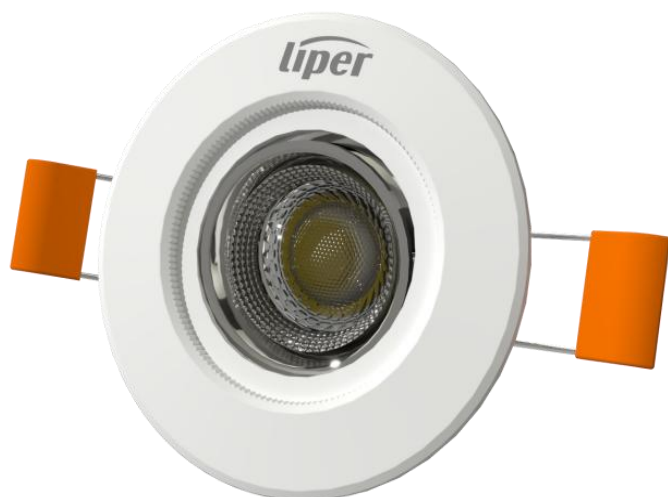




Features

- ✓ CRI>80
- ✓ CCT Adjustable
- ✓ No Flicker UGR<19
- ✓ Elegant light
- ✓ Good Concentrating Effect

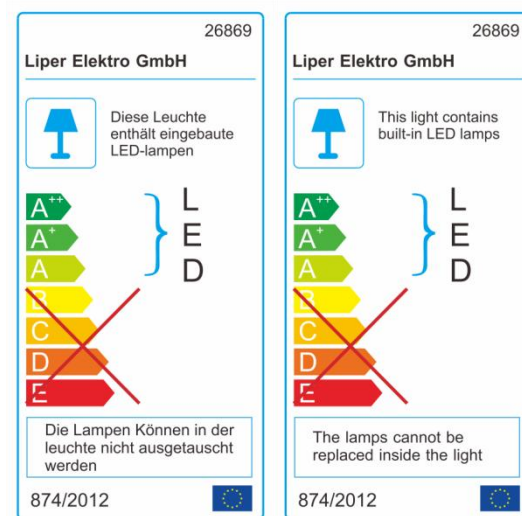
Benefits

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

Application



Certificate



Specifications

Item Number	Power (W)	Power Factor	Lumen (lm)	Lumen Efficiency (lm/W)	CRI	Color Temperature	Life Time (hrs)
LPCL-03G01-Y	3W	>0.5	200	67lm/w	>80	WW/CW/NW/CCT	50000



Initial Performance (IEC Compliant)

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

Item 1 Driver Part	Parameter Range
	LPCL-03G01-Y
Input Voltage (VAC)	100-240Vac
Input Frequency (Hz)	50/60Hz
Input Current (mA)	35mA
Output Current	85mA
Output Voltage	30V
Output Wattage (W)	3W
Power Range	IEC Compliant
Power Factor	>0.5
Dissipation Factor	>0.9
Total Harmonic Distortion (THD) (%)	<20%
Color Temperature Adjustment Method	-
Dimming Method	-
Sensor Method	-
Smart Control Method	-
Emergency Duration	-
Emergency Wattage	-
Item 2 Lamp	Parameter Range
	LPCL-03G01-Y
Lamp Material	Die Casting Aluminum
Optical Materials	PC
LED	COB1313
LED Quantity and Arrangement	-
Color Temperature (CCT)	3000K
	4000K
	6500K
Color Rendering Index (CRI)	>80
Standard Deviation of Color Matching (SDCM)	<5
Beam Angle (0-180)	50°
Perceptibility of Stroboscopic Effects (PST)	<1

Stroboscopic Visibility Measure (SVM)		<1
UGR		-
Total Luminous Flux	5700K	200lm
	4000K	190lm
	3000K	180lm
Cable Length		310mm
Item 3 Reliability		Parameter Range
		LPCL-03G01-Y
Lamp Lifetime (@Ta=25°C) (L70B50)		50000H
Warranty		3Years
Environment Temperature Range		-25 ~ +45°C
Storage Temperature Range		-40 ~ +85°C
Lumen Maintenance (6000h)		>90%
Item 4 Safety		Parameter Range
Lamp Holder		-
IK		-
Ingress Protection		IP44
Against Electric Shock (I/II/III)		II
Flame Retardant Grade		UL94-V0
Surge	L-N	-
	LN-PE	-
Hi-POT (Withstanding Voltage)		3KV
Certification		CE CB

Dimensional Drawing

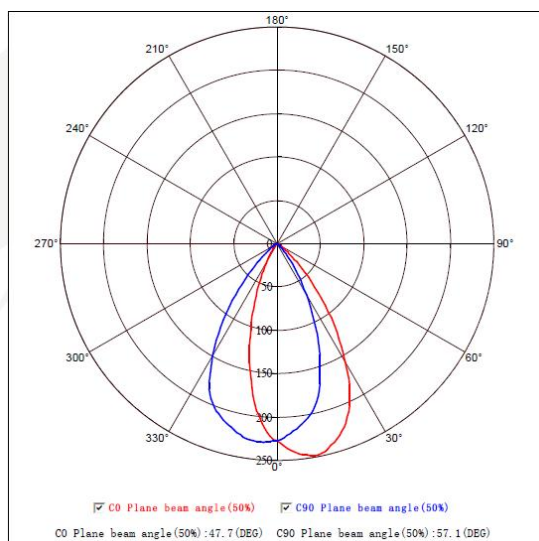
Item No	Power	Diameter (mm)	Height (mm)	Cutout Size (mm)
LPCL-03G01-Y	3W	52	27	40-45

Packing Data

Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPCL-03G01-Y	100	5.5	4.1	40.5	30.5	34.5



Planar Intensity Distribution Curve



Average Illumination

