

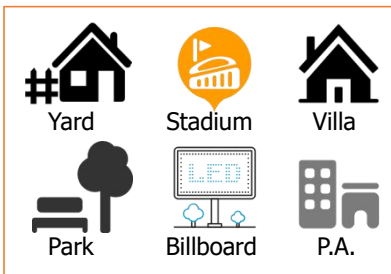
**Features**

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

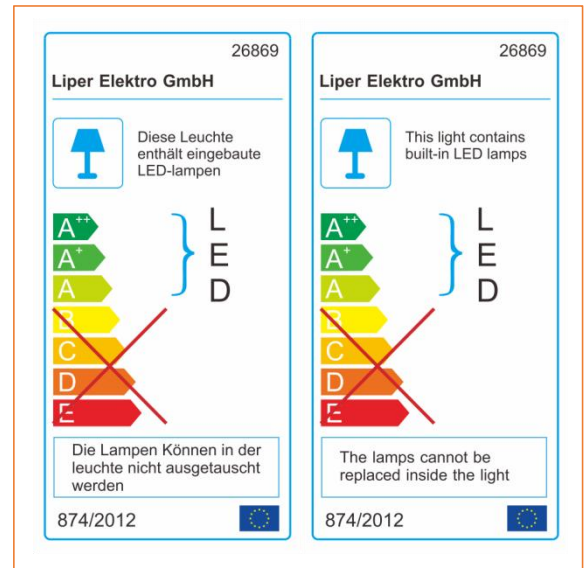
**Benefits**

- ✓ 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-20BT02	20W	>0.5	2000 lm	100 lm/W	160mA	>83	CW/NW/WW	50000
LPFL-30BT02	30W	>0.5	3000 lm	100 lm/W	240mA	>83	CW/NW/WW	50000
LPFL-50BT02	50W	>0.5	5000 lm	100 lm/W	400mA	>83	CW/NW/WW	50000
LPFL-100BT02	100W	>0.5	10000 lm	100 lm/W	800mA	>83	CW/NW/WW	50000
LPFL-200BT02	200W	>0.5	20000 lm	100 lm/W	1600mA	>83	CW/NW/WW	50000
LPFL-300BT02	300W	>0.5	30000 lm	100 lm/W	1800mA	>83	CW/NW/WW	50000
LPFL-400BT02	400W	>0.5	40000 lm	100 lm/W	2300mA	>83	CW/NW/WW	50000
LPFL-500BT02	500W	>0.5	50000 lm	100 lm/W	2800mA	>83	CW/NW/WW	50000



## Electrical Supply

Power Range	20W	30W	50W	100W	200W	300W	400W	500W
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Voltage (V)	100-240	100-240	100-240	100-240	100-240	100-240	100-240	100-240
AC/DC	AC	AC	AC	AC	AC	AC	AC	AC
Input Current	160mA	240mA	400mA	800mA	1600mA	1800mA	2300mA	2800mA
Output Voltage	144V	90V	150V	150V	144V	144V	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 <sup>2</sup> Copper Wire

## Initial Performance (IEC Compliant)

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

## Lights Material

Housing Material	Die-Casting Aluminum
Optical Material	Nanometer

## Temperature

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



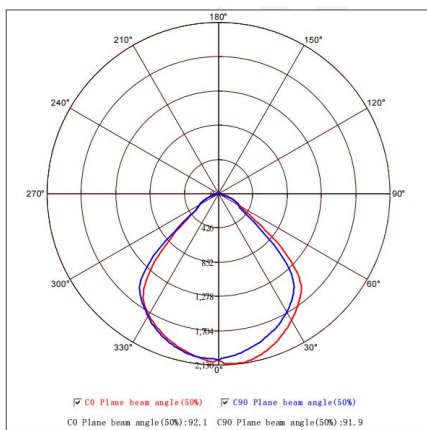
**Packing data**

Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPFL-20BT02	50	11.8	10.5	57.5	19	27
LPFL-30BT02	30	10.5	9.3	38	18.5	33.5
LPFL-50BT02	30	16	14.2	48	18.5	41.5
LPFL-100BT02	10	9.6	8.5	45.5	20	29.5
LPFL-200BT02	6	11.4	10.2	29	28.5	36
LPFL-300BT02	6	14.1	12.8	34.3	26	40
LPFL-400BT02	2	13.6	12.1	47	18	54.5
LPFL-500BT02	2	13.7	12.2	47	18	54.5

**Dimensional Drawing**

Item No	Power	Length (mm)	Width (mm)	Height (mm)
LPFL-20BT02	20W	112	107	29
LPFL-30BT02	30W	150	118	29
LPFL-50BT02	50W	191	151	29
LPFL-100BT02	100W	266	216	32
LPFL-200BT02	200W	334	270	35
LPFL-300BT02	300W	330	302	35
LPFL-400BT02	400W	510	440	70
LPFL-500BT02	500W	510	440	70

**Planar Intensity Distribution Curve**



**Average Illumination**

