



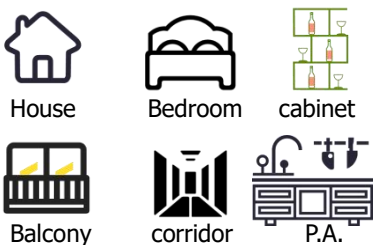
Features

- ✓ CRI>80
- ✓ Elegant Light
- ✓ No Flicker UGR<19
- ✓ Ultra thin
- ✓ CCT Adjustable

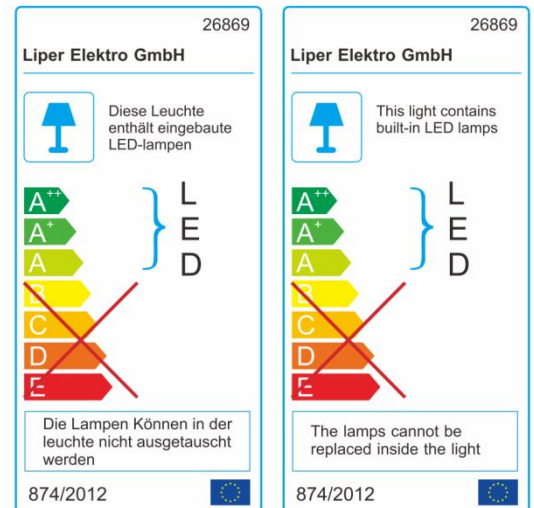
Benefits

- ✓ High Energy Saving
- ✓ High Efficiency
- ✓ Eye Protection
- ✓ 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)
LPDL-03LS01-FCCT	3W	>0.5	>0.9	240	80	>80	WW/CW/NW/CCT	25000
LPDL-06LS01-FCCT	6W	>0.5	>0.9	480	80	>80	WW/CW/NW/CCT	25000
LPDL-12LS01-FCCT	12W	>0.5	>0.9	960	80	>80	WW/CW/NW/CCT	25000
LPDL-18LS01-FCCT	18W	>0.5	>0.9	1440	80	>80	WW/CW/NW/CCT	25000
LPDL-24LS01-FCCT	24W	>0.5	>0.9	1920	80	>80	WW/CW/NW/CCT	25000



Initial Performance (IEC Compliant)

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

Item 1 Driver Part	Parameter Range				
	3W	6W	12W	18W	24W
Input Voltage (VAC)	100-240V	100-240V	100-240V	100-240V	100-240V
Input Frequency (Hz)	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Input Current (mA)	35mA	70mA	140mA	210mA	280mA
Output Current	3W±10%	6W±10%	12W±10%	18W±10%	24W±10%
Output Voltage	36V	27V	36V	54V	72V
Output Wattage (W)	75mA	200mA	300mA	300mA	300mA
Power Range	>0.5	>0.5	>0.5	>0.5	>0.5
Power Factor	>0.9	>0.9	>0.9	>0.9	>0.9
Dissipation Factor	<120	<120	<120	<120	<120
Total Harmonic Distortion (THD) (%)	-	-	-	-	-
Color Temperature Adjustment Method	-	-	-	-	-
Dimming Method	-	-	-	-	-
Sensor Method	-	-	-	-	-
Smart Control Method	-	-	-	-	-
Emergency Duration	-	-	-	-	-
Emergency Wattage	100-240V	100-240V	100-240V	100-240V	100-240V
Item 2 Lamp	Parameter Range				
	3W	6W	12W	18W	24W
Lamp Material	ADC12	ADC12	ADC12	ADC12	ADC12
Optical Materials	PC	PC	PC	PC	PC
LED	2835	2835	2835	2835	2835
LED Quantity and Arrangement	12S1P*2	9S3P*2	12S4P*2	9S5P*2	12S5P*2
Color Temperature (CCT)	3000K	3000K	3000K	3000K	3000K
	4000K	4000K	4000K	4000K	4000K
	6500K	6500K	6500K	6500K	6500K
Color Rendering Index (CRI)	>80	>80	>80	>80	>80
Standard Deviation of Color Matching (SDCM)	<6	<6	<6	<6	<6
Beam Angle (0-180)	120°	120°	120°	120°	120°
Perceptibility of Stroboscopic Effects (PST)	<1	<1	<1	<1	<1
Stroboscopic Visibility Measure (SVM)	<0.4	<0.4	<0.4	<0.4	<0.4



UGR		-	-	-	-	-
Total Luminous Flux	3000K	240 lm	480 lm	960 lm	1440 lm	1920 lm
	4000K	270 lm	540 lm	1080 lm	1620 lm	2160 lm
	6500K	210 lm	420 lm	840 lm	1260 lm	1680 lm
Cable length		300mm	300mm	300mm	300mm	300mm
Item 3 Reliability		Parameter Range				
		3W	6W	12W	18W	24W
Lamp Lifetime (@Ta=25°C) (L70B50)		25000H	25000H	25000H	25000H	25000H
Warranty		3Years	3Years	3Years	3Years	3Years
Environment Temperature Range		-25-+45°C	-25-+45°C	-25-+45°C	-25-+45°C	-25-+45°C
Storage Temperature Range		-45-+85°C	-45-+85°C	-45-+85°C	-45-+85°C	-45-+85°C
Lumen Maintenance (6000h)		>90%	>90%	>90%	>90%	>90%
Item 4 Safety		Parameter Range				
		3W	6W	12W	18W	24W
Lamp Holder		-	-	-	-	-
IK		IK04	IK04	IK04	IK04	IK04
Ingress Protection		IP44	IP44	IP44	IP44	IP44
Against Electric Chock (I/II/III)		I	I	I	I	I
Flame Retardant Grade		94-V0	94-V0	94-V0	94-V0	94-V0
Surge	L-N	750V	750V	750V	750V	750V
	LN-PE	-	-	-	-	-
Hi-POT (Withstanding Voltage)		3KV	3KV	3KV	3KV	3KV
Certification		CE	CEC	CE	CE	CE

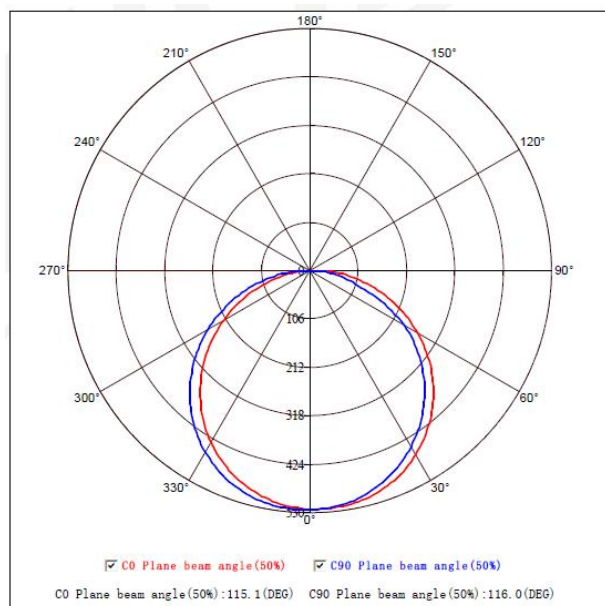
Dimensional Drawing

Item No	Power	Lamp Size (mm)	Cut out Size (mm)	Net Weight (g)
LPDL-03LS01-FCCT	3W	84x84x18	74x74	80
LPDL-06LS01-FCCT	6W	117x117x18	108x108	128
LPDL-12LS01-FCCT	12W	166x166x18	154x154	207
LPDL-18LS01-FCCT	18W	220x220x18	205x205	315
LPDL-24LS01-FCCT	24W	290x290x18	275x275	525

Packing Data

Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPDL-03LS01-FCCT	100	9.5	8	47	43.5	24
LPDL-06LS01-FCCT	40	6.7	5.2	51	22	30.5
LPDL-12LS01-FCCT	20	6	4.5	43.5	36.5	21
LPDL-18LS01-FCCT	16	7.1	5.6	46	34.5	27
LPDL-24LS01-FCCT	12	8.6	7.1	60.5	26	34

Planar Intensity Distribution Curve



Average Illumination

