



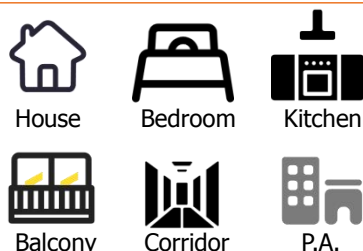
### Features

- ✓ CRI>83
- ✓ Elegant Light
- ✓ No Flicker
- ✓ UGR<19
- ✓ Easily Install

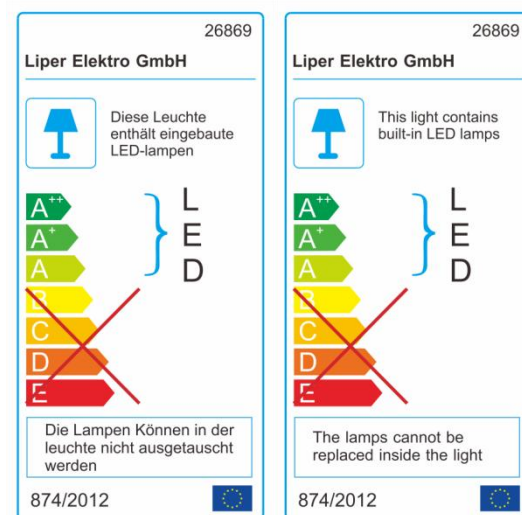
### Benefits

- ✓ 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) |
|---------------|-----------|--------------|------------|-------------------|---------------|-----|-------------------|-----------------|
| LP-DL12EM01-Y | 12W       | >0.5         | 880-1020   | 80±10             | 100mA         | >83 | WW/CW/NW          | 50000           |
| LP-DL18EM01-Y | 18W       | >0.5         | 1450-1530  | 80±10             | 155mA         | >83 | WW/CW/NW          | 50000           |
| LP-DL24EM01-Y | 24W       | >0.5         | 1920-2060  | 80±10             | 190mA         | >83 | WW/CW/NW          | 50000           |



## Technical specifications

|                                   |                                  |
|-----------------------------------|----------------------------------|
| On/Off Cycles                     | >100,000                         |
| Color Tolerance Adjustment (SDCM) | <6                               |
| IP                                | 20                               |
| Class                             | II                               |
| LED Driver                        | DOB                              |
| LED Beads                         | 2835 3V/60MA                     |
| Housing Color                     | White                            |
| Pressure Resistant                | 3000V                            |
| Wire Diameter and Material        | 0.75 mm <sup>2</sup> Copper Wire |

## Electrical Supply

|                |            |         |            |
|----------------|------------|---------|------------|
| Power Range    | 10.8-13.2W | 16-20W  | 21.6-26.4W |
| Frequency (Hz) | 50/60      | 50/60   | 50/60      |
| Voltage (V)    | 100-240    | 100-240 | 100-240    |
| AC/DC          | AC         | AC      | AC         |
| Input Current  | 100mA      | 155mA   | 190mA      |
| Output Voltage | DC36V      | DC54V   | DC72V      |
| Output Current | 270mA      | 280mA   | 280mA      |

## Lights Material

|                  |         |
|------------------|---------|
| Housing Material | Plastic |
| Optical Material | Plastic |

## Temperature

|                       |               |
|-----------------------|---------------|
| Operating Temperature | -15°C ~ 50 °C |
| Testing Temperature   | -20°C ~ 95 °C |

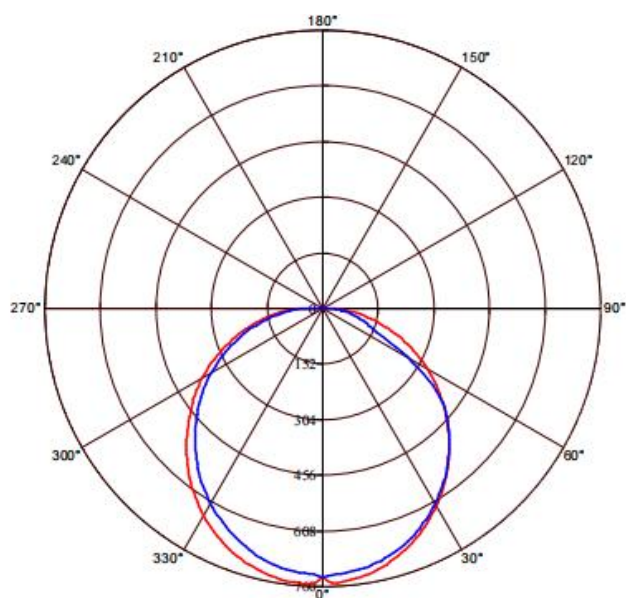
## Dimensional Drawing

| Item No       | Power | Diameter (mm) | Height (mm) |
|---------------|-------|---------------|-------------|
| LP-DL12EM01-Y | 12W   | 172           | 29          |
| LP-DL18EM01-Y | 18W   | 222           | 29          |
| LP-DL24EM01-Y | 24W   | 282           | 29          |

## Packing Data

| Item No       | PCS/CTN | Gross Weight KG | Net Weight KG | Length CM | Width CM | Height CM |
|---------------|---------|-----------------|---------------|-----------|----------|-----------|
| LP-DL12EM01-Y | 20      | 5.5             | 4.6           | 39        | 37       | 20        |
| LP-DL18EM01-Y | 16      | 6.4             | 5.3           | 47        | 31       | 25        |
| LP-DL24EM01-Y | 12      | 6.1             | 4.9           | 59        | 23       | 31        |

## Planar Intensity Distribution Curve



☒ C0 Plane beam angle(50%) 
 ☒ C90 Plane beam angle(50%)  
 C0 Plane beam angle(50%):115.0 C90 Plane beam angle(50%):112.6

## Average Illumination

