

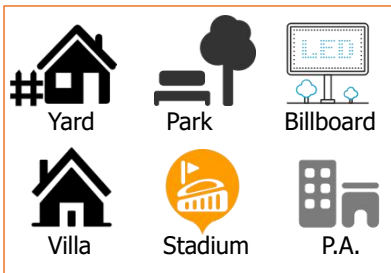
### Features

- ✓ CRI>80
- ✓ IP66
- ✓ CCT Adjustable Optional
- ✓ Fabric-textured

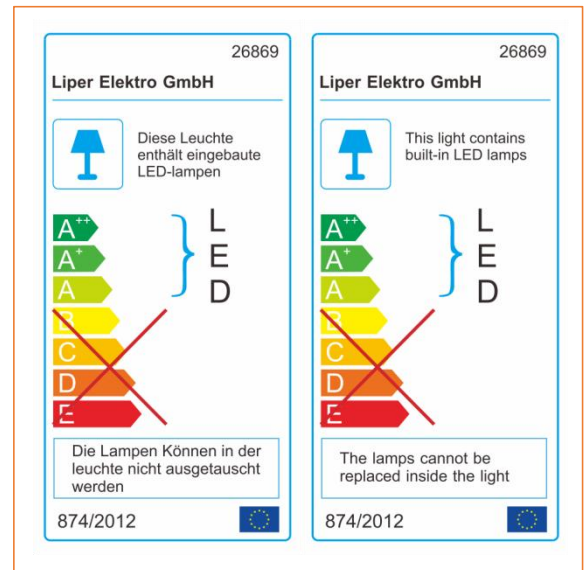
### Benefits

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

### Application



### Certificate



### Specifications

Item Number	Power (W)	Power Factor	Dissipation Factor	Lumen (lm)	Efficiency (lm/W)	CRI	Color Temperature	Life Time (hrs)
LPFL-10BW02	10W	>0.5	>0.9	1000	100	>80	WW/CW/NW/CCT	50000
LPFL-20BW02	20W	>0.5	>0.9	2000	100	>80	WW/CW/NW/CCT	50000
LPFL-30BW02	30W	>0.5	>0.9	3000	100	>80	WW/CW/NW/CCT	50000
LPFL-50BW02	50W	>0.5	>0.9	5000	100	>80	WW/CW/NW/CCT	50000
LPFL-100BW02	100W	>0.9	>0.9	10000	100	>80	WW/CW/NW/CCT	50000
LPFL-150BW02	150W	>0.9	>0.9	15000	100	>80	WW/CW/NW/CCT	50000
LPFL-200BW02	200W	>0.9	>0.9	20000	100	>80	WW/CW/NW/CCT	50000
LPFL-300BW02	300W	>0.9	>0.9	30000	100	>80	WW/CW/NW/CCT	50000



## Initial Performance (IEC Compliant)

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

Item 1 Driver Part	Parameter Range							
	10W	20W	30W	50W	100W	150W	200W	300W
Input Voltage (VAC)	100-240	100-240	100-240	100-240	100-240	100-240	100-240	100-240
Input Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Input Current (mA)	100mA	200mA	300mA	500mA	580mA	870mA	1150mA	1740mA
Output Current	125mA	300mA	250mA	680mA	220mA	330mA	440mA	650mA
Output Voltage	72V	60V	108V	66V	440V	440V	440V	440V
Output Wattage (W)	10	20	30	50	100	150	200	300
Power Range	9-11	18-22	27-33	45-55	90-110	135-165	180-220	270-330
Power Factor	>0.5	>0.5	>0.5	>0.5	>0.9	>0.9	>0.9	>0.9
Dissipation Factor	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9
Total Harmonic Distortion (THD)	<130%	<130%	<130%	<130%	<15%	<15%	<15%	<15%
Color Temperature Adjustment Method	Dip Switch	Dip Switch	Dip Switch	Dip Switch	Dip Switch	Dip Switch	Dip Switch	Dip Switch
Dimming Method	-	-	-	-	-	-	-	-
Sensor Method	-	-	-	-	-	-	-	-
Smart Control Method	-	-	-	-	-	-	-	-
Emergency Duration	-	-	-	-	-	-	-	-
Emergency Wattage	-	-	-	-	-	-	-	-
Item 2 Lamp	Parameter Range							
	10W	20W	30W	50W	100W	150W	200W	300W
Lamp Material	ADC12	ADC12	ADC12	ADC12	ADC12	ADC12	ADC12	ADC12
Optical Materials	Glass	Glass	Glass	Glass	Glass	Glass	Glass	Glass
LED	SMD2835	SMD2835	SMD2835	SMD2835	SMD2835	SMD2835	SMD2835	SMD2835
LED Quantity and Arrangement	14S1PX2	10S2PX2	17S2PX2	11S3PX2	70S2PX2	68S3PX2	70S2PX2	70S5PX2
Color Temperature (CCT)	3000K	3000K	3000K	3000K	3000K	3000K	3000K	3000K

		4000K	4000K	4000K	4000K	4000K	4000K	4000K	4000K
		6500K	6500K	6500K	6500K	6500K	6500K	6500K	6500K
Color Rendering Index (CRI)		>80	>80	>80	>80	>80	>80	>80	>80
SDCM		<5	<5	<5	<5	<5	<5	<5	<5
Beam Angle (0-180)		110°	110°	110°	110°	110°	110°	110°	110°
PST		≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0
Stroboscopic Visibility Measure (SVM)		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
UGR		-	-	-	-	-	-	-	-
Total Luminous Flux	3000K	1100 lm	2000 lm	3500 lm	5600 lm	12000 lm	19000lm	26000lm	39000lm
	4000K	1200 lm	2300 lm	3900 lm	6200 lm	15000 lm	21000lm	28000lm	39000lm
	6500K	1100 lm	2000 lm	3500 lm	5600 lm	13000 lm	19000lm	26000lm	42000lm
<b>Item 3 Reliability</b>		<b>Parameter Range</b>							
Lamp Lifetime (@Ta=25°C) (L70B50)		30000H	30000H	30000H	30000H	30000H	30000H	30000H	30000H
Warranty		2Years	2Years	2Years	2Years	2Years	2Years	2Years	2Years
Environment Temperature Range(°C)		-25 - +50	-25 - +50	-25 - +50	-25 - +50	-25 - +50	-25 - +50	-25 - +50	-25 - +50
Storage Temperature Range(°C)		-40 - +85	-40 - +85	-40 - +85	-40 - +85	-40 - +85	-40 - +85	-40 - +85	-40 - +85
Lumen Maintenance (6000h)		>80%	>80%	>80%	>80%	>80%	>80%	>80%	>80%
<b>Item 4 Safety</b>		<b>Parameter Range</b>							
Lamp Holder		-	-	-	-	-	-	-	-
IK		IK08	IK08	IK08	IK08	IK08	IK08	IK08	IK08
Ingress Protection		IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Against Electric Chock (I/II/III)		Class I	Class I	Class I	Class I	Class I	Class I	Class I	Class I
Flame Retardant Grade		UL94 V-0	UL94 V-0	UL94 V-0	UL94 V-0	UL94 V-0	UL94 V-0	UL94 V-0	UL94 V-0
Surge	L-N	2KV	2KV	2KV	3KV	3KV	3KV	3KV	3KV
	LN-PE	4KV	4KV	4KV	6KV	6KV	6KV	6KV	6KV
Hi-POT (Withstanding Voltage)		>1.5KV	>1.5KV	>1.5KV	>1.5KV	>1.5KV	>1.5KV	>1.5KV	>1.5KV
Certification		CE CB							



## Dimensional Drawing

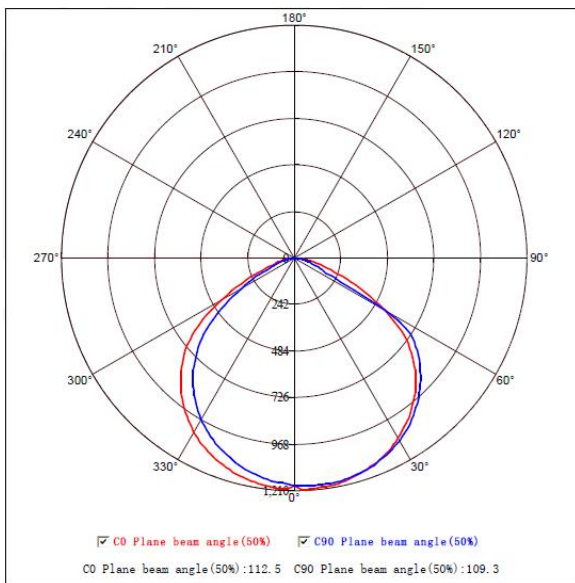
Item No	Power	Length (mm)	Width (mm)	Height (mm)	Net Weight (KG)
LPFL-10BW02	10W	97.4	108.9	28.8	0.17
LPFL-20BW02	20W	112.3	108.9	28.9	0.19
LPFL-30BW01	30W	157.3	141.6	32.2	0.26
LPFL-30BW02	30W	157.3	141.6	30.5	0.36
LPFL-50BW01	50W	165.1	187.6	31.8	0.36
LPFL-50BW02	50W	165.1	187.6	30.3	0.52
LPFL-100BW01	100W	250.4	221.6	32.5	0.66
LPFL-100BW02	100W	250.4	221.6	31	0.88
LPFL-150BW01	150W	300	272.7	32.5	0.91
LPFL-150BW02	150W	300	272.7	31	1.33
LPFL-200BW01	200W	337.4	323.6	32.5	1.13
LPFL-200BW02	200W	337.4	323.6	31	1.72
LPFL-300BW01	300W	388.4	407.7	37.7	1.86
LPFL-300BW02	300W	388.4	407.7	36.2	2.8

## Packing Data

Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPFL-10BW02	50	9.6	8.5	55.5	20.5	25
LPFL-20BW02	50	10.7	9.5	60	20.5	27
LPFL-30BW02	30	10.8	9.6	46	21	35
LPFL-50BW02	20	10.6	9.6	36.5	25	40.5
LPFL-100BW02	10	9.6	8.8	40.5	24	28
LPFL-150BW02	6	9	8	29.5	26.5	31.5
LPFL-200BW02	5	9.5	8.6	34.5	23	36
LPFL-300BW02	4	12.4	11.2	40.5	20	43.5



### Planar Intensity Distribution Curve



### Average Illumination

