



**Features**

- ✓ CRI>83
- ✓ No Flicker
- ✓ UGR<19
- ✓ Elegant Light
- ✓ Anti-UV PC Material

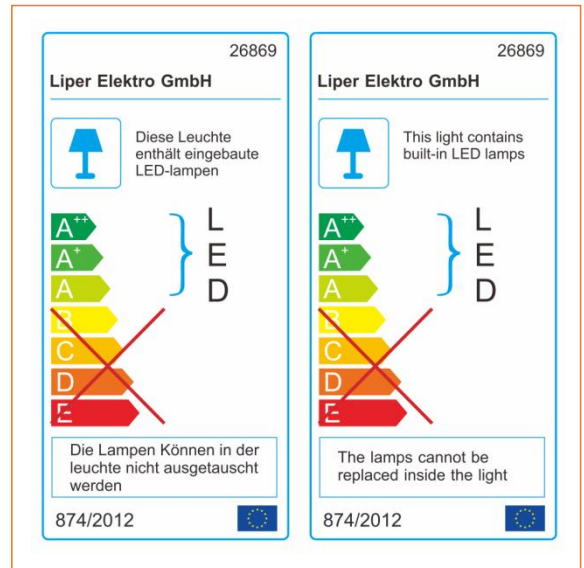
**Benefits**

- ✓ 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)
LPDL-05EWS01-Y	5W	>0.5	500 lm	100 lm/W	35mA	>83	CW/NW/WW	30000
LPDL-08EWS01-Y	8W	>0.5	800 lm	100 lm/W	65mA	>83	CW/NW/WW	30000
LPDL-12EWS01-Y	12W	>0.5	1200 lm	100 lm/W	92mA	>83	CW/NW/WW	30000
LPDL-18EWS01-Y	18W	>0.5	1800 lm	100 lm/W	140mA	>83	CW/NW/WW	30000



Technical specifications

On/Off Cycles	>100,000
Color Tolerance Adjustment (SDCM)	<6
IP	44
Class	II
LED Driver	DOB
LED Beads	2835 6V/150MA
Housing Color	White
Pressure Resistant	3000V
Wire Diameter and Material	0.75 mm <sup>2</sup> Copper Wire

Electrical Supply

Power Range	5W	8W	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	35mA	65mA	92mA	140mA
Output Voltage	DC48V	DC51V	DC87V	DC144V
Output Current	150mA	140mA	125mA	110mA

Initial Performance (IEC Compliant)

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

Lights Material

Housing Material	Plastic
Optical Material	Plastic



Temperature

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

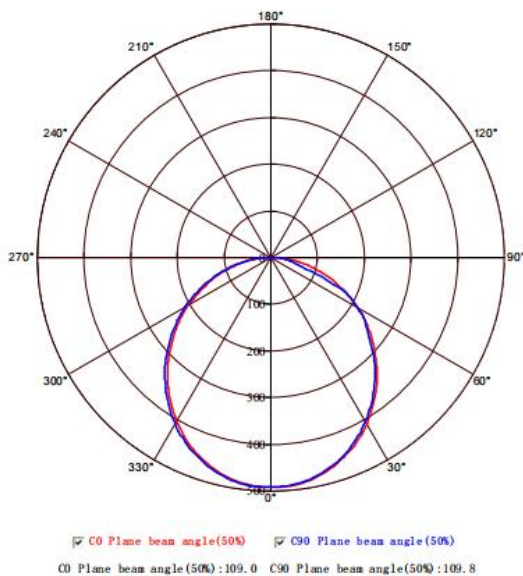
Dimensional Drawing

Item No	Power	Diameter (mm)	Height (mm)	Cut out Size (mm)
LPDL-05EWS01-Y	5W	88	28	65-80
LPDL-08EWS01-Y	8W	112	30	90-100
LPDL-12EWS01-Y	12W	175	33	145-150
LPDL-18EWS01-Y	18W	222	35	185-200

Packing Date

Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPDL-05EWS01-Y	100	5.6	3.4	47.5	20.5	39.5
LPDL-08EWS01-Y	60	4.9	3.2	48	20.5	37.5
LPDL-12EWS01-Y	30	5.4	3.5	54.5	24.5	37.5
LPDL-18EWS01-Y	16	4.3	2.8	46	36.5	25

Planar Intensity Distribution Curve



Average Illumination

