

### Features

- ✓ CRI>83
- ✓ No Flicker
- ✓ UGR<19
- ✓ Elegant Light
- ✓ Cutout Size Can be Adjusted

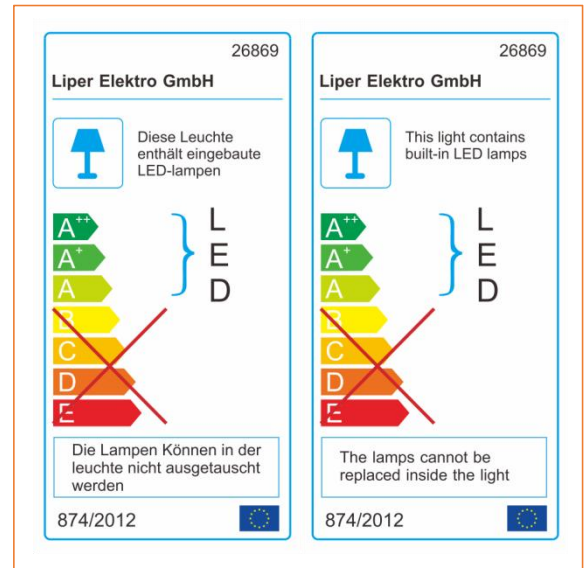
### Benefits

- ✓ 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-DL03EC01-Y	3W	>0.5	300 lm	100 lm/W	30mA	>83	CW/NW/WW	50000
LP-DL06EC01-Y	6W	>0.5	600 lm	100 lm/W	50mA	>83	CW/NW/WW	50000
LP-DL12EC01-Y	12W	>0.5	1200 lm	100 lm/W	100mA	>83	CW/NW/WW	50000
LP-DL18EC01-Y	18W	>0.5	1800 lm	100 lm/W	155mA	>83	CW/NW/WW	50000



## Technical specifications

On/Off Cycles	>100,000
Color Tolerance Adjustment (SDCM)	<6
IP	44
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	3W	6W	12W	18W
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	30mA	50mA	100mA	155mA
Output Voltage	DC15V	DC18V	DC36V	DC54V
Output Current	160mA	270mA	270mA	280mA

## Initial Performance (IEC Compliant)

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

## Lights Material

Housing Material	Iron
Optical Material	Plastic

Temperature

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

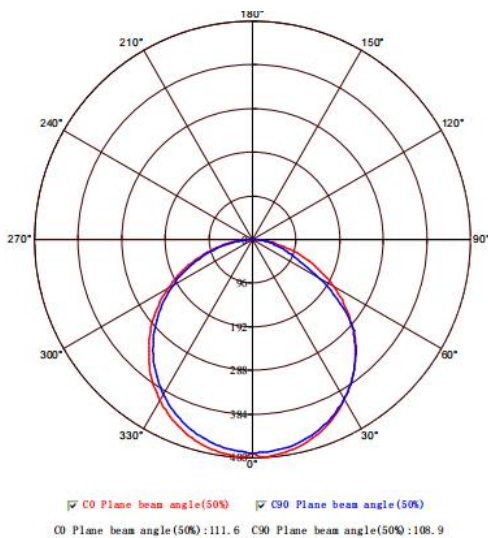
Dimensional Drawing

Item No	Power	Diameter (mm)	Height (mm)	Cut out Size (mm)
LP-DL03EC01-Y	3W	85	25	40-75
LP-DL06EC01-Y	6W	116	25	55-105
LP-DL12EC01-Y	12W	166	25	55-155
LP-DL18EC01-Y	18W	219	25	55-210

Packing Data

Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LP-DL03EC01-Y	120	11.5	8.3	51.5	31	25.5
LP-DL06EC01-Y	64	8.7	6.4	49.5	25	26
LP-DL12EC01-Y	60	7.6	5.8	53	24.5	36
LP-DL18EC01-Y	24	9.1	7.5	46	29	24.5

Planar Intensity Distribution Curve



Average Illumination

