



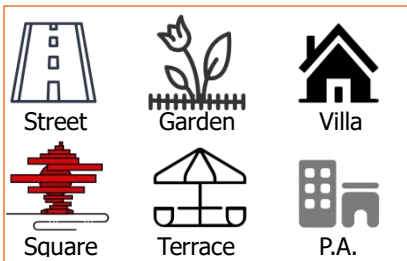
### Features

- ✓ IP66
- ✓ IK10
- ✓ CRI>83
- ✓ Private Lens Mold
- ✓ Great Heat Dissipation

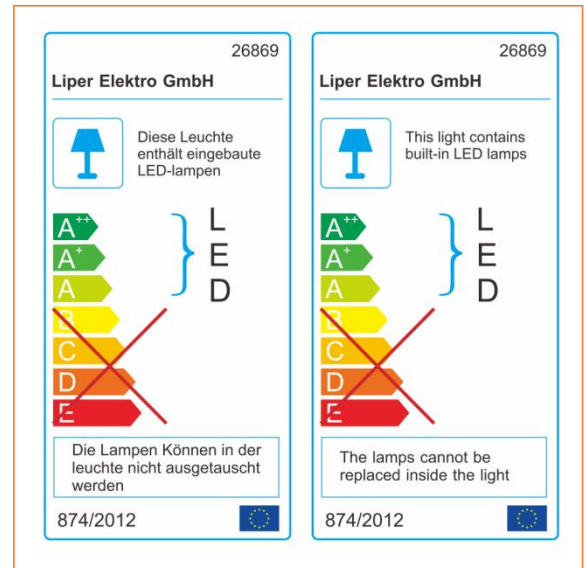
### Benefits

- ✓ High Energy Saving
- ✓ High Efficiency
- ✓ Eye Protection
- ✓ Long Life Time
- ✓ Private Mold

### Application



### Certificate



### Specifications

| Item Number  | Power (W) | Power Factor | Lumen (lm) | Efficiency (lm/W) | Input Current | CRI | Color Temperature | Life Time (hrs) |
|--------------|-----------|--------------|------------|-------------------|---------------|-----|-------------------|-----------------|
| LPSTL-50G01  | 50W       | >0.5         | 6500 lm    | 130 lm/W          | 410mA         | >83 | WW/CW/NW          | 50000           |
| LPSTL-100G01 | 100W      | >0.5         | 13000 lm   | 130 lm/W          | 840mA         | >83 | WW/CW/NW          | 50000           |
| LPSTL-150G01 | 150W      | >0.5         | 19500 lm   | 130 lm/W          | 1240mA        | >83 | WW/CW/NW          | 50000           |
| LPSTL-200G01 | 200W      | >0.5         | 26000 lm   | 130 lm/W          | 1250mA        | >83 | WW/CW/NW          | 50000           |



Technical specifications

|                                   |                  |
|-----------------------------------|------------------|
| On/Off Cycles                     | >100,000         |
| Color Tolerance Adjustment (SDCM) | <6               |
| IP                                | 66               |
| Class                             | I                |
| LED Driver                        | DOB              |
| LED Beads                         | 2835 6V 150MA 1W |
| Housing Color                     | Black            |
| Pressure Resistant                | 1500V            |

Electrical Supply

| Power Range      | 50W     | 100W    | 150W    | 180-220W |
|------------------|---------|---------|---------|----------|
| Frequency (Hz)   | 50/60   | 50/60   | 50/60   | 50/60    |
| Voltage (V)      | 100-240 | 100-240 | 100-240 | 100-240  |
| AC/DC            | AC      | AC      | AC      | AC       |
| Input Current    | 410mA   | 840mA   | 1240mA  | 1650mA   |
| Output Current   | 290mA   | 750mA   | 940mA   | 1250mA   |
| Surge Protection | 6000V   | 6000V   | 6000V   | 6000V    |

Initial Performance (IEC Compliant)

|                             |        |
|-----------------------------|--------|
| Luminous Flux Tolerance     | +/-10% |
| Power Consumption Tolerance | +/-10% |

Lights Material

|                  |                       |
|------------------|-----------------------|
| Housing Material | Die-Casting Aluminium |
| Optical Material | Lens                  |

Temperature

|                       |               |
|-----------------------|---------------|
| Operating Temperature | -45°C ~ 50 °C |
| Testing Temperature   | -45°C ~ 95 °C |



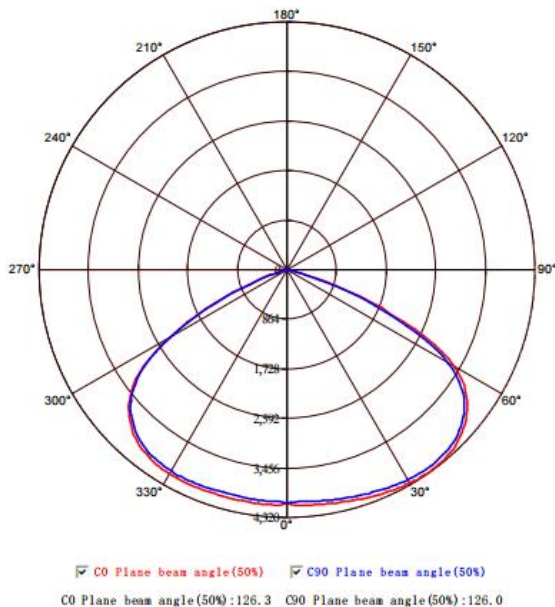
### Packing Data

| Item No      | PCS/CTN | Gross Weight KG | Net Weight KG | Length CM | Width CM | Height CM |
|--------------|---------|-----------------|---------------|-----------|----------|-----------|
| LPSTL-50G01  | 10      | 8.5             | 7.4           | 42.5      | 31       | 24.5      |
| LPSTL-100G01 | 10      | 10.4            | 9.1           | 49        | 31       | 27        |
| LPSTL-150G01 | 5       | 9               | 7.8           | 59        | 35.5     | 18        |
| LPSTL-200G01 | 5       | 11.5            | 10.1          | 68        | 35.5     | 19.5      |

### Dimensional Drawing

| Item No      | Power | Length (mm) | Width (mm) | Height (mm) |
|--------------|-------|-------------|------------|-------------|
| LPSTL-50G01  | 50W   | 395         | 108        | 47          |
| LPSTL-100G01 | 100W  | 458         | 120        | 49          |
| LPSTL-150G01 | 150W  | 563         | 159        | 62          |
| LPSTL-200G01 | 200W  | 650         | 173        | 62          |

### Planar Intensity Distribution Curve



### Average Illumination

