



Features

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

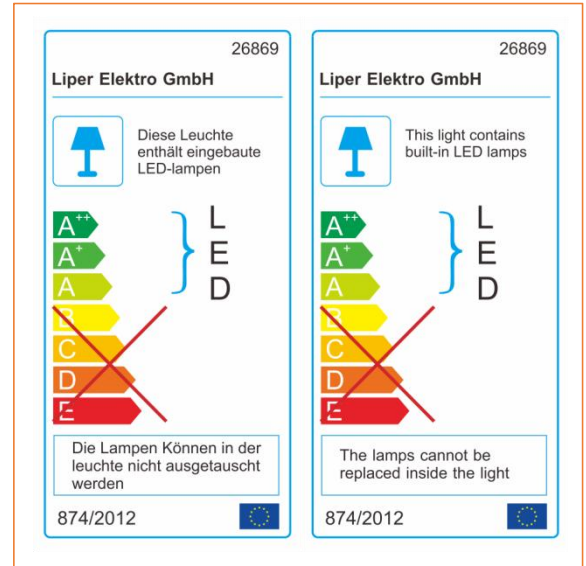
Benefits

- ✓ 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	44
Class	II
LED Driver	DOB
LED Beads	2835 3V/60MA
Housing Color	White
Pressure Resistant	3000V
Wire Diameter and Material	0.75 mm ² 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



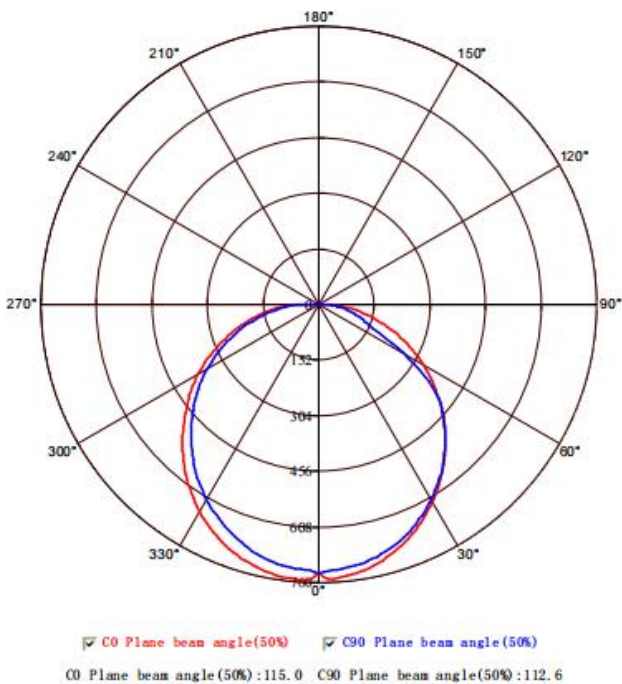
Dimensional Drawing

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



Average Illumination

