



Up-shine<sup>®</sup> Lighting



# Technical Application Guide for UP SHINE LED Track Light

UP-TL02-35W

# Introduction



Up-shine track light adopts CREE LEDs with excellent color rendering index to increase the color fidelity of the target illuminated object. Providing excellent heat dissipation, even light output without glare & dark spot. Adjustable lighting orientation with 360 degree in horizontal direction and 180 in vertical direction provided. 1-circuit adapter, 3-circuit adapter offered for wide choice.

- Up to 70% energy saving compared to standard CFL
- Long lifetime of 40,000 hours
- 15°/24°/45°/60° beam angle
- CCT: 2700K 3000K  
4000K 5000K
- No UV/IR light
- Environment friendly, without Mercury or any other hazardous substances

## Application notes

- IP20 for indoor use only
- Professional electrician for installation only
- Switch off before installation
- Do not touch when in use
- Keep away from hot steam and corrosive gas

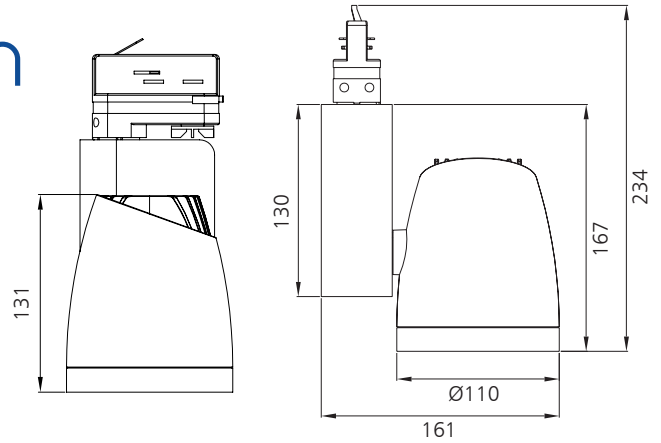
## Application Areas

It is suitable for supermarket, specialty store, show window, exhibition hall; focus lighting, decorative and background lighting, where attention is focused on subjects to emphasize special visual points.

## Certificate



# Product Information



## Technical Specifications

Model	Voltage	Power	Power Factor	Lumen (±5%)	Beam angle	CCT	Lifespan	CRI	Dimmable	Dimension
UP-TL02-35W	AC100-240V	35W	≥0.9	2850	15°/24°/45°/60°	2700K	40000h	≥80	No	161*110*234mm
UP-TL02-35W	AC100-240V	35W	≥0.9	3000	15°/24°/45°/60°	3000K	40000h	≥80	No	161*110*234mm
UP-TL02-35W	AC100-240V	35W	≥0.9	3300	15°/24°/45°/60°	4000K	40000h	≥80	No	161*110*234mm
UP-TL02-35W	AC100-240V	35W	≥0.9	3200	15°/24°/45°/60°	5000K	40000h	≥80	No	161*110*234mm

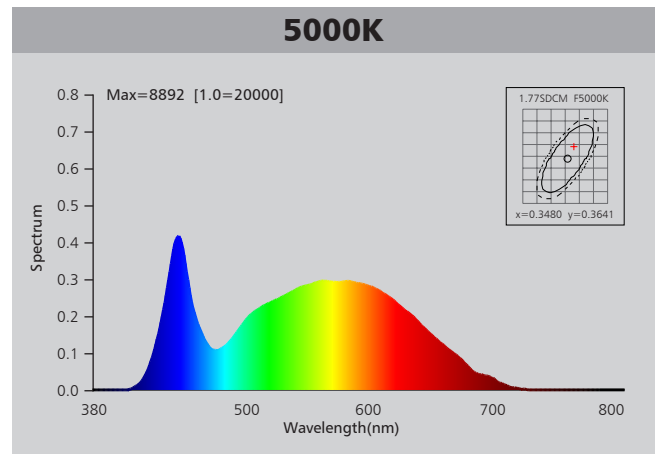
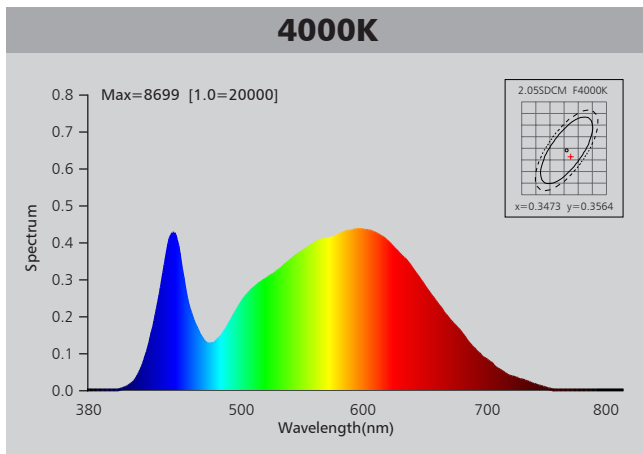
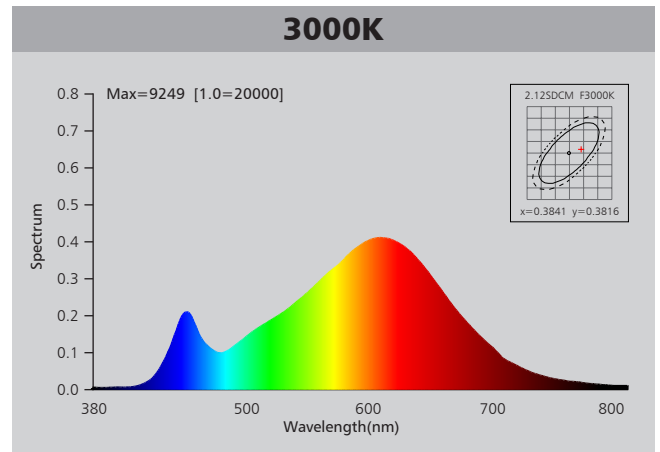
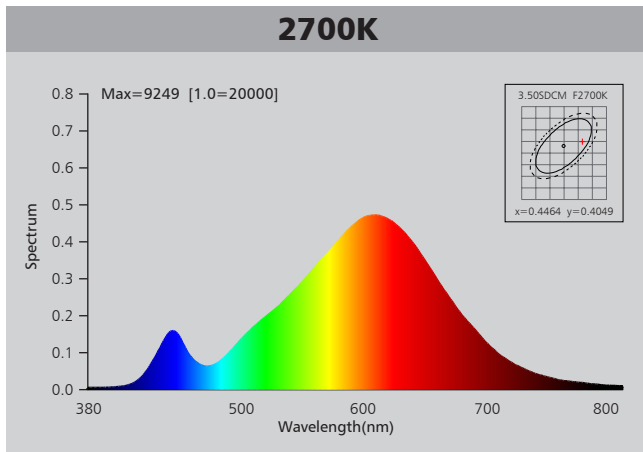
## Driver data Sheet

Driver data	Non-dim
Input rated Voltage	AC100-240V
Frequency	50/60HZ
Input Voltage	AC85-265V
Efficiency	≥86%
Total load Wattage	35W±5%
Power Factor	≥0.9
Rated input current	≤0.4A
Full load output Voltage	DC23-39V
Rated output current	820mA
Output current range	820mA±5%
Tolerance	±5%
Current output tolerance	±5%
Short circuit protection	PASS
Over voltage protection	PASS
Over temperature protection	PASS
Withstand voltage	AC1500V

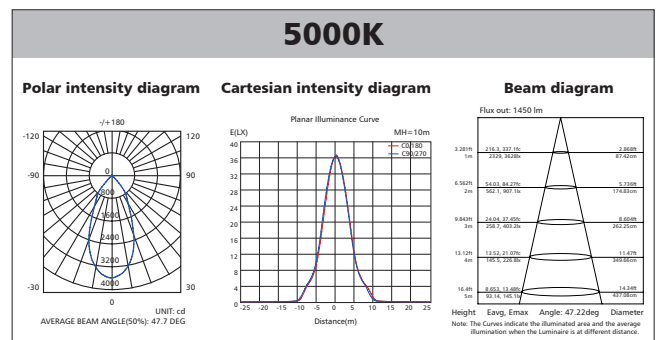
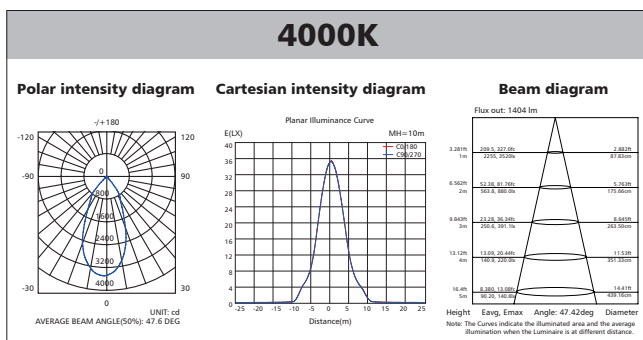
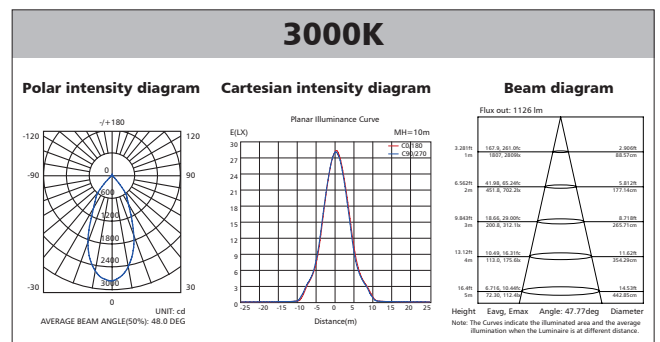
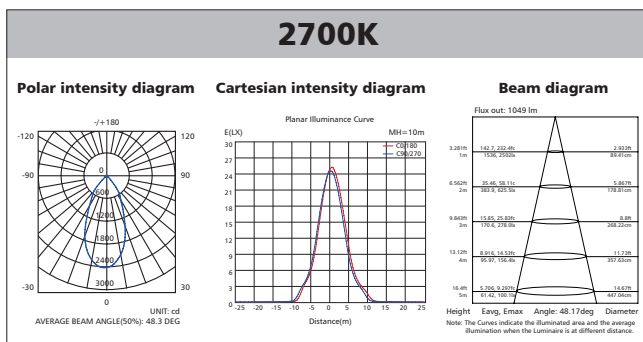
## Fixture Compatibility

Rated Wattage	Electrical Classification	Ingress Protection	Operating Temp	Operating Humidity	Storage Temp
35W	I	IP20	-20°C~45°C	0~90%	-20°C~65°C

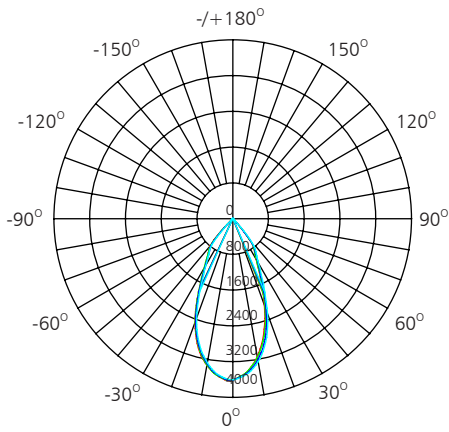
# Spectral Distribution



# Photometric Diagram



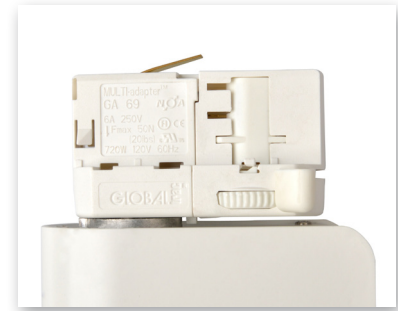
# Polar Diagram Comparison



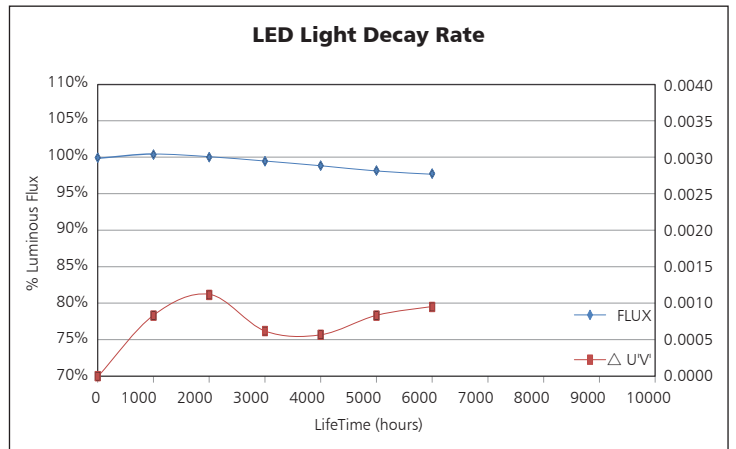
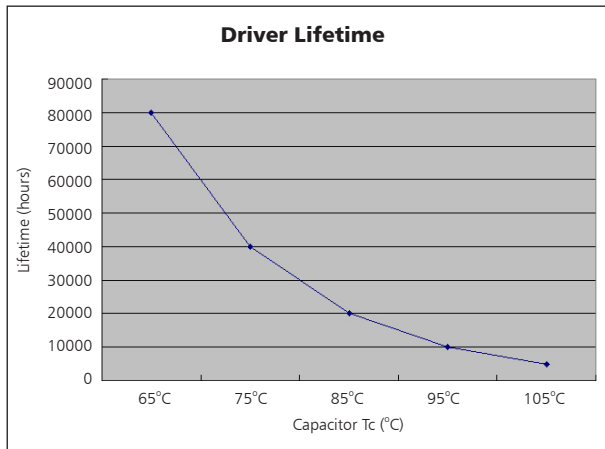
**UNIT: cd**

- C0/180, 47.2 deg
- C30/210, 47.6 deg
- C60/240, 47.9 deg
- C90/270, 48.0 deg

AVERAGE BEAM ANGLE (50%): 47.7DEG

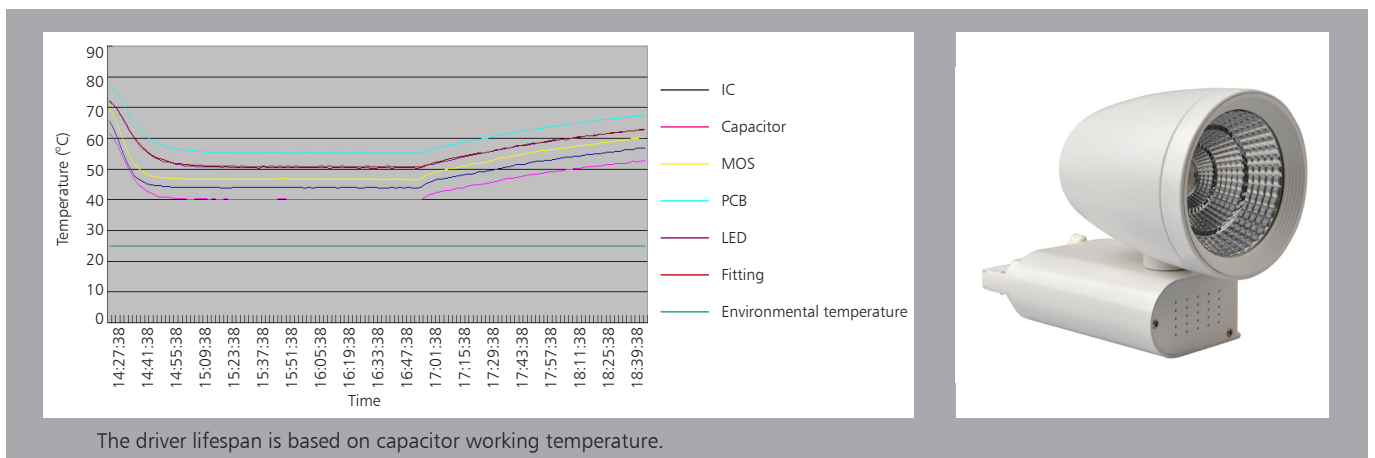


# Driver lifetime & LED light decay rate



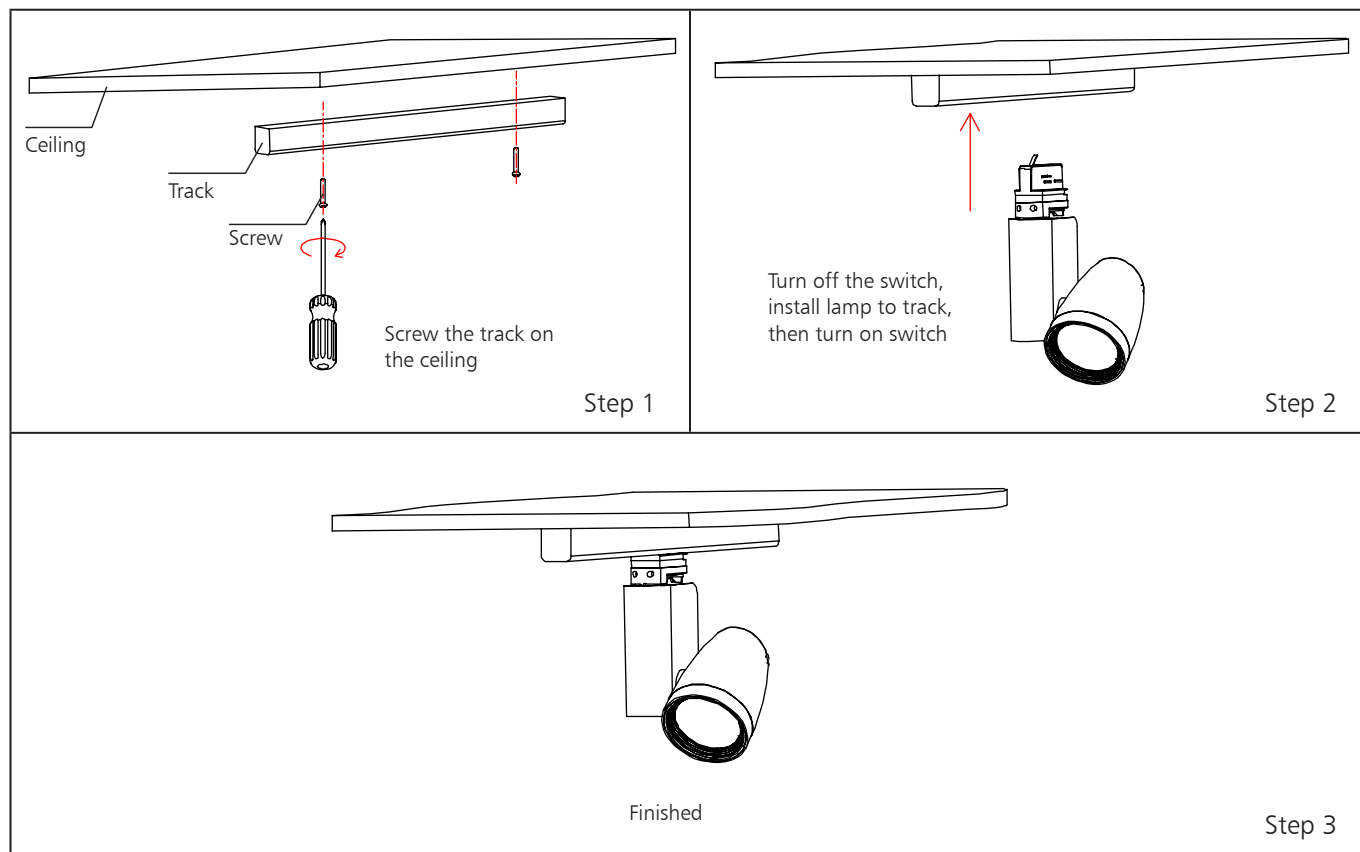
# Temperature

- The testing is operated at 25°C
- The lifetime of capacitor, minimum of 5,000 hours if operated at 105°C, will be doubled whenever the temperature drops 10°C.
- The highest withstand temperature of IC, MOS could be 120°C
- The highest withstand temperature of LED junction temperature is 150°C



The driver lifespan is based on capacitor working temperature.

## Installation



## Packaging Information

	SIZE(CM)	N.W/pc (KGS)	G.W.(KGS)	Q'TY(PCS)
Carton	56*40.5*28.5	1.3	13.6	8

	CTNS	Q'TY(PCS)	VOLUME(CBM)
20" standard container	430	3440	28
40" standard container	860	6880	56

