



UPSHINE®



Technical Application
Guide for UP SHINE
LED Track Light

UP-TL25B-35W

Introduction



LED 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 350 degree in horizontal direction and 90 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 50,000 hours
- 15°/24°/36° 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

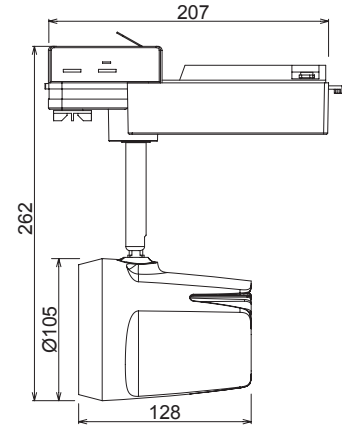
It is suitable for supermarket, specialty store, show window, exhibition hall; focus lighting, decorative and background lighting, where attention is focused on subjects to emphasize special visual points.

Certificate

CE RoHS SAA



Product Information



Technical Specifications

| Model | Voltage | Power | Power Factor | Lumen (±5%) | Beam angle | CCT | Lifespan | CRI | Dimmable | Dimension |
|--------------|---------|-------|--------------|-------------|-------------|-------|----------|-----|----------|---------------|
| UP-TL25B-35W | AC230V | 35W | ≥0.9 | 3080 | 15°/24°/36° | 2700K | 50,000h | ≥80 | No | 207*105*262mm |
| UP-TL25B-35W | AC230V | 35W | ≥0.9 | 3220 | 15°/24°/36° | 3000K | 50,000h | ≥80 | No | 207*105*262mm |
| UP-TL25B-35W | AC230V | 35W | ≥0.9 | 3290 | 15°/24°/36° | 4000K | 50,000h | ≥80 | No | 207*105*262mm |
| UP-TL25B-35W | AC230V | 35W | ≥0.9 | 3450 | 15°/24°/36° | 5000K | 50,000h | ≥80 | No | 207*105*262mm |

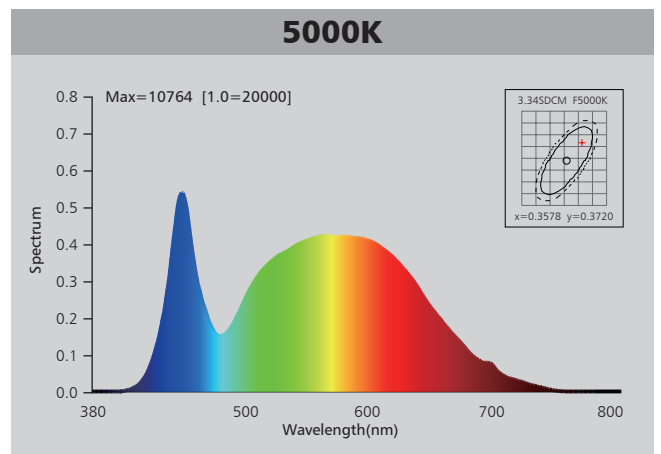
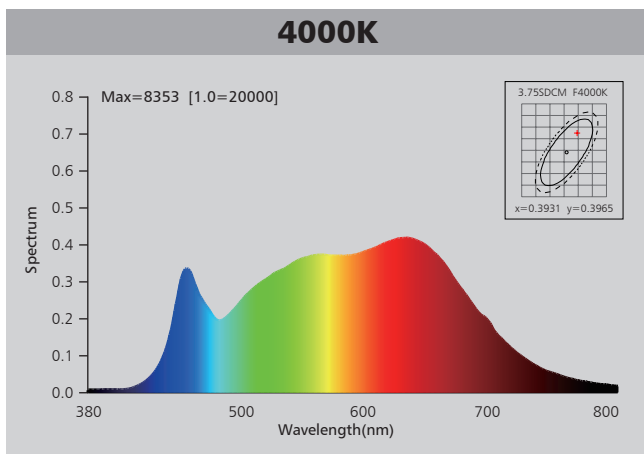
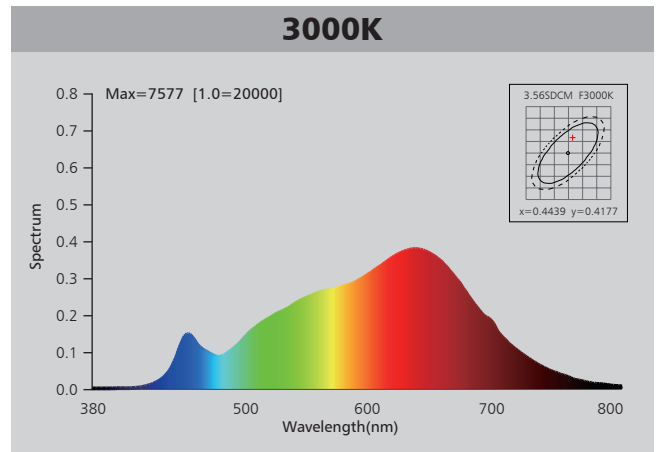
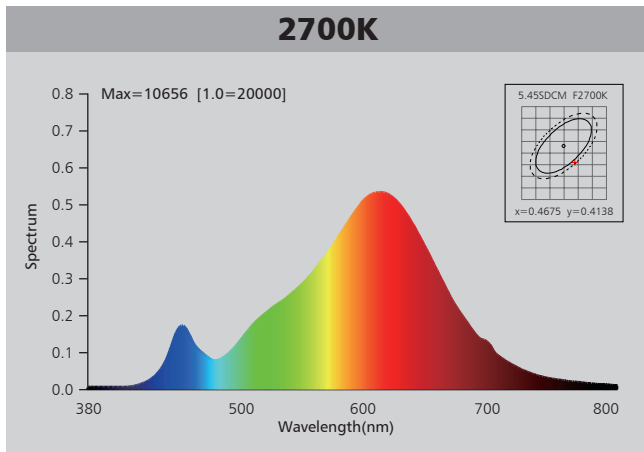
Driver data Sheet

| Driver data | Non dim |
|-----------------------------|------------|
| Input rated Voltage | AC230V |
| Frequency | 50/60Hz |
| Input Voltage | AC220-240V |
| Efficiency | ≥86% |
| Total load Wattage | 35W±5% |
| Power Factor | ≥0.9 |
| Rated input current | ≤0.2A |
| Full load output Voltage | DC27-40V |
| Rated output current | 800mA |
| Output current range | 800mA±5% |
| Power tolerance | ±5% |
| Current output tolerance | ±5% |
| Short circuit protection | PASS |
| Over voltage protection | PASS |
| Over temperature protection | PASS |
| THD | ≤18% |
| Withstand voltage | AC1500V |

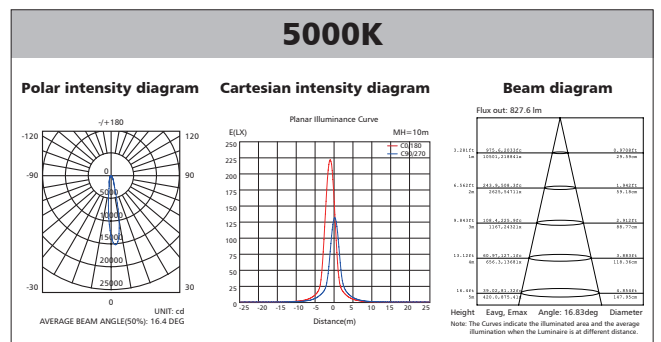
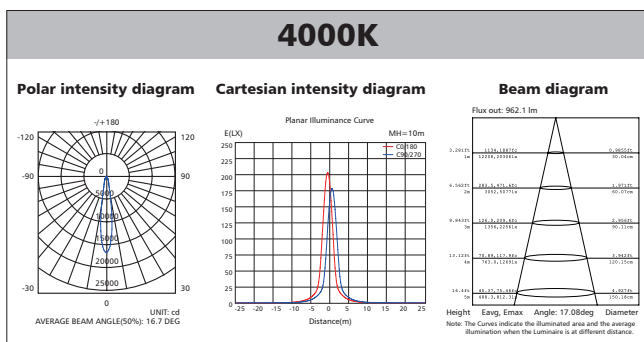
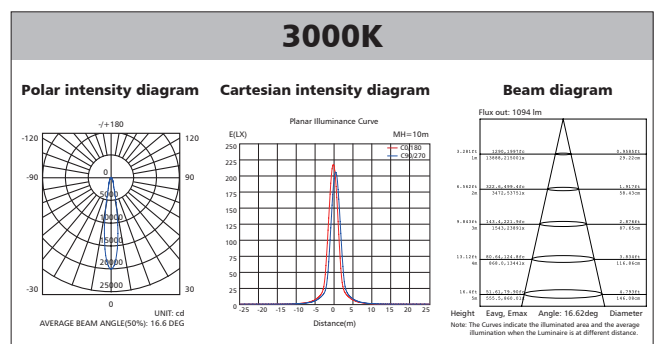
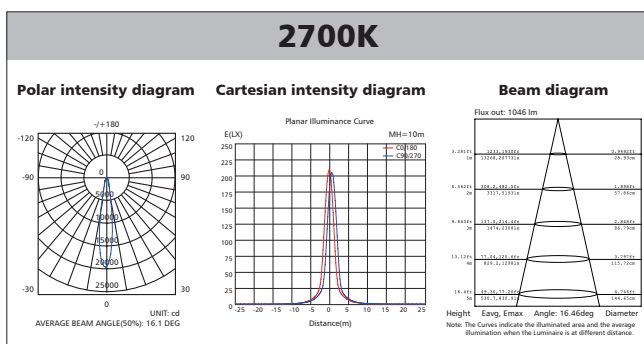
Fixture Compatibility

| 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 |

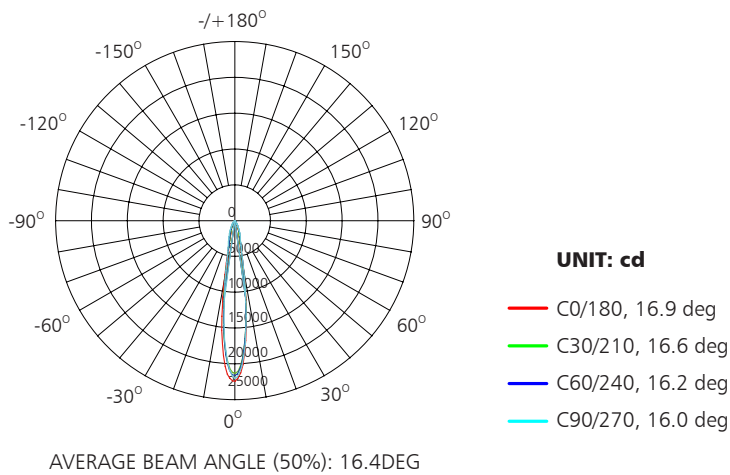
Spectral Distribution



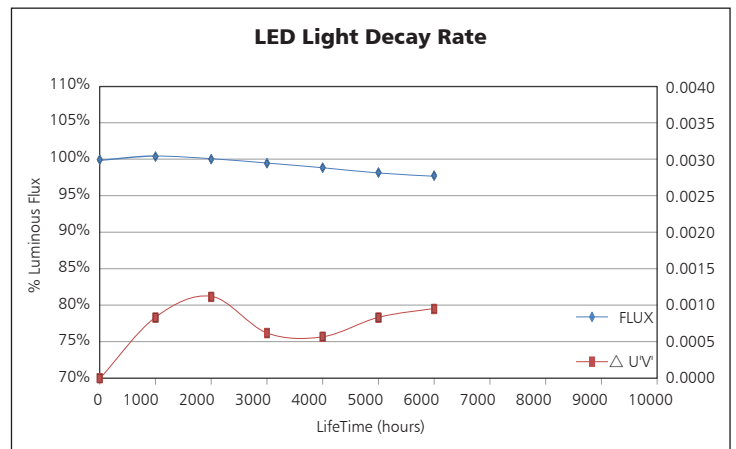
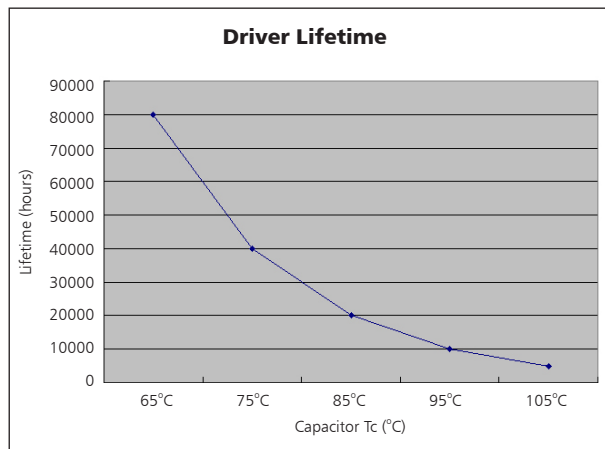
Photometric Diagram



Polar Diagram Comparison

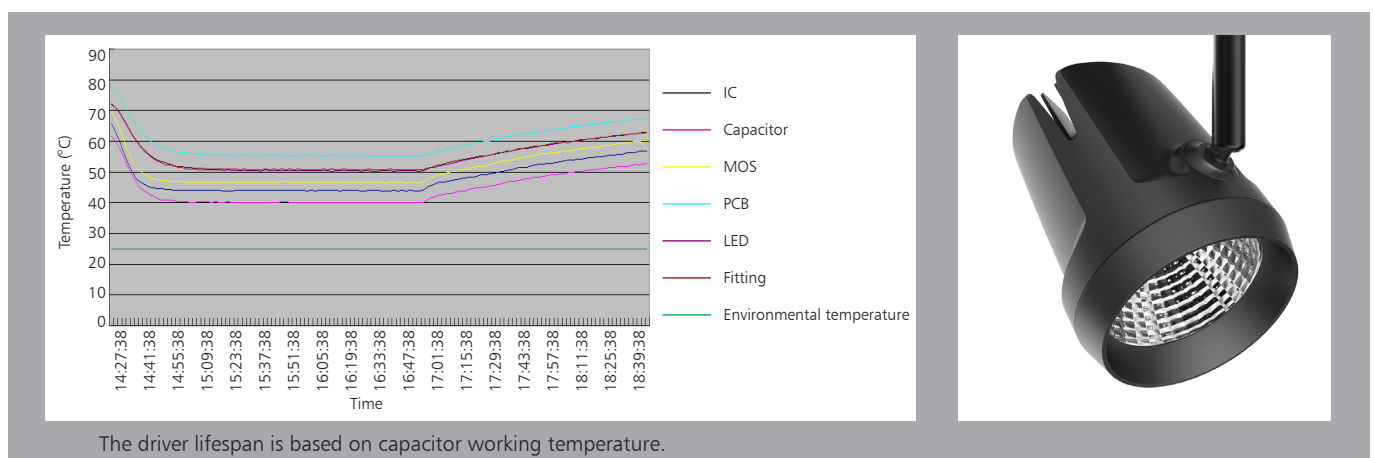


Driver lifetime & LED light decay rate



Temperature

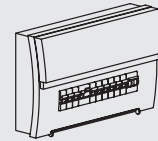
- The testing is operated at 25°C
- The lifetime of capacitor, minimum of 5,000 hours if operated at 105°C, will be doubled whenever the temperature drops 10°C.
- The highest withstand temperature of IC, MOS could be 120°C
- The highest withstand temperature of LED junction temperature is 150°C



Installation Procedure

WARNING

1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.

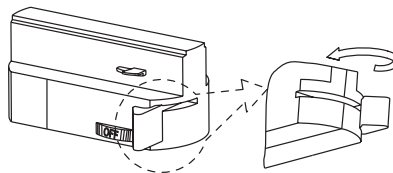


Step 1

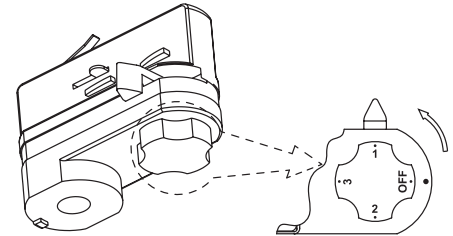
Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

Step 2

Prior to locating Adaptor into Track Section make sure it is set in the 'OFF' position & 'Locking Lever' is set in the position shown.



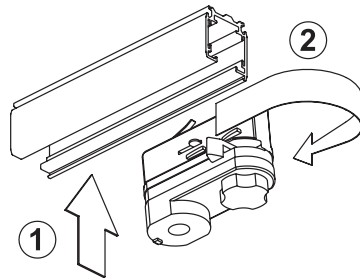
2-wires, 3-wires adaptor



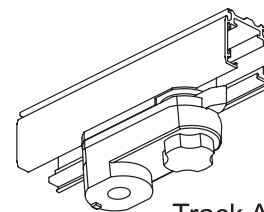
4-wires adaptor

Step 3

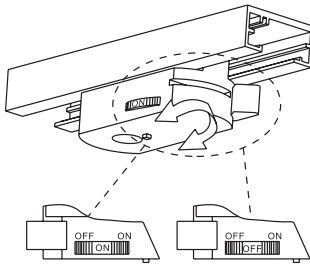
Locate Track Adaptor into Track Section (1) & lock into position by turning 'Locking Lever' 90°(2)



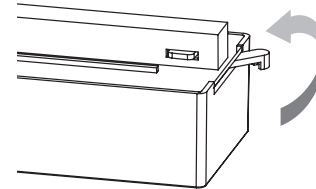
Track Section



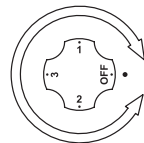
Track Adaptor shown locked into Track Section



2-wires, 3-wires control luminaires in same circuit by ON/OFF switch.



Lock the driver box into track section by turning "Locking Lever" clockwise.



4-wires Turn clockwise or anti-clockwise.

Packaging Information

| | SIZE(CM) | N.W/pc (KGS) | G.W.(KGS) | Q'TY(PCS) |
|--------|------------|--------------|-----------|-----------|
| Carton | 53*49*44.5 | 0.92 | 13.2 | 12 |

| | CTNS | Q'TY(PCS) | VOLUME(CBM) |
|------------------------|------|-----------|-------------|
| 20" standard container | 240 | 2880 | 28 |
| 40" standard container | 480 | 5760 | 56 |

