



Features

- ✓ IP20
- ✓ CRI>83
- ✓ UGR<19
- ✓ No Flicker
- ✓ Beam Angle Adjustable

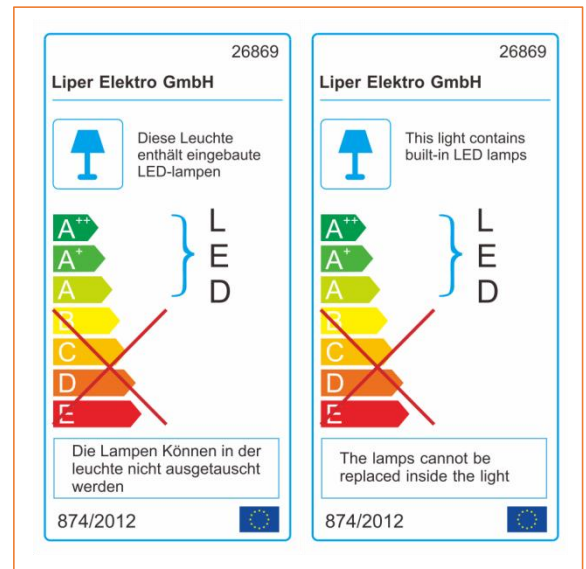
Benefits

- ✓ 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)
LPTRL-15E01	15W	>0.5	920-1050	70±10	120mA	>83	WW/CW/NW	50000
LPTRL-30E01	30W	>0.5	1950-2080	70±10	240mA	>83	WW/CW/NW	50000
LPTRL-15E02	15W	>0.5	920-1050	70±10	120mA	>83	WW/CW/NW	50000
LPTRL-30E02	30W	>0.5	1950-2080	70±10	240mA	>83	WW/CW/NW	50000



Technical specifications

On/Off Cycles	>100,000
Color Tolerance Adjustment (SDCM)	<6
IP	20
Class	II
LED Driver	External non-isolated power supply
LED Beads	COB 1919-17
Housing Color	White/Black
Pressure Resistant	3000V
Wire Diameter and Material	0.75 mm ² Copper Wire

Electrical Supply

Power Range	13.5-16.5W	27-33W
Frequency (Hz)	50/60	50/60
Voltage (V)	100-240	100-240
AC/DC	AC	AC
Input Current	120mA	240mA

Lights Material

Housing Material	Aluminium
Optical Material	Plastic

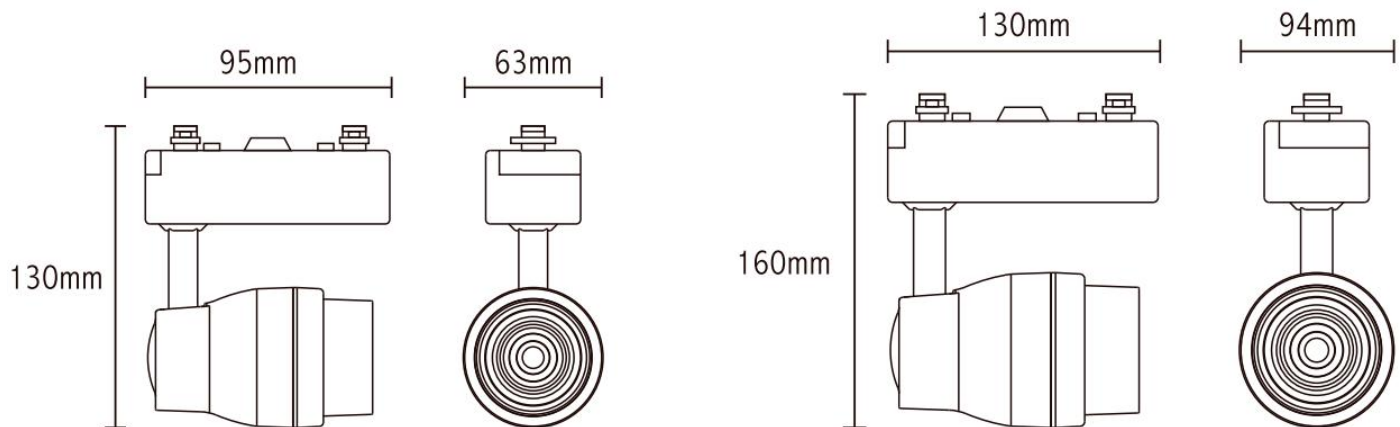
Temperature

Operating Temperature	-15°C ~ 50 °C
Testing Temperature	-20°C ~ 90 °C

Packing Data

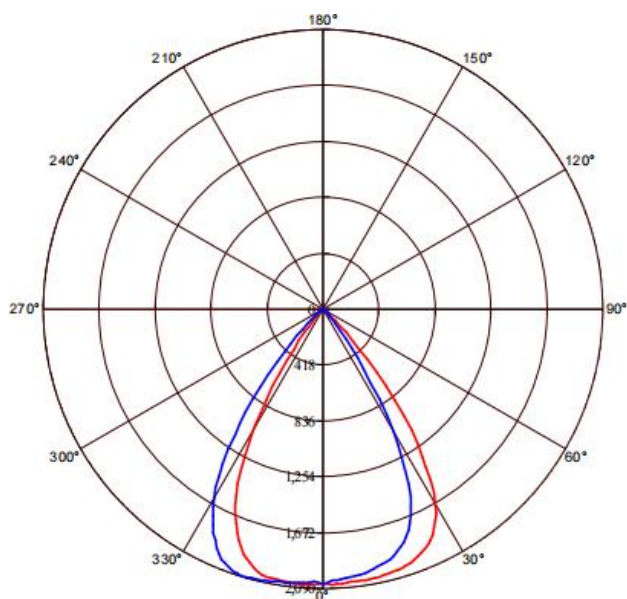
Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LPTRL-15E01	48	13.8	11.5	55	29.5	32
LPTRL-30E01	16	11.2	9.6	42	29	34.5

Dimensional Drawing



Item No	Power	Length (mm)	Width (mm)	Height (mm)
LPTRL-15E01	15W	130	63	95
LPTRL-30E01	30W	160	94	130

Planar Intensity Distribution Curve



☒ C0 Plane beam angle(50%) ☒ C90 Plane beam angle(50%)
 C0 Plane beam angle(50%):65.6 C90 Plane beam angle(50%):65.3

Average Illumination

