



Features

- ✓ CCT Adjustable
- ✓ IP65
- ✓ IK10
- ✓ Sensor Attachable

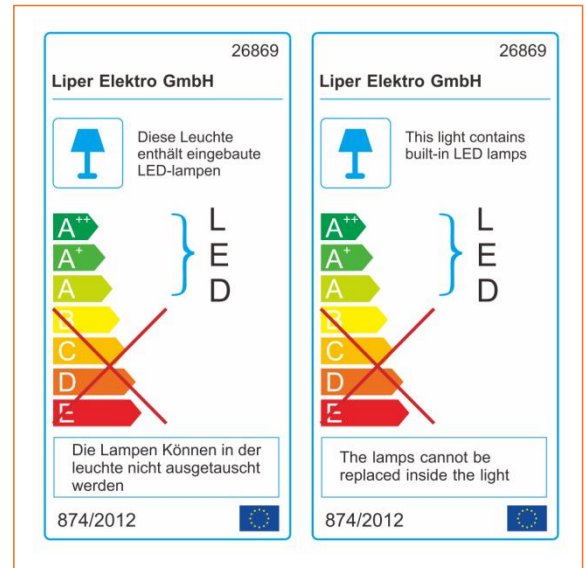
Benefits

- ✓ 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)
LPUF-200F01	200W	>0.9	>0.9	22000	110	>80	WW/CW/NW/CCT	30000
LPUF-300F01	300W	>0.9	>0.9	36000	120	>80	WW/CW/NW/CCT	30000
LPUF-200F01-SENSOR	200W	>0.9	>0.9	22000	110	>80	WW/CW/NW/CCT	30000



Item 1 Driver Part			Parameter Range			
			LPUF-200F01	LPUF-300F01	LPUF-200F01-SENSOR	
Input Voltage (VAC)			100-240Vac	100-240Vac	100-240Vac	
Input Frequency (Hz)			50/60	50/60	50/60	
Input Current (mA)			1160mA	1740mA	1160mA	
Output Current			440mA	650mA	880mA	
Output Voltage			440V	440V	210V	
Output Wattage (W)		100%	200W±10%	300W±10%	200W±10%	
		90%	180W±10%	270W±10%	180W±10%	
		80%	160W±10%	240W±10%	160W±10%	
Power Range			180-220	270-330	180-220	
Power Factor			>0.9	>0.9	>0.9	
Dissipation Factor			>0.9	>0.9	>0.9	
Total Harmonic Distortion (THD) (%)			<15%	<15%	<15%	
Color Temperature Adjustment Method			Dip Switch	Dip Switch	Dip Switch	
Dimming Method			Dip Switch	Dip Switch	Dip Switch	
Sensor Method			-	-	Radar	
Smart Control Method			-	-	Remote	
Emergency Duration			-	-	-	
Emergency Wattage			-	-	-	
Item 2 Lamp			Parameter Range			
			LPUF-200F01	LPUF-300F01	LPUF-200F01-SENSOR	
Lamp Material			ADC12	ADC12	ADC12	
Optical Materials			PC	PC	PC	
LED			SMD2835	SMD2835	SMD2835	
LED Quantity and Arrangement			73S3P	73S3P	35S6P	
Color Temperature (CCT)		6500K	6500K	6500K		
		4000K	4000K	4000K		
		3000K	3000K	3000K		
Color Rendering Index (CRI)			>80	>80	>80	
Standard Deviation of Color Matching (SDCM)			<5	<5	<5	
Beam Angle (0-180)			120°	120°	120°	
Perceptibility of Stroboscopic Effects (PST)			≤1.0	≤1.0	≤1.0	
Stroboscopic Visibility Measure (SVM)			<1.0	<1.0	<1.0	
UGR			-	-	-	
Total Luminous Flux		6500K	100%	22000lm	36000lm	22000lm
			90%	19800lm	32400lm	19800lm

	4000K	80%	17600lm	28800lm	17600lm
		100%	24000lm	39000lm	24000lm
		90%	21600lm	35100lm	21600lm
	3000K	80%	19200lm	31200lm	19200lm
		100%	22000lm	36000lm	22000lm
		90%	19800lm	32400lm	19800lm
			80%	17600lm	28800lm
Cable Length			230mm	230mm	230mm
Item 3 Reliability			Parameter Range		
			LPUF-200F01	LPUF-300F01	LPUF-200F01-SENSOR
Lamp Lifetime (@Ta=25°C) (L70B50)			30000H	30000H	30000H
Warranty			2Years	2Years	2Years
Environment Temperature Range			-25 ~ +50°C	-25 ~ +50°C	-25 ~ +50°C
Storage Temperature Range			-45 ~ +85°C	-45 ~ +85°C	-45 ~ +85°C
Lumen Maintenance (6000h)			>90%	>90%	>90%
Item 4 Safety			Parameter Range		
			LPUF-200F01	LPUF-300F01	LPUF-200F01-SENSOR
Lamp Holder			-	-	-
IK			IK08	IK08	IK08
Ingress Protection			IP65	IP65	IP65
Against Electric Chock (I/II/III)			I	I	I
Flame Retardant Grade			V-0	V-0	V-0
Surge	L-N		2KV	2KV	2KV
	LN-PE		4KV	4KV	4KV
Hi-POT (Withstanding Voltage)			1.5KV	1.5KV	1.5KV
Certification			CE		

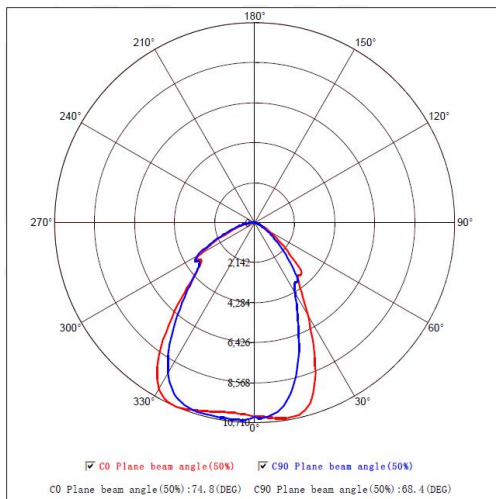
Dimensional Drawing

Item No	Power	Diameter (mm)	Height (mm)
LPUF-200F01	200W	300	108
LPUF-300F01	300W	350	118
LPUF-200F01-SENSOR	200W	300	108

Packing Data

Item No	PCS/C TN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPUF-200F01	4	8.2	6.5	64	32	28
LPUF-300F01	4	10.3	8.2	74	37	30
LPUF-200F01-SENSOR	4	8.2	6.5	64	32	28

Planar Intensity Distribution Curve



Average Illumination

