

Features

- ✓ IP66
- ✓ IK10
- ✓ CRI>83
- ✓ 100lm/W

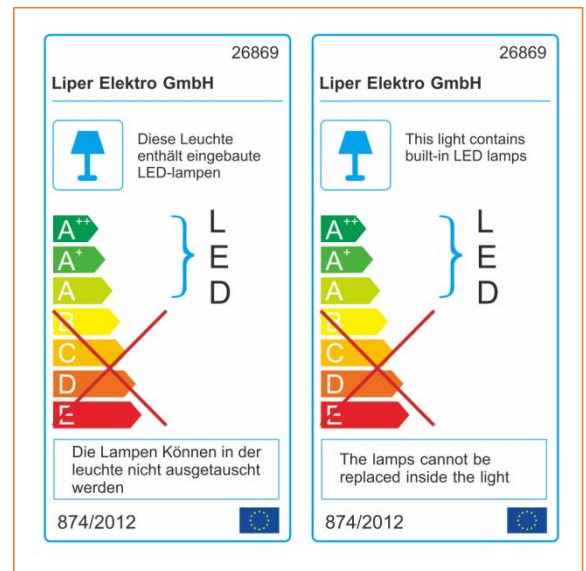
Benefits

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

Application



Certificate



3 buttons data set

- ✓ Set the lighting time
- ✓ Set operating time
- ✓ Set the Sensing distance



Specifications

Item Number	Power (W)	Power Factor	Lumen (lm)	Efficiency (lm/W)	Input Current	CRI	Color Temperature	Life Time (hrs)
LPFL-10BS01	10W	>0.5	1000 lm	100 lm/W	90mA	>83	CW/NW/WW	50000
LPFL-20BS01	20W	>0.5	2000 lm	100 lm/W	180mA	>83	CW/NW/WW	50000
LPFL-30BS01	30W	>0.5	3000 lm	100 lm/W	240mA	>83	CW/NW/WW	50000
LPFL-50BS01	50W	>0.5	5000 lm	100 lm/W	375mA	>83	CW/NW/WW	50000



Electrical Supply

Power Range	10W	20W	30W	50W
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	90mA	180mA	240mA	375mA
Output Voltage	84V	144V	108V	84V

Technical specifications

On/Off Cycles	>100,000
Color Tolerance Adjustment (SDCM)	<6
IP	66
Class	I
LED Driver	DOB
Housing Color	Black
Pressure Resistant	1500V
Wire Diameter and Material	0.75 mm ² Copper Wire

Initial Performance (IEC Compliant)

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

Lights Material

Housing Material	Aluminum
Optical Material	Nanometer

Temperature

Operating Temperature	-45°C ~ 50 °C
Testing Temperature	-45°C ~ 95 °C

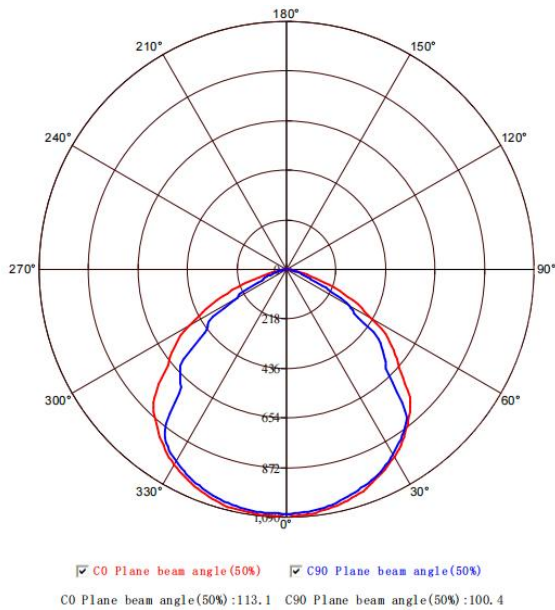
Packing data

Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPFL-10BS01	15	5.5	4.7	37.5	24.5	20.5
LPFL-20BS01	15	5.5	4.7	37.5	24.5	20.5
LPFL-30BS01	12	6.8	5.5	49.5	19.5	23.5
LPFL-50BS01	10	7.3	6.2	42	27	25.5

Dimensional Drawing

Item No	Power	Length (mm)	Width (mm)	Height (mm)
LPFL-10BS01	10W	167	107	55
LPFL-20BS01	20W	167	107	55
LPFL-30BS01	30W	202	156	56
LPFL-50BS01	50W	225	198	60

Planar Intensity Distribution Curve



Average Illumination

