



## Features

- ✓ IP65
- ✓ IK10
- ✓ CRI>83
- ✓ >100lm/W

## Benefits

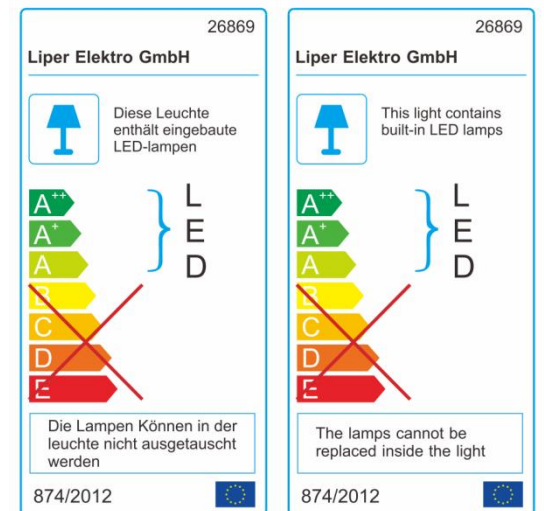
- ✓ High Energy Saving
- ✓ High Efficiency
- ✓ Long Life Time
- ✓ Private Mold

## Application



## Certificate

CBC€



## Specifications

| Item Number | Power (W) | Power Factor | Lumen (lm)  | Efficiency (lm/W) | Input Current | CRI | Color Temperature | Life Time (hrs) |
|-------------|-----------|--------------|-------------|-------------------|---------------|-----|-------------------|-----------------|
| LPUF-100E01 | 100W      | >0.5         | 10500-11550 | 100±10            | 0.68A         | >83 | Cool White        | 50000           |
| LPUF-100E01 | 100W      | >0.5         | 10500-11550 | 100±10            | 0.68A         | >83 | Natural White     | 50000           |
| LPUF-100E01 | 100W      | >0.5         | 10500-11550 | 100±10            | 0.68A         | >83 | Warm White        | 50000           |
| LPUF-150E01 | 150W      | >0.5         | 14900-16390 | 100±10            | 0.98A         | >83 | Cool White        | 50000           |
| LPUF-150E01 | 150W      | >0.5         | 14900-16390 | 100±10            | 0.98A         | >83 | Natural White     | 50000           |
| LPUF-150E01 | 150W      | >0.5         | 14900-16390 | 100±10            | 0.98A         | >83 | Warm White        | 50000           |



### Technical specifications

|                                   |                                  |
|-----------------------------------|----------------------------------|
| On/Off Cycles                     | >100,000                         |
| Color Tolerance Adjustment (SDCM) | <6                               |
| IP                                | 65                               |
| Class                             | I                                |
| LED Driver                        | DOB                              |
| Housing Color                     | Black                            |
| Pressure Resistant                | 1500V                            |
| Wire Diameter and Material        | 0.75 mm <sup>2</sup> Copper Wire |

### Electrical Supply

|                |         |          |
|----------------|---------|----------|
| Power Range    | 95-105W | 140-160W |
| Frequency (Hz) | 50/60   | 50/60    |
| Voltage (V)    | 100-240 | 100-240  |
| AC/DC          | AC      | AC       |
| Output Current | 1.25A   | 1.87A    |
| Output Voltage | 72V     | 72V      |

### Lights Material

|                  |                      |
|------------------|----------------------|
| Housing Material | Die-Casting Aluminum |
| Optical Material | Glass                |

### Temperature

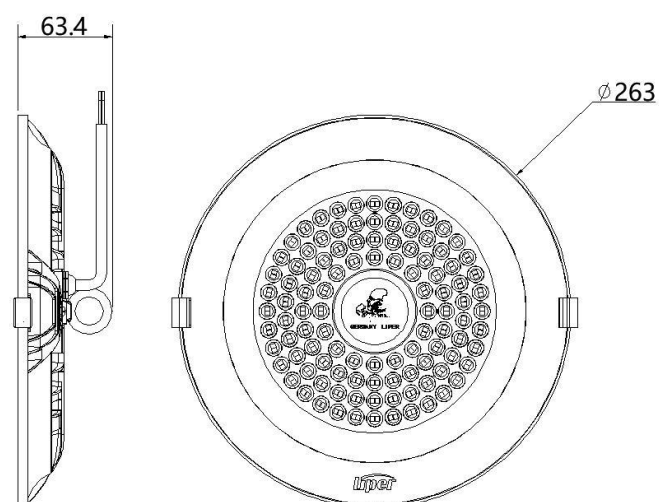
|                       |               |
|-----------------------|---------------|
| Operating Temperature | -45°C ~ 50 °C |
| Testing Temperature   | -45°C ~ 95 °C |

## Packing Data

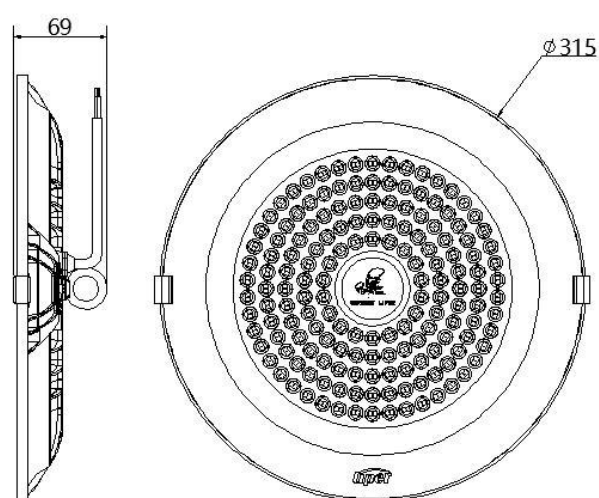
| Item No     | PCS/CTN | Gross Weight KG | Net Weight KG | Length CM | Width CM | Height CM |
|-------------|---------|-----------------|---------------|-----------|----------|-----------|
| LPUF-100E01 | 10      | 11.7            | 10.5          | 55.5      | 32.5     | 28.5      |
| LPUF-150E01 | 5       | 9.1             | 7.8           | 33.5      | 32.5     | 33.5      |

## Dimensional Drawing

### 100W



### 150W



| Item No     | Power | Diameter (mm) | Height (mm) |
|-------------|-------|---------------|-------------|
| LPUF-100E01 | 150W  | 263           | 63.4        |
| LPUF-150E01 | 200W  | 315           | 69          |