



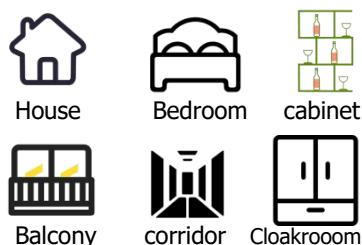
Features

- ✓ CRI>80
- ✓ Elegant Light
- ✓ No Flicker UGR<19
- ✓ Three mode Adjustable
- ✓ Two colors

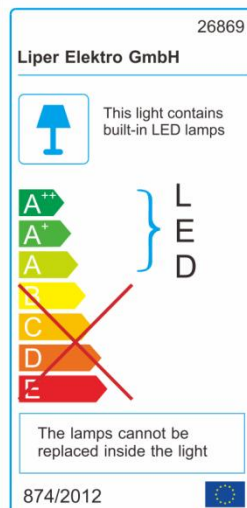
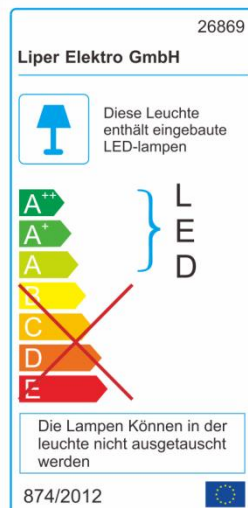
Benefits

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

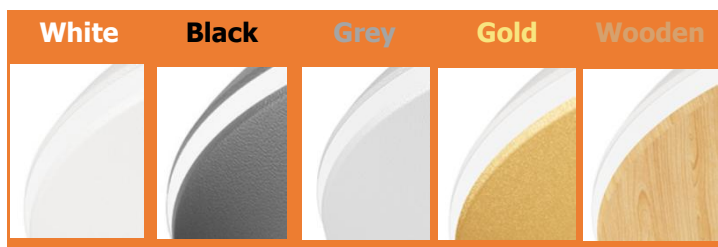
Application



Certificate



Housing Color



Specifications

Item Number	Power (W)	Power Factor	Dissipation Factor	Lumen (lm)	Efficiency (lm/W)	CRI	Color Temperature	Life Time (hrs)
LPDL-3+3EWT01-Y	3+3W	>0.5	>0.9	255LM	42.5lm/w	>80	WW/CW/NW	25000
LPDL-6+6EWT01-Y	6+6W	>0.5	>0.9	510LM	42.5lm/w	>80	WW/CW/NW	25000
LPDL-12+12EWT01-Y	12+12W	>0.5	>0.9	1140LM	47.5lm/w	>80	WW/CW/NW	25000
LPDL-18+18EWT01-Y	18+18W	>0.5	>0.9	1800LM	47.5lm/w	>80	WW/CW/NW	25000

Initial Performance (IEC Compliant)

Luminous Flux Tolerance +/-10%

Power Consumption Tolerance +/-10%

Item 1 Driver Part	Parameter Range			
	LPDL-3+3 EWT01-Y	LPDL-6+6 EWT01-Y	LPDL-12+12E WTO1-Y	LPDL-18+18E WTO1-Y
Input Voltage (VAC)	100-240Vac	100-240Vac	100-240Vac	100-240Vac
Input Frequency (Hz)	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Input Current (mA)	35mA	68mA	135mA	200mA
Output Current	120mA	170mA	180mA	210mA
Output Voltage	21V	30V	60V	78V
Output Wattage (W)	-	-	-	-
Power Range	3W+3W	6W+6W	12W+12W	18W+18W
Power Factor	>0.5	>0.5	>0.5	>0.5
Dissipation Factor	>0.9	>0.9	>0.9	>0.9
Total Harmonic Distortion (THD) (%)	<120%	<120%	<120%	<120%
Color Temperature Adjustment Method	Switch	Switch	Switch	Switch
Dimming Method	-	-	-	-
Sensor Method	-	-	-	-
Smart Control Method	-	-	-	-
Emergency Duration	-	-	-	-
Emergency Wattage	-	-	-	-
Item 2 Lamp	Parameter Range			
	LPDL-3+3 EWT01-Y	LPDL-6+6 EWT01-Y	LPDL-12+12 EWT01-Y	LPDL-18+18 EWT01-Y
Lamp Material	PC	PC	PC	PC
Optical Materials	PC	PC	PC	PC
LED	SMD2835	SMD2835	SMD2835	SMD2835



LED Quantity and Arrangement		CW:7S3P Blue:7S3P	CW:10S5P Blue:10S3P	CW:20S5P Blue:20S3P	CW:28S5P Blue:28S3P
Color Temperature (CCT)		3000K+Blue	3000K+Blue	3000K+Blue	3000K+Blue
		4000K+Blue	4000K+Blue	4000K+Blue	4000K+Blue
		6500K+Blue	6500K+Blue	6500K+Blue	6500K+Blue
Color Rendering Index (CRI)		>80	>80	>80	>80
Standard Deviation of Color Matching (SDCM)		<5	<5	<5	<5
Beam Angle (0-180)		120°	120°	120°	120°
Perceptibility of Stroboscopic Effects (PST)		<1	<1	<1	<1
Stroboscopic Visibility Measure (SVM)		<1	<1	<1	<1
UGR		-	-	-	-
Total Luminous Flux	3000K	240lm	480lm	1080lm	1700lm
	4000K	255lm	510lm	1140lm	1800lm
	6500K	255lm	510lm	1140lm	1800lm
Cable length		95mm	95mm	95mm	95mm
Item 3 Reliability		Parameter Range			
		LPDL-3+3 EWTO1-Y	LPDL-6+6 EWTO1-Y	LPDL-12+12 EWTO1-Y	LPDL-18+18 EWTO1-Y
Lamp Lifetime (@Ta=25°C) (L70B50)		25000H	25000H	25000H	25000H
Warranty		2Years	2Years	2Years	2Years
Environment Temperature Range		-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
Lumen Maintenance (6000h)		>90%	>90%	>90%	>90%
Item 4 Safety		Parameter Range			
		LPDL-3+3 EWTO1-Y	LPDL-6+6 EWTO1-Y	LPDL-12+12E WTO1-Y	LPDL-18+18E WTO1-Y
IK		-	-	-	-
Ingress Protection		IP44	IP44	IP44	IP44
Against Electric Chock (I/II/III)		II	II	II	II
Flame Retardant Grade		V-0	V-0	V-0	V-0
Surge	L-N	>500V	>500V	>500V	>500V
	LN-PE	-	-	-	-
Hi-POT (Withstanding Voltage)		3KV	3KV	3KV	3KV
Certification		CE	CE	CE	CE

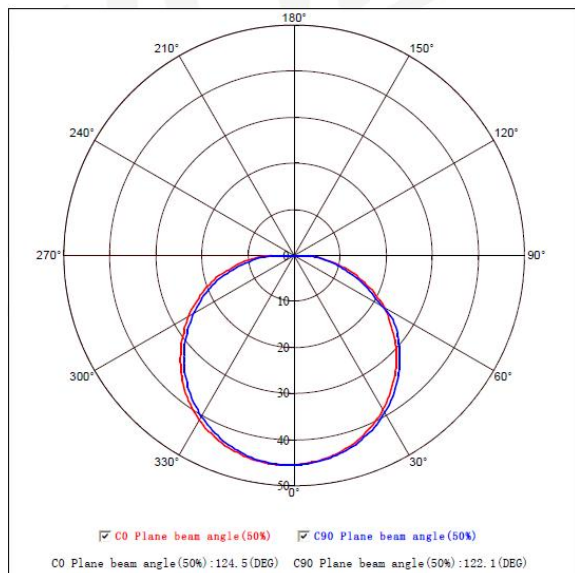
Dimensional Drawing

Item No	Power	Lamp Size (mm)	Cut out Size (mm)	Net Weight (g)
LPDL-3+3EWT01-Y	3+3W	∅ 100X25.85	70-90mm	70
LPDL-6+6EWT01-Y	6+6W	∅ 140X26.00	100-130mm	130
LPDL-12+12EWT01-Y	12+12W	∅ 185X26.50	150-175mm	240
LPDL-18+18EWT01-Y	18+18W	∅ 225X28.00	200-210mm	270

Packing Data

Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPDL-3+3EWT01-Y	100	8.2	7	55.5	18.5	45
LPDL-6+6EWT01-Y	60	9.2	7.8	60.5	18.5	46
LPDL-12+12EWT01-Y	30	8.6	7.35	59	18.5	39.5
LPDL-18+18EWT01-Y	20	6.6	5.4	47.5	19.5	47.5

Planar Intensity Distribution Curve



Average Illumination

