



Features

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

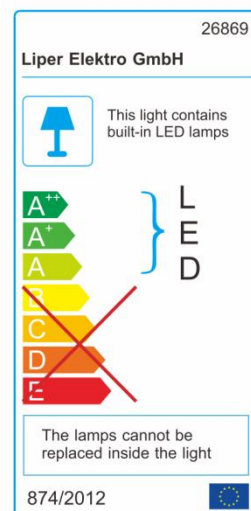
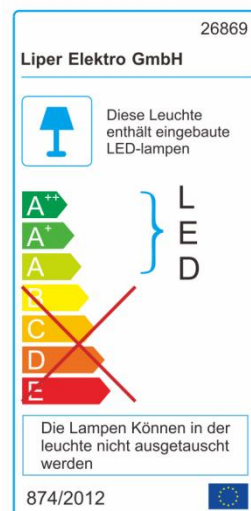
Benefits

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

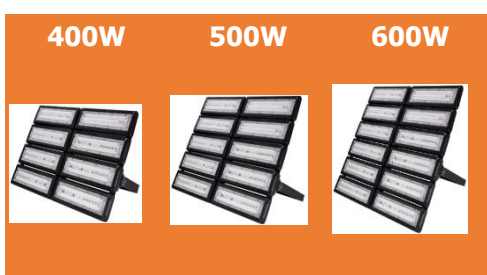
Application



Certificate



Wide Watts



Specifications

Item Number	Power (W)	Power Factor	Flux (lm)	Luminous Efficiency (lm/W)	Input Current	CRI	Color Temperature	Life Time (hrs)	Beam Angle (Deg)
LPFL-50M01	50W	>0.99	4980-5120	100±10	250mA	>83	CW/NW/WW	50000	82.3
LPFL-100M01	100W	>0.99	10560-11380	100±10	500mA	>83	CW/NW/WW	50000	82.3
LPFL-150M01	150W	>0.99	14800-15500	100±10	750mA	>83	CW/NW/WW	50000	82.3
LPFL-200M01	200W	>0.99	20800-21500	100±10	1000mA	>83	CW/NW/WW	50000	82.3
LPFL-300M01	300W	>0.99	28900-29600	100±10	1500mA	>83	CW/NW/WW	50000	82.3
LPFL-400M01	400W	>0.99	39500-40200	100±10	2000mA	>83	CW/NW/WW	50000	82.3
LPFL-500M01	500W	>0.99	48600-49700	100±10	2500mA	>83	CW/NW/WW	50000	82.3
LPFL-600M01	600W	>0.99	58800-59500	100±10	3000mA	>83	CW/NW/WW	50000	82.3

Technical specifications

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

Electrical Supply

Power Range	45-50W	90-100W	135-150W	180-200W	270-300W	360-400W	450-500W	540-600W
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Voltage (V)	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240
AC/DC	AC	AC	AC	AC	AC	AC	AC	AC
Input Current	250mA	500mA	750mA	1000mA	1500mA	2000mA	2500mA	3000mA
Output Voltage	252V	252V *2	252V*3	252V*4	252V*6	252V*8	252V*10	252V*12



Lights Material

Housing Material

Die-casting Aluminum

Optical Material

Lens

Temperature

Operating Temperature

-45°C ~ 50 °C

Testing Temperature

-45°C ~ 95 °C

Packing data

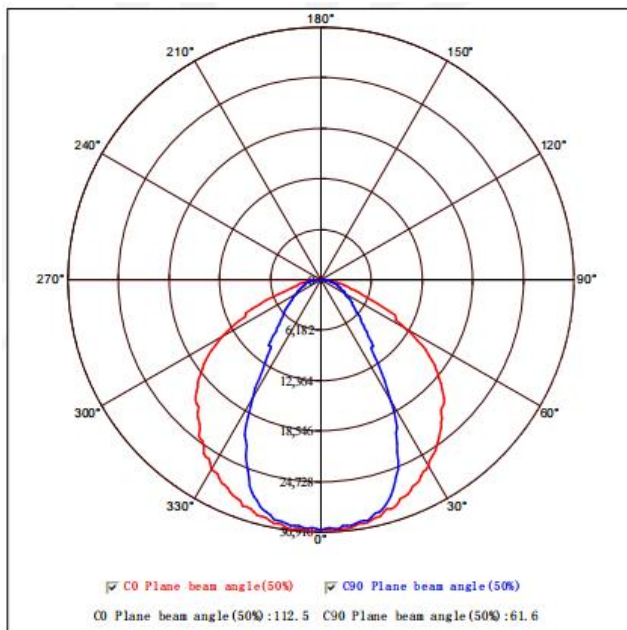
Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPFL-50M01	9	15.5	13.3	50.5	32.5	26
LPFL-100M01	6	16.5	14.4	47	32.5	26
LPFL-150M01	4	13.1	12	38	34	40
LPFL-200M01	3	14.8	13.2	33.8	28	49
LPFL-300XT01	2	15.1	14	60	41	19
LPFL-400XT01	2	16.8	15.6	60	19	49
LPFL-500XT01	2	21.1	19.2	60	19	59
LPFL-600XT01	2	24.5	23	60	19	70

Dimensional Drawing

Item No	Power	Length (mm)	Width (mm)	Height (mm)
LPFL-50M01	50W	295	70	138
LPFL-100M01	100W	295	70	268
LPFL-150M01	150W	298	73	378
LPFL-200M01	200W	298	73	490
LPFL-300M01	300W	573	73	378
LPFL-400M01	400W	573	73	490
LPFL-500M01	500W	573	73	600
LPFL-600M01	600W	573	73	710



Planar Intensity Distribution Curve



Average Illumination

