been a persistent one by making things easier to do. Here, we introduce the LA6 multi-informational signal tower. It can be easily manipulated to display various colors and combination of colors in various ways in order to communicate "visual information" in a manner that is intuitive and easy to understand. The applications are endless. As a pioneer manufacturer of information display equipment, we will strive to provide society the best products in order to meet your expectations for "Safety, Security, and Comfort".

- Indicate abnormal conditions with a variety of color patterns. Can freely set up multiple colors. For example, a serious condition can be indicated with the "All-point Lighting" where the entire signal tower is the same color, thus conveying important information.
- Use "Operating Modes" to enhance a visual status condition. The downloadable program can be used to make patterns change at set intervals so the signal tower can be used to count time or set a pace.
- Simple and easy to use complimentary programming software The downloadable complimentary programming software can be used to easily control which colors are displayed and how they are to behave.

REVILOTE.
"More active, more flexible and beautiful"
"Revolite™️" was made to redefine "light" and to make the environment more active, more beautiful, and more flexible.
Baggage Conveyors

Flashing lights can help alert people that a baggage conveyor is about to start, thus reducing accidents. Different color lights can also be used to match airline colors so it's easier for passengers to know which carousel to go to. Changing the light intensity allows for a more subtle way to communicate operation status.

Lighting Method: "Sine Curve Display"

Check-out Registers

Different colors can designate a busy or open checkout register in larger supermarkets. This allows customers to be able checkout quicker and balances cashier's workload. Special light patterns can also be used to communicate between cashiers and their supervisors or other employees.

Lighting Method: "All-point Lighting Display"

Assembly Line

Productivity can be improved by assigning a task for each tier that is lit so that operators can know if they are on pace or not. No external controls are required to set up the takt time.

Display elapsed time in "real time" by counting the number of tiers that are lit.

Lighting Method: "Takt Time Display"

Processing Machine

When there are many processing machines it is important that any trouble or need for maintenance is quickly communicated. This can be easily accomplished with predetermined color arrays, as shown on the example on the right. The various colors or intensity of colors will allow problems to be addressed quickly, thus improving productivity and reducing down time.

Lighting Method: "Detailed Error Display"

Different colors can designate a busy or open checkout register in larger supermarkets. This allows customers to be able checkout quicker and balances cashier's workload. Special light patterns can also be used to communicate between cashiers and their supervisors or other employees.

Lighting Method: "All-point Lighting Display"

An "All-point Lighting Display" can use all sections of the LAN, such as displaying the light sequentially to simulate movement at a checkout register, and an all-solid color can be displayed when the lane is open.

See More through intuitive, quietly visual, and reliable communication

Check out the video on our website!!
A new lens design optimizes visibility. The newly developed lens design efficiently diffuses LED light so that it is unmistakably visible, even from great distances.

Freely change luminescence colors and patterns with editing software. Upload colors and patterns using the editing program for the signal tower using an USB cable connected to a PC.

The USB cable is sold separately (USB microB type with Charging/Data Transfer capability).

The alarm has a total of 11 sounds to match various applications. The water-resistant speaker design is able to play clear sounds of up to 85 dB (at 1m) despite it's compact size. Alarm sounds can be set up with every display pattern.

**Product Features**
- **Diffusion & Water Resistant**

**Applications**
- **Factory / Production Q & A Public / Institutions**

**Case 1**
Assembly Line
By rendering a visual task with the use of elapsed time in a product line, production can advance by checking whether work progress is relevant, and it contributes to an improvement in efficiency. Tact time setup does not require any external control programs, either.

**Lighting Method: “Tact Time Display”**
Display working hour progress with a section number.

**Case 2**
Processing Machine
At the factory with many processing machines at work, the sign of trouble or periodic maintenance can be managed by ... color arrays to grasp the circumstance of all equipment in a diverse “luminescence color”, and stabilize their operation. If an abrupt increase occurs, quick action based on information already displayed can be determined.

**Lighting Method: “Detailed Error Display”**
The level of information (serious error, slight error) can be expressed colorfully.

Freely change luminescence colors and patterns with editing software. Several pre-programmed patterns can be uploaded to the unit from the “Information Set.” Free editing software can be downloaded from our exclusive website.

With the simple editing software available for free, a “luminescence color” and “luminescent pattern” are easily set-up.

**Sound**
- **Diffusion & Water Resistant**

**Signal Tower LA6**
- **3 Tier Type**
- **5 Tier Type**

**Voltage:** DC9V
- **Alarm:** 11 Sounds
- **Wiring:** 2 types 
- **Wiring:** Screwless Terminal (TN) or Cable (LJ)
- **LED:** DC9V 85 mm

- **Stand Pipe Type:** A, B
- **Color:**
  - **Headcover:** Off-white
  - **USB Port Cover:** Off-white
  - **Waterproof Ring B:** Off-white
  - **Pole Bracket (with Waterproof Ring and Screws):** Off-white
  - **Waterproof O-ring:** Off-white

**Set-up data can be downloaded.**
Several pre-programmed patterns can be uploaded to the unit from the “Information Set.”

View our videos at our exclusive site for more information.
Features and various product operation modes can be viewed at our exclusive site (www.patlite.com/LA6). The contents introduce actual applications, ideas for applications, and wide-spread potential for this product.