



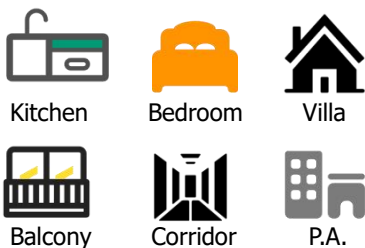
Features

- ✓ CRI>83
- ✓ Elegant Light
- ✓ No Flicker
- ✓ UGR<19
- ✓ Economy Model

Benefits

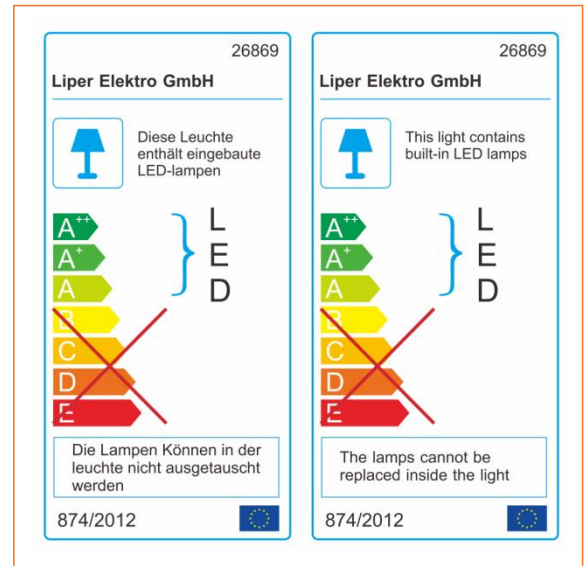
- ✓ High Energy Saving
- ✓ High Efficiency
- ✓ Eye Protection
- ✓ Long Life Time
- ✓ Private Mold

Application



Certificate

CBC E



Specifications

Item Number	Power (W)	Power Factor	Lumen (lm)	Efficiency (lm/W)	Input Current	CRI	Color Temperature	Life Time (hrs)
LPDL-6EMS01-Y	6W	>0.5	600 lm	100 lm/W	80mA	>83	CW/NW/WW	50000
LPDL-12EMS01-Y	12W	>0.5	1200 lm	100 lm/W	160mA	>83	CW/NW/WW	50000
LPDL-18EMS01-Y	18W	>0.5	1800 lm	100 lm/W	250mA	>83	CW/NW/WW	50000
LPDL-24EMS01-Y	24W	>0.5	2400 lm	100 lm/W	330mA	>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 6V/150MA 1W
Housing Color	White/Black
Pressure Resistant	3000V
Wire Diameter and Material	0.75 m ² Copper Wire

Electrical Supply

Power Range	6W	12W	18W	24W
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	80mA	160mA	250mA	330mA
Output Voltage	DC36V	DC54V	DC54V	DC90V
Output Current	150mA	200mA	300mA	240mA

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

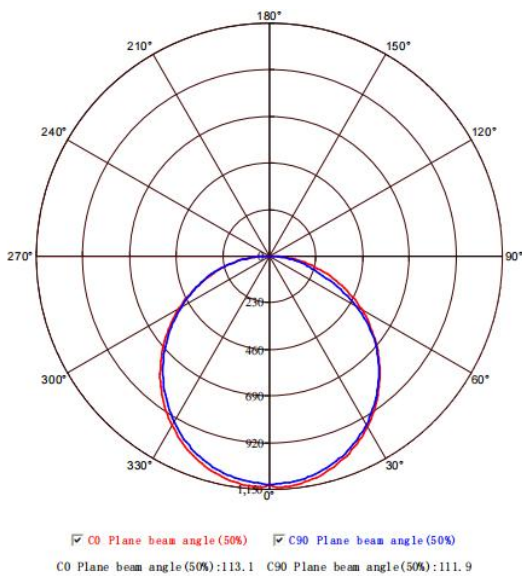
Packing Data

Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPDL-6EMS01-Y	50	7.2	6.3	59.5	24	24.5
LPDL-12EMS01-Y	30	6.9	5.6	54	26.5	37
LPDL-18EMS01-Y	10	3.7	3	46	26.5	24.5
LPDL-24EMS01-Y	10	5.3	4.2	58	27.5	31

Dimensional Drawing

Item No	Power	Diameter (mm)	Height (mm)
LPDL-6EMS01-Y	6W	110	39
LPDL-12EMS01-Y	12W	172	40
LPDL-18EMS01-Y	18W	222	40
LPDL-24EMS01-Y	24W	280	40

Planar Intensity Distribution Curve



Average Illumination

