

Features

- ✓ CRI>83
- ✓ Black/White
- ✓ IP44 Waterproof
- ✓ No Flicker UGR<19
- ✓ Good Concentrating Effect

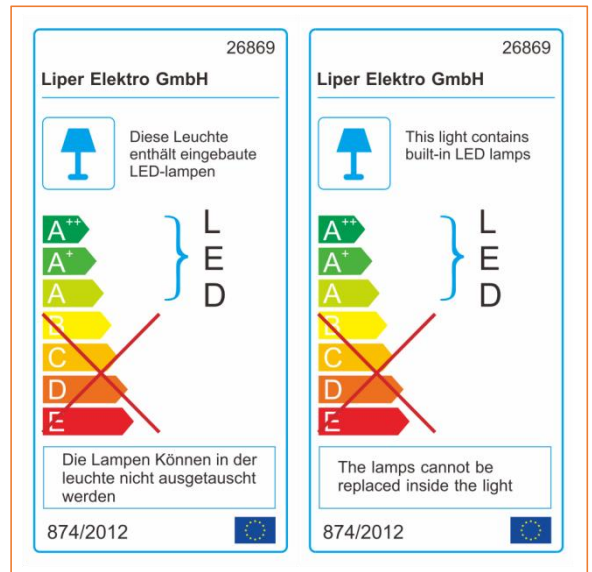
benefits

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

Application



Certificate



specifications

Item Number	Power (W)	Power Factor	Lumen (lm)	Efficiency (lm/W)	Input Current	CRI	Color Temperature	Life Time (hrs)
LPCOB-04FS01-Y	4W	>0.5	320 lm	80 lm/W	40mA	>83	3000K	50000
LPCOB-04FS01-Y	4W	>0.5	320 lm	80 lm/W	40mA	>83	4000K	50000
LPCOB-04FS01-Y	4W	>0.5	320 lm	80 lm/W	40mA	>83	6500K	50000
LPCOB-04FS01-YR	4W	>0.5	320 lm	80 lm/W	40mA	>83	3000K	50000
LPCOB-04FS01-YR	4W	>0.5	320 lm	80 lm/W	40mA	>83	4000K	50000
LPCOB-04FS01-YR	4W	>0.5	320 lm	80 lm/W	40mA	>83	6500K	50000



Technical specifications

On/Off Cycles	100,000
Color Tolerance Adjustment (SDCM)	<6
IP	44
Class	II
LED Driver	DOB
LED Beads	COB S13-7.5 3S2P DC9V/300MA
Housing Color	Black/White
Pressure Resistant	3000V
Wire Diameter and Material	0.75 m ² Copper Wire

Electrical Supply

Power Range	4W
Frequency (Hz)	50/60
Voltage (V)	100-240
AC/DC	AC
Input Current	40mA
Output Voltage	DC9V
Output Current	290mA

Initial Performance (IEC Compliant)

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

Lights Material

Housing Material	Die-Casting Aluminum
Optical Material	Lens

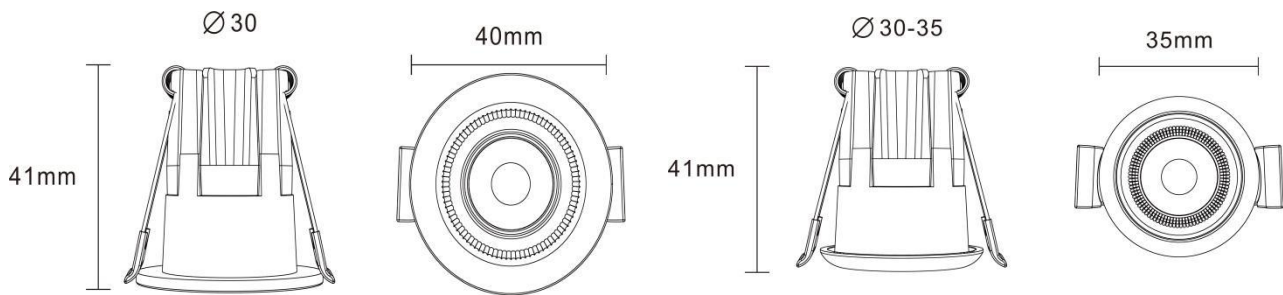
Temperature

Operating Temperature	-15°C ~ 50 °C
Testing Temperature	-20°C ~ 95 °C

Packing Data

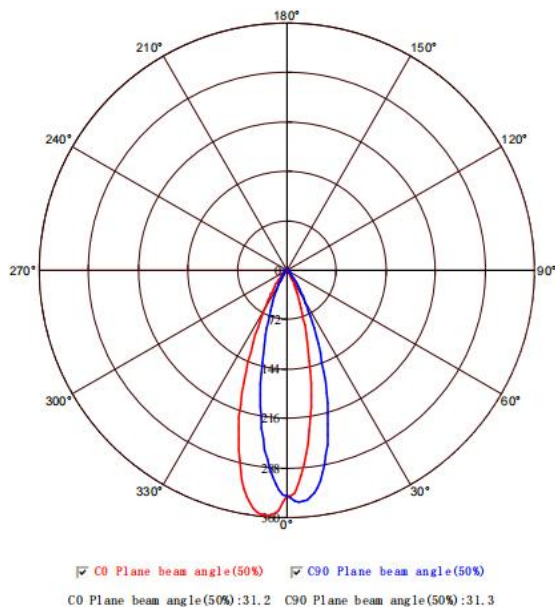
Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPCOB-04FS01-Y	100	4.6	3.8	27	24.5	28
LPCOB-04FS01-YR	100	4.6	3.8	27	24.5	28

Dimensional Drawing



Item No	Power	Diameter (mm)	Height (mm)	Cutout Size (mm)
LPCOB-04FS01-Y	4W	40	41	40
LPCOB-04FS01-YR	4W	35	41	30-35

Planar Intensity Distribution Curve



Average Illumination

