



UPSHINE®



10°



manual zoom



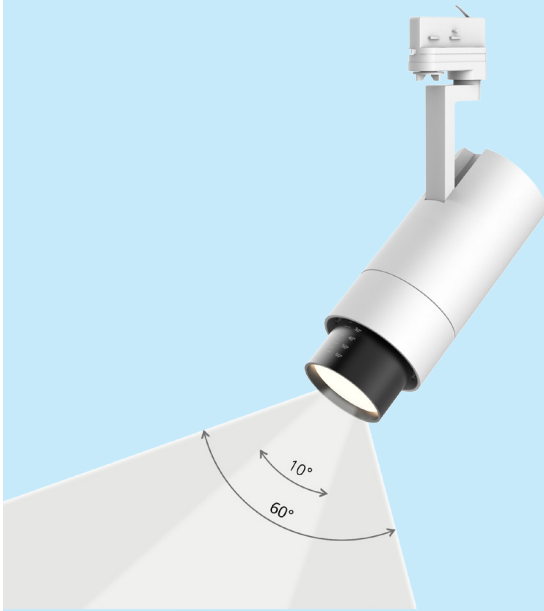
60°

# Technical Application Guide for UP-SHINE LED Track Light

UP-TL17A-35W

UP-TL17A-35W-D

# Introduction



With an adjustable beam angle, TL17 LED track light plays a leading role in adopting a manual zoom stretch head. One track light with flexible beam angle varies from 10° to 60°, creating a diversified and dramatic atmosphere for targeted objects in different accent lighting situations. Smooth beam angle changing with extremely uniform light, no dark spot or shadow. Changeable lighting orientation with 320° in horizontal direction and 0-90° in vertical direction.

- Up to 70% energy saving compared to standard CFL
- Long lifetime of 40,000 hours
- 10°~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.

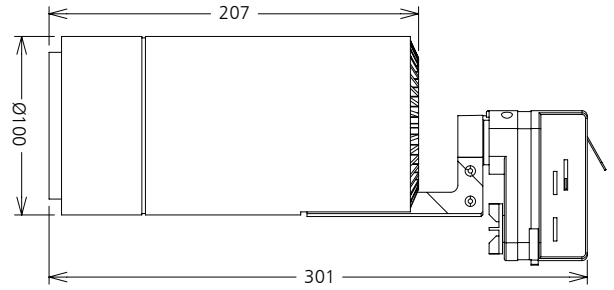
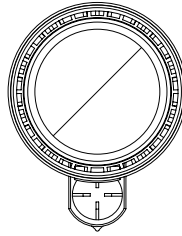
## Certificate

CE RoHS SAA

The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.



# Product Information



## Technical Specifications

Model	Voltage	Power	Power Factor	Lumen (±5%)	CCT	Beam angle	Lifespan	CRI	Dimmable	Dimension
UP-TL17A-35W	AC230V	35W	0.9	1600~3250	2700K	10°~60°	40,000h	≥80	No	Ø100*301mm
				1570~3270	3000K					
				1790~3720	4000K					
				1780~3600	5000K					
UP-TL17A-35W-D	AC230V	35W	0.9	1550~3170	2700K	10°~60°	40,000h	≥80	Yes	Ø100*301mm
				1630~3200	3000K					
				1750~3630	4000K					
				1740~3520	5000K					

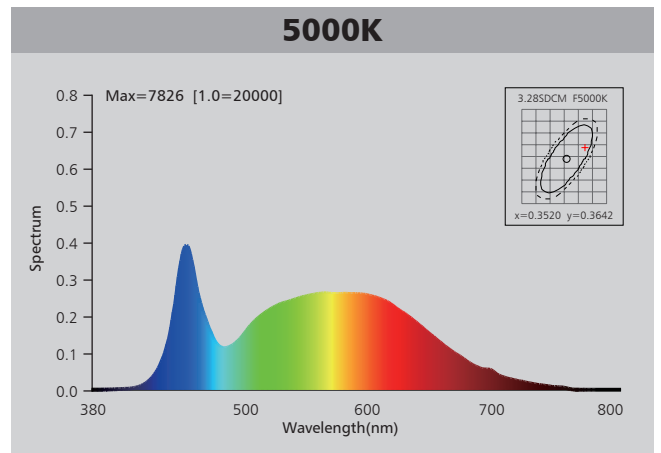
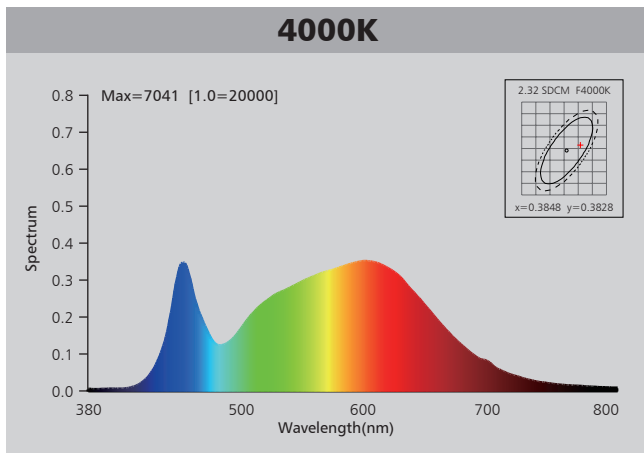
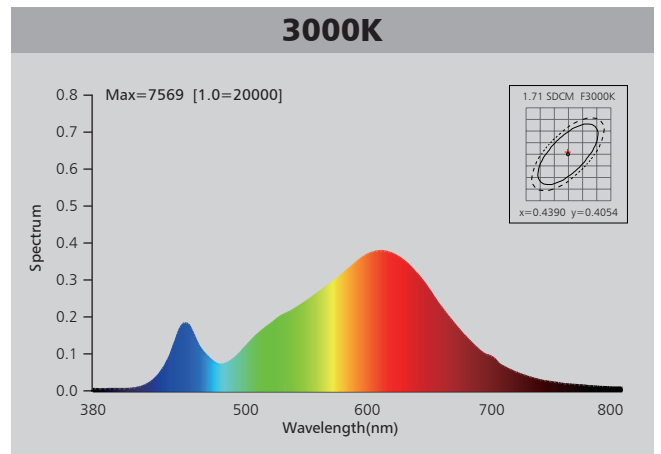
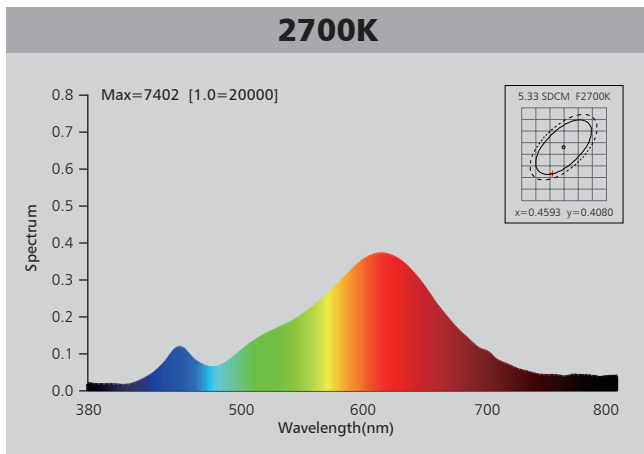
## Driver data Sheet

Driver data	DIM	Non dim
Input rated Voltage	AC230V	AC230V
Frequency	50Hz	50/60Hz
Input Voltage	AC200-240V	AC220-240V
Efficiency	≥83%	≥85%
Total load Wattage	35W±5%	35W±5%
Power Factor	0.9	0.9
Rated input current	≤0.2A	≤0.2A
Full load output Voltage	DC33-38V	DC23-39V
Rated output current	750mA	820mA
Output current range	750mA±5%	820mA±5%
Power tolerance	±5%	±5%
Current output tolerance	±5%	±5%
Dimming range	8%-100%	-
Dimmer	Triac dimmers	-
Short circuit protection	PASS	PASS
Over voltage protection	PASS	PASS
Over temperature protection	PASS	PASS
Withstand voltage	AC1500V	AC1500V

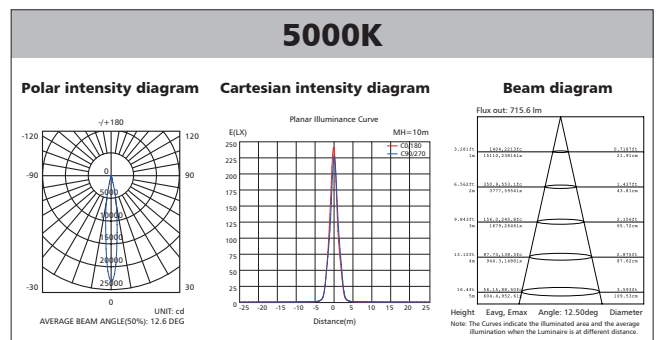
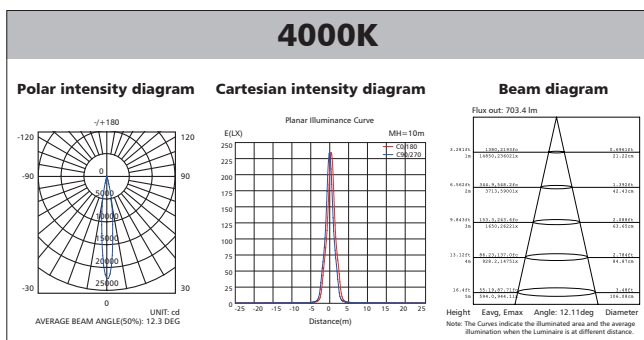
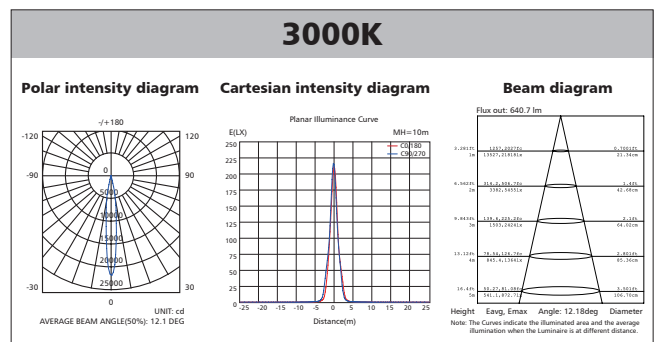
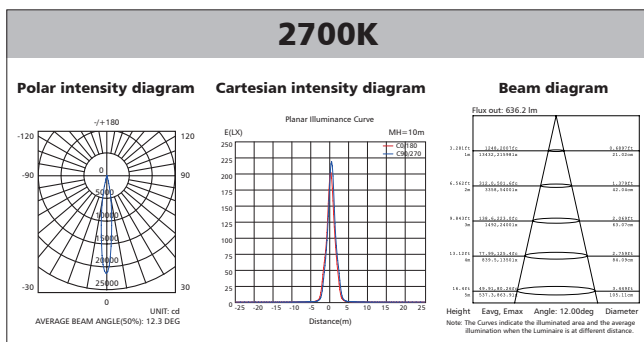
## Fixture Compatibility

Rated Wattage	Electrical Classification	Ingress Protection	Operating Temp	Operating Humidity	Storage Temp
35W	I	IP20	-20°C~40°C	0~90%	-20°C~65°C

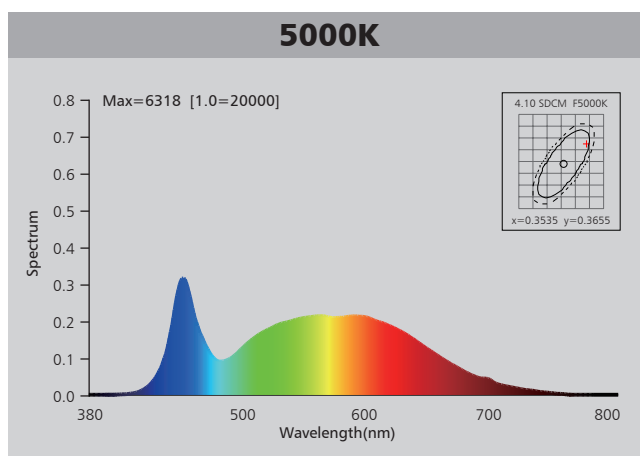
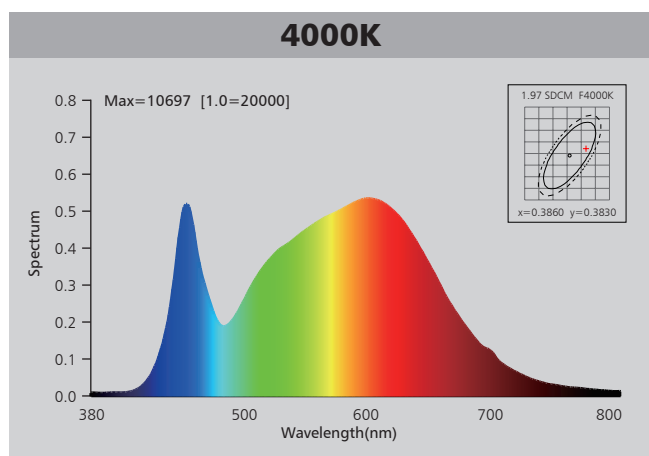
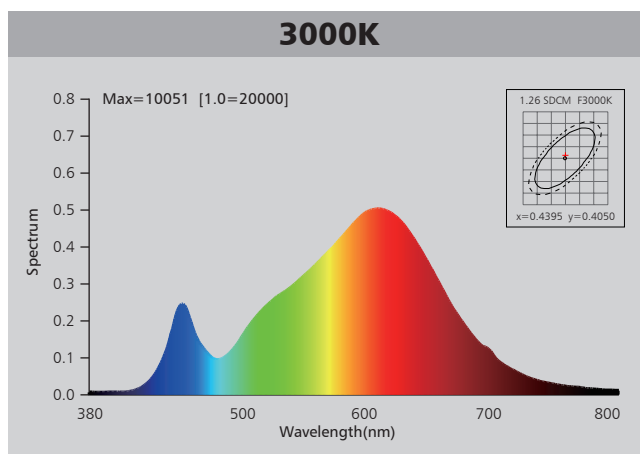
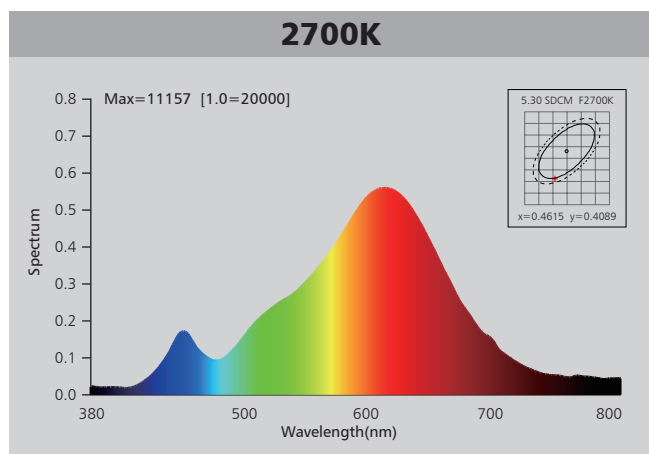
# Spectral Distribution (10°)



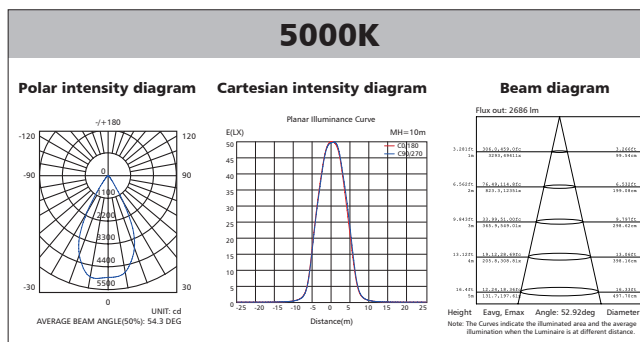
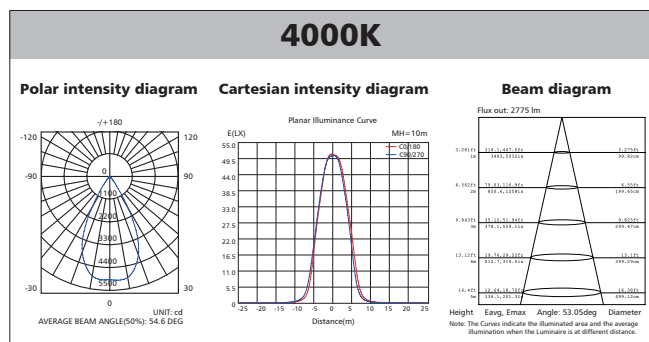
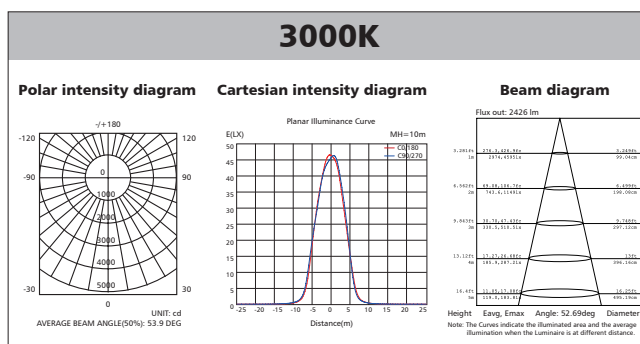
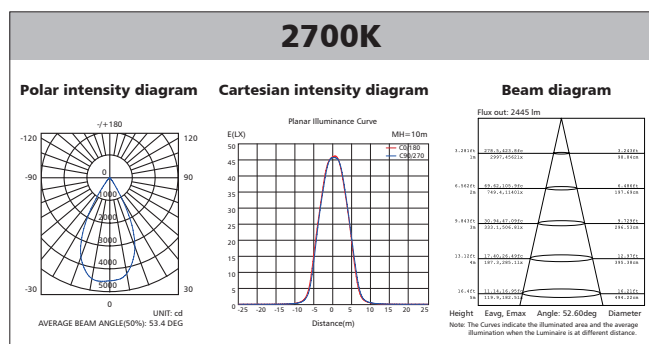
# Photometric Diagram (10°)



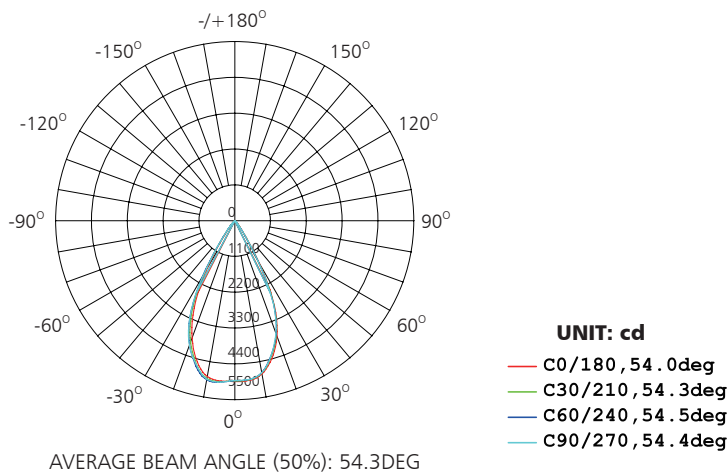
# Spectral Distribution (60°)



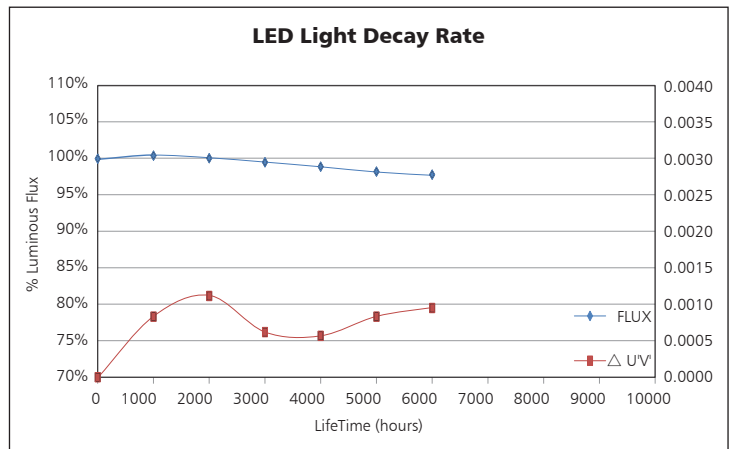
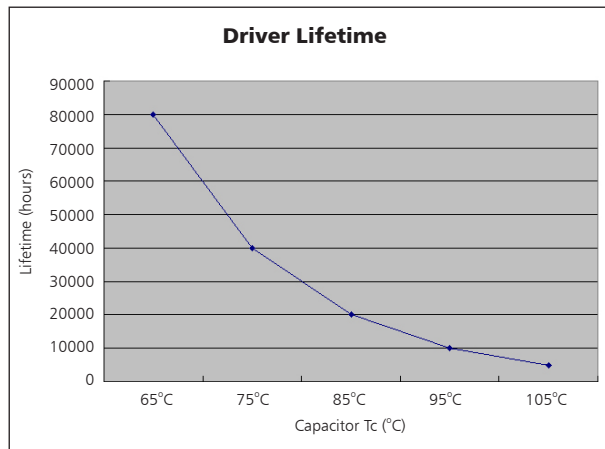
# Photometric Diagram (60°)



## Polar Diagram Comparison

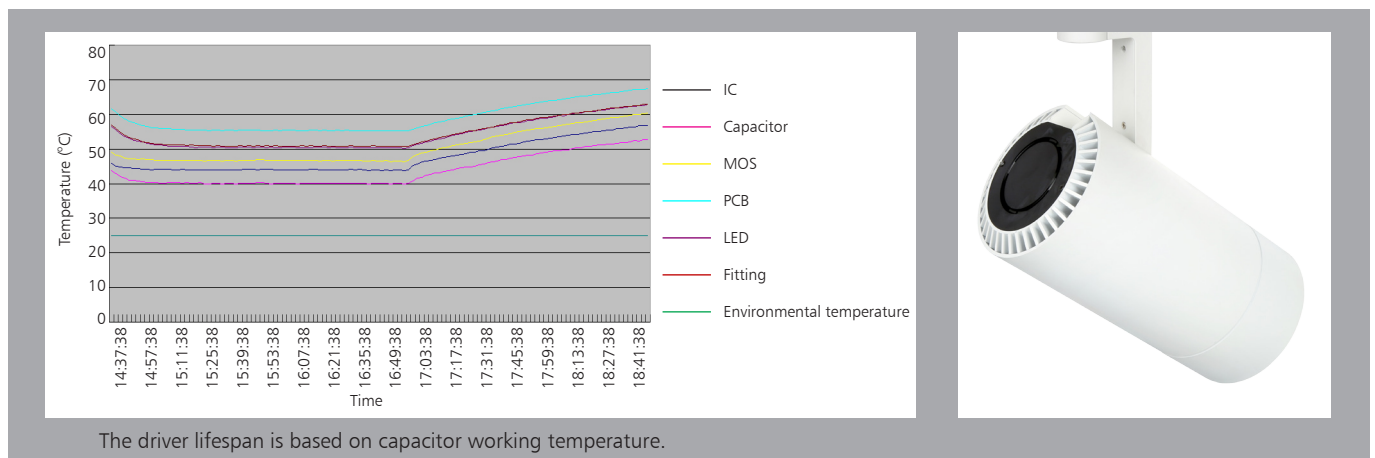


## Driver lifetime & LED light decay rate



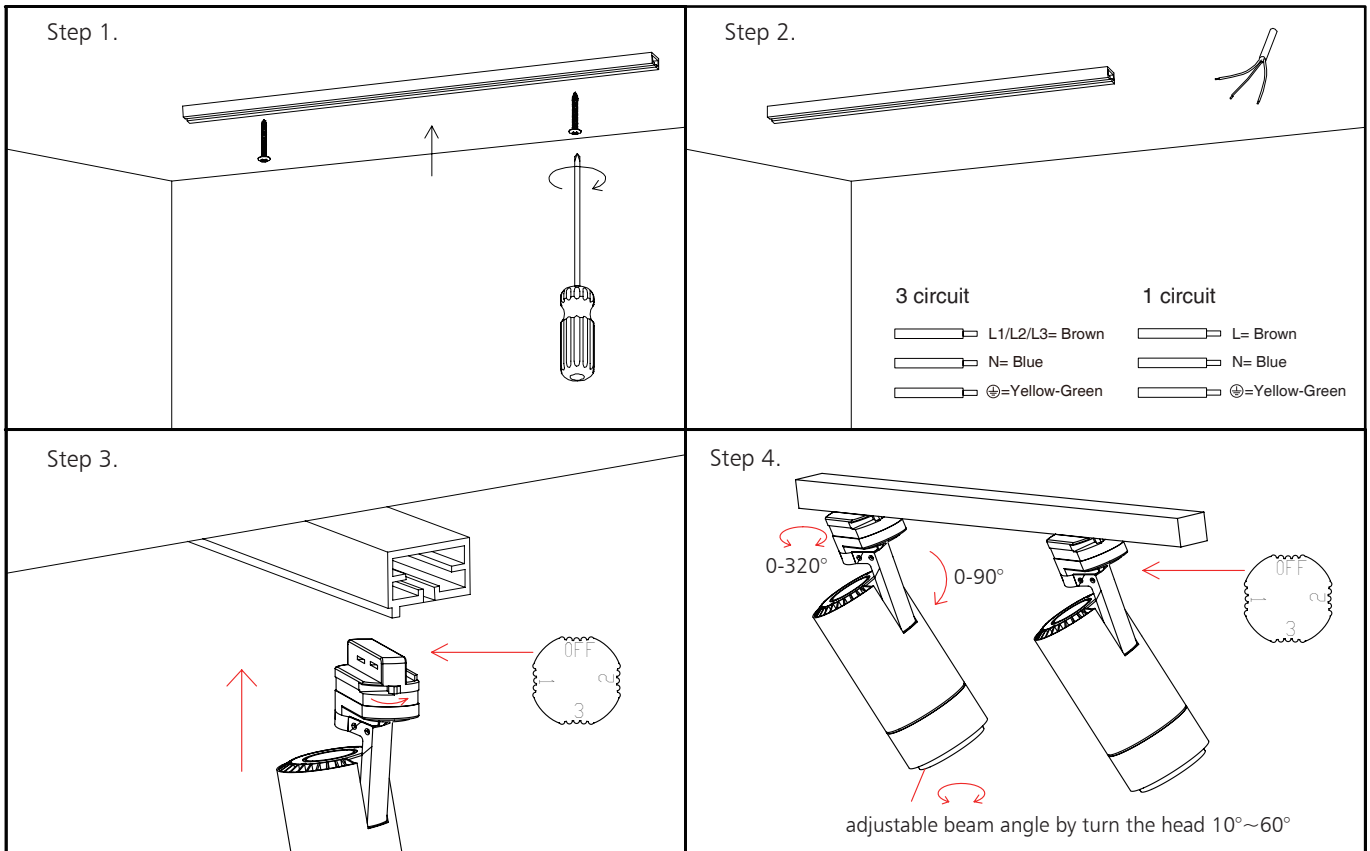
## Temperature

- 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. Working at 75°C or below, the lamp can achieve its maximum lifetime of 40,000 hours.
- The highest withstand temperature of IC, MOS could be 120°C
- The highest withstand temperature of LED junction temperature is 150°C

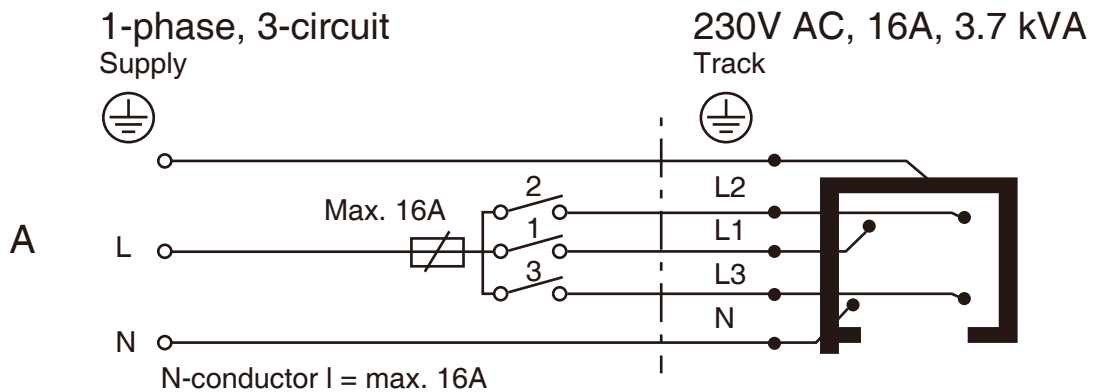


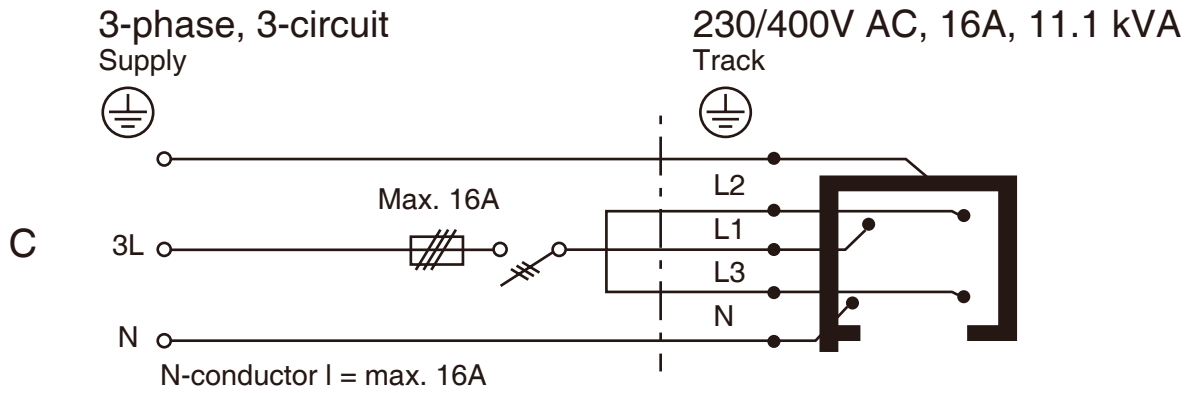
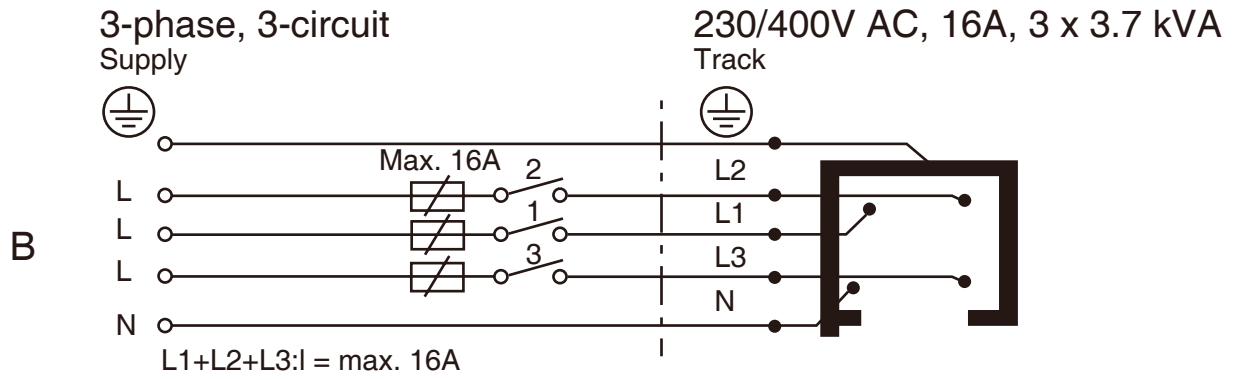
## Installation:

1. Switch off before installation, mount track to ceiling with mounting clips.
2. Connect track terminal block with "L", "N", "G" properly.
3. Insert fixture track adaptor into track making sure the two data bus contacts are on the same side as the data rail on the track. Follow 3 steps as below:
  - ① Align the adapter and contacts parallel with track
  - ② Pull down the latch on the adapter and insert the adapter into the track.  
(Note: Twist the adapter and ground contact toward the polarity groove.)
  - ③ Support the fixture with one hand and twist the adapter 1/4 turn till the latch locks into the track.
4. Adjust track light towards target object both vertically and horizontally. Switch on and test for correct operation.
5. Only to be installed outside arms reach



## Wiring Diagram:





## Packaging Information

	SIZE(CM)	N.W/pc (KGS)	G.W.(KGS)	Q'TY(PCS)
Carton	36.5*31*35	1.53	11.8	6

	CTNS	Q'TY(PCS)	VOLUME(CBM)
20" standard container	688	4128	28
40" standard container	1378	8268	56

