



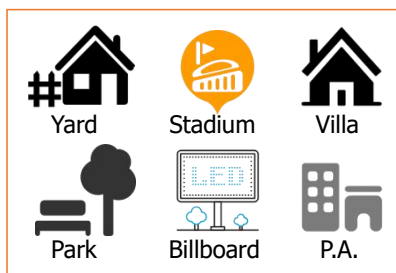
Features

- ✓ IP66
- ✓ IK10
- ✓ CRI>80
- ✓ >85lm/W

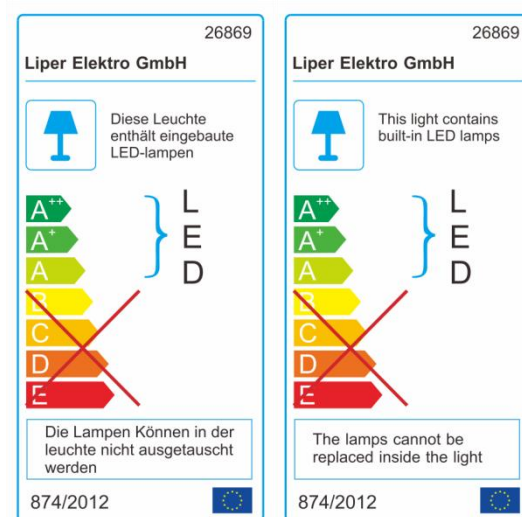
Benefits

- ✓ High Energy Saving
- ✓ High Efficiency
- ✓ 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)
LPFL-50BF01	50W	>0.5	4500-5500	100±10	360mA	>80	CW/NW/WW	30000
LPFL-50BF01	50W	>0.5	4500-5500	100±10	360mA	>80	CCT	30000
LPFL-80BF01	80W	>0.5	7200-8800	100±10	590mA	>80	CW/NW/WW	30000
LPFL-80BF01	80W	>0.5	7200-8800	100±10	590mA	>80	CCT	30000



Electrical Supply

Power Range	45-55W	72-88W
Frequency (Hz)	50/60	50/60
Voltage (V)	100-240	100-240
AC/DC	AC	AC
Input Current	360mA	590mA
Output Voltage	144V	144V

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

Lights Material

Housing Material	Die-Casting Aluminum
Optical Material	Nanometer

Temperature

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

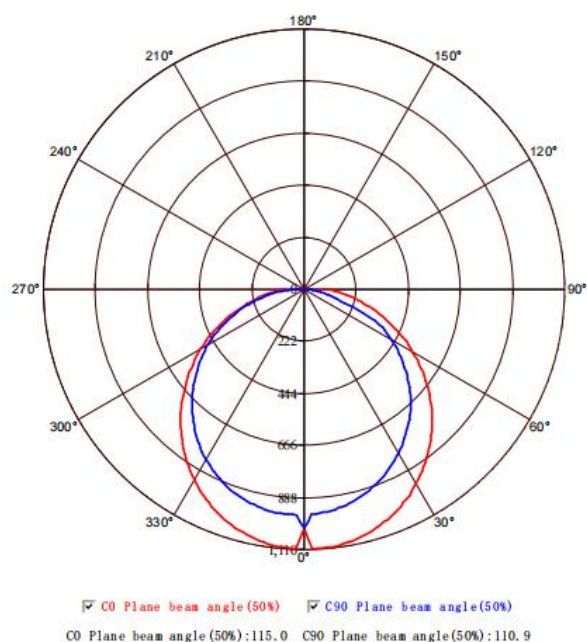
Packing data

Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPFL-50BF01	30	11.9	10.1	52	26.5	39
LPFL-80BF01	10	8.1	6.7	48	29	28

Dimensional Drawing

Item No	Power	Length (mm)	Width (mm)	Height (mm)
LPFL-50BF01	50W	159	138	33
LPFL-80BF01	80W	220	202	35

Planar Intensity Distribution Curve



Average Illumination

