



Up-shine® Lighting



20°



manual zoom

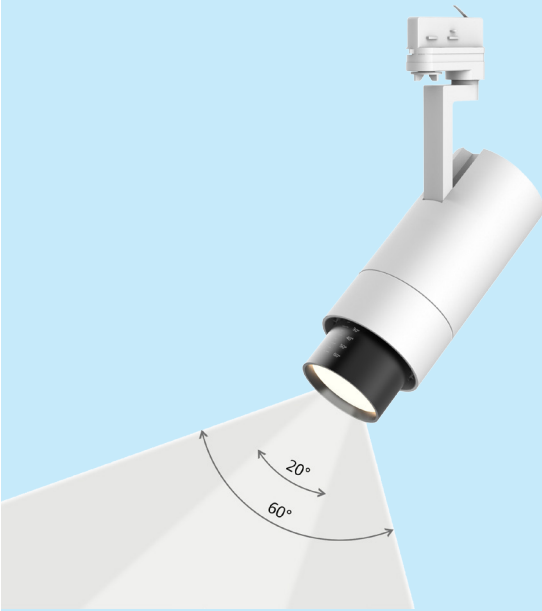


60°

Technical Application Guide for UP-SHINE LED Track Light

UP-TL17A-35W

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 angle varies from 20° 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
- 20°~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.

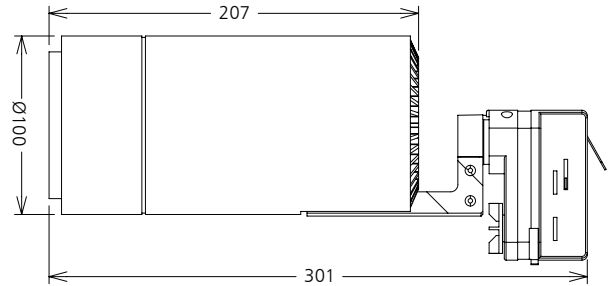
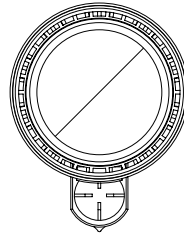
Certificate

CE **RoHS**

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%)	Beam angle	CCT	Lifespan	CRI	Dimmable	Dimension
UP-TL17A-35W	AC230V	35W	≥0.9	1600~2400	20°~60°	2700K	40000h	≥80	No	Ø100*301mm
UP-TL17A-35W	AC230V	35W	≥0.9	1900~2900	20°~60°	3000K	40000h	≥80	No	Ø100*301mm
UP-TL17A-35W	AC230V	35W	≥0.9	1950~3200	20°~60°	4000K	40000h	≥80	No	Ø100*301mm
UP-TL17A-35W	AC230V	35W	≥0.9	1900~3050	20°~60°	5000K	40000h	≥80	No	Ø100*301mm

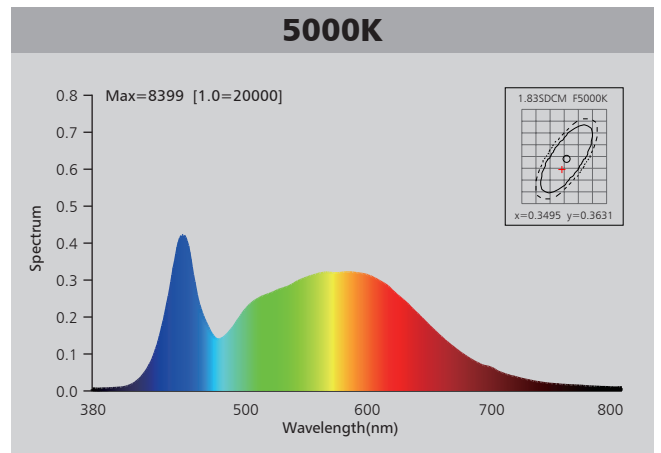
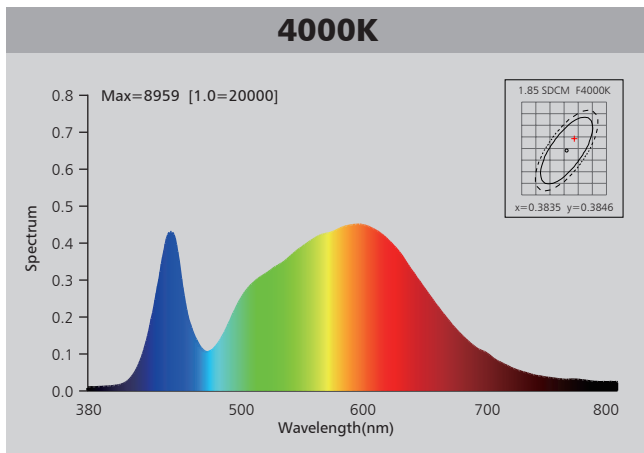
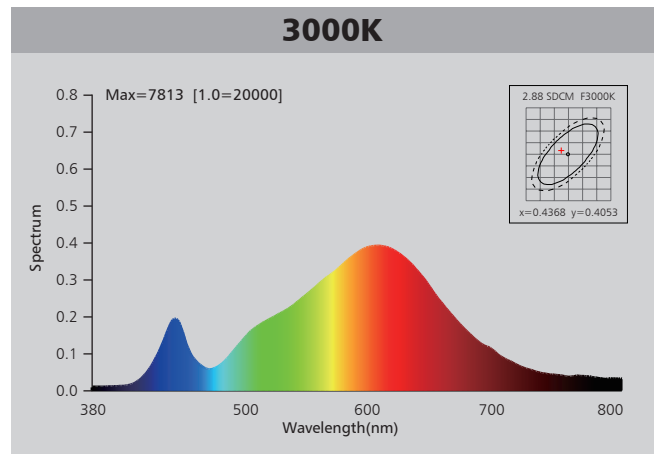
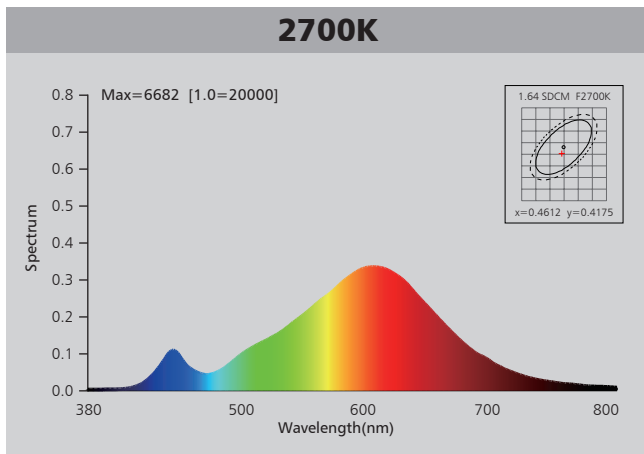
Driver data Sheet

Driver data	Non-dim
Input rated Voltage	AC230V
Frequency	50/60HZ
Input Voltage	AC220-240V
Efficiency	≥85%
Total load Wattage	35W±5%
Power Factor	≥0.9
Rated input current	≤0.18A
Full load output Voltage	DC23-39V
Rated output current	820mA
Output current range	820mA±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

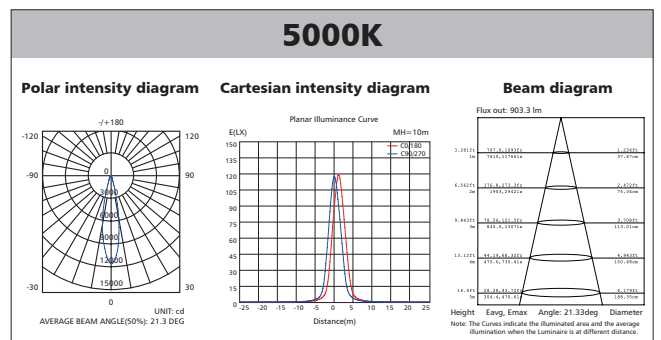
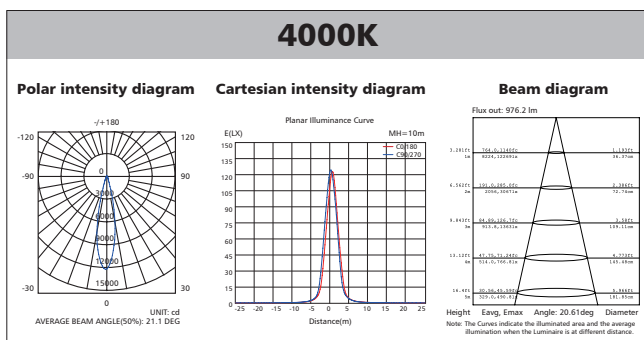
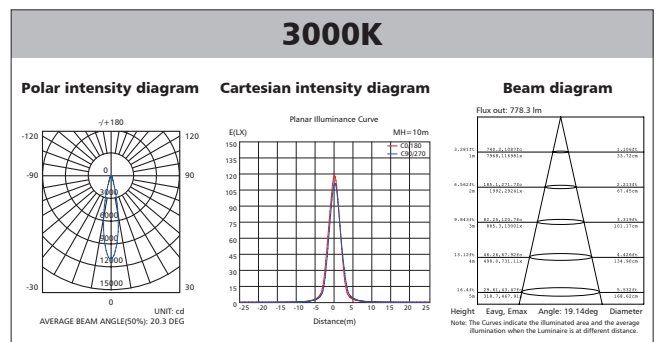
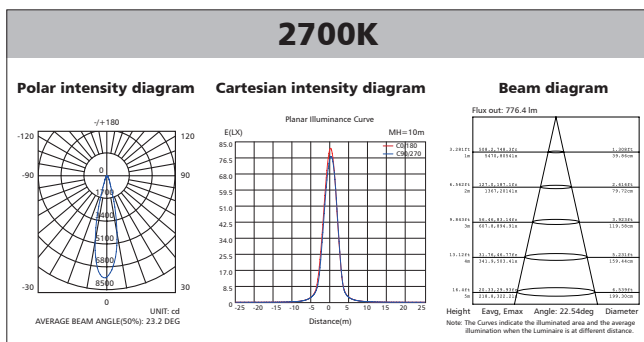
Fixture Compatibility

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

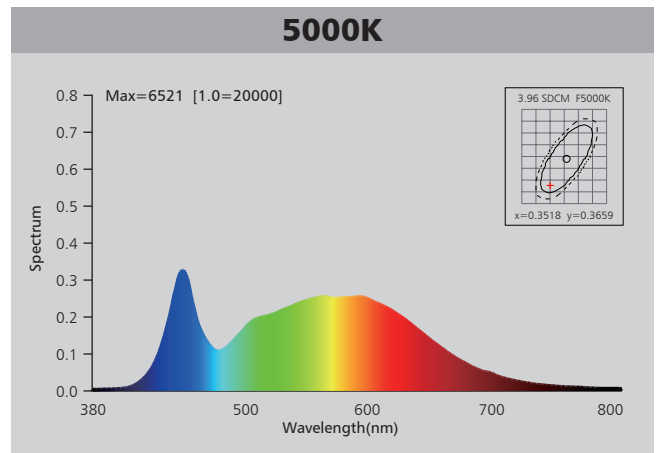
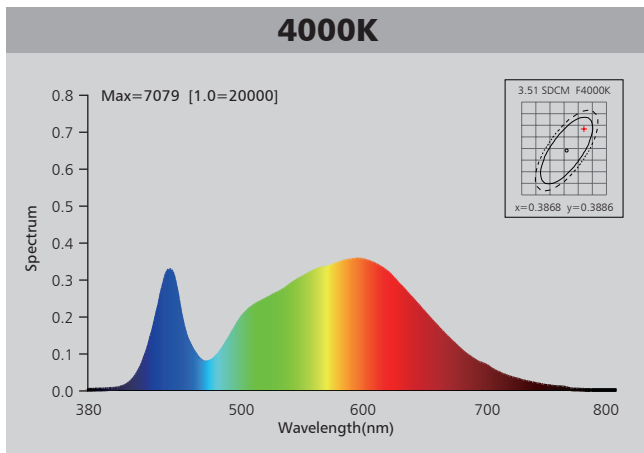
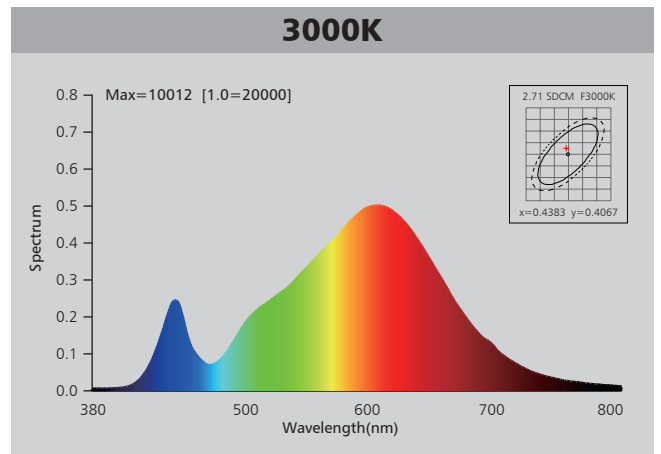
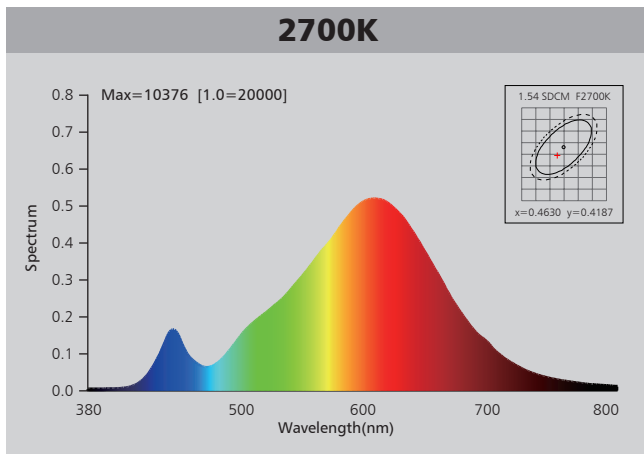
Spectral Distribution (20°)



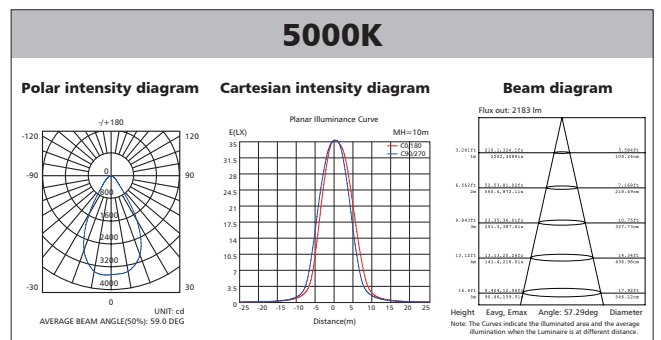
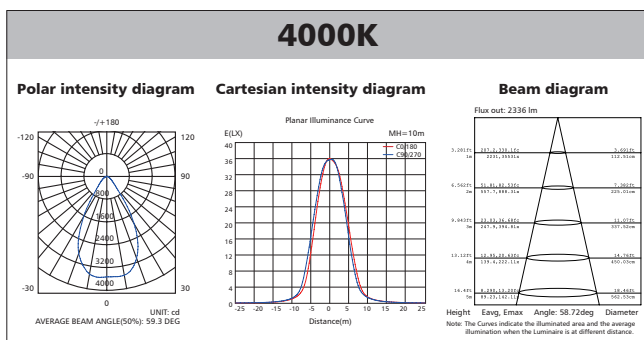
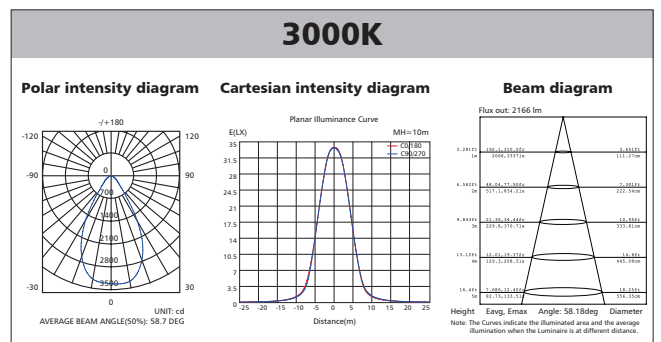
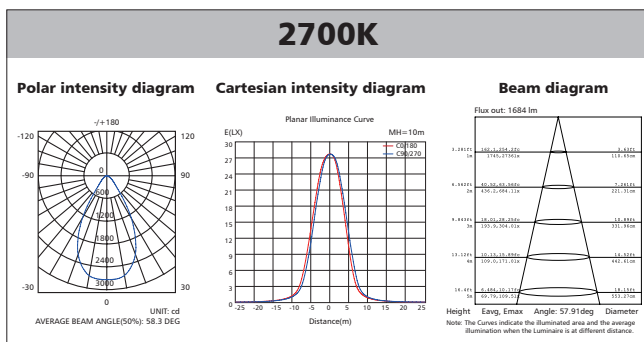
Photometric Diagram (20°)



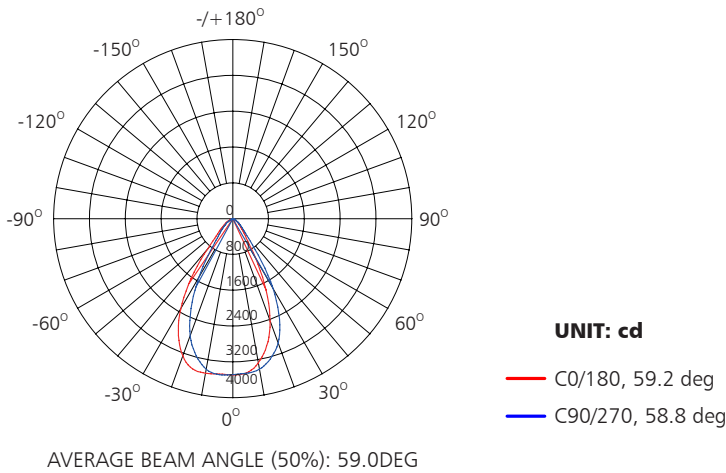
Spectral Distribution (60°)



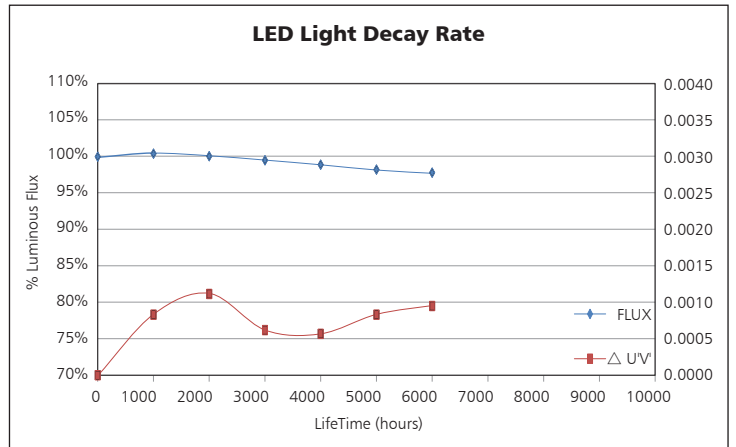
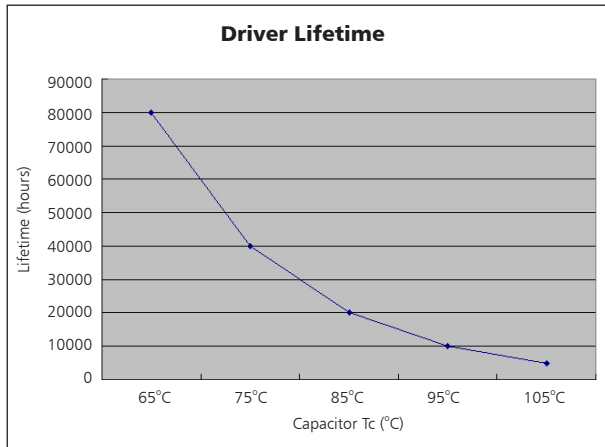
Photometric Diagram (60°)



Polar Diagram Comparison

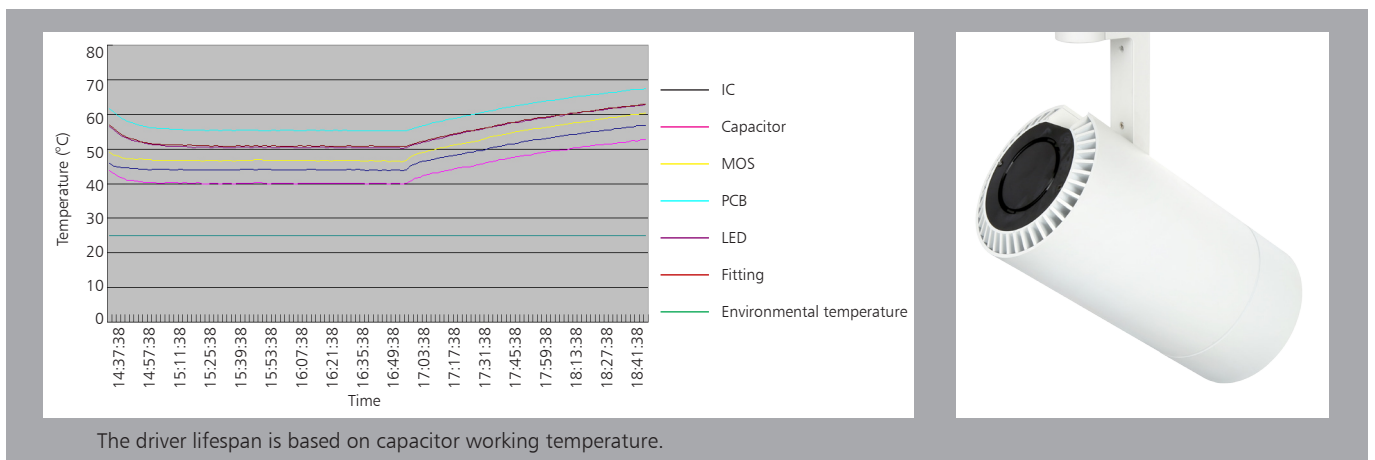


Driver lifetime & LED light decay rate



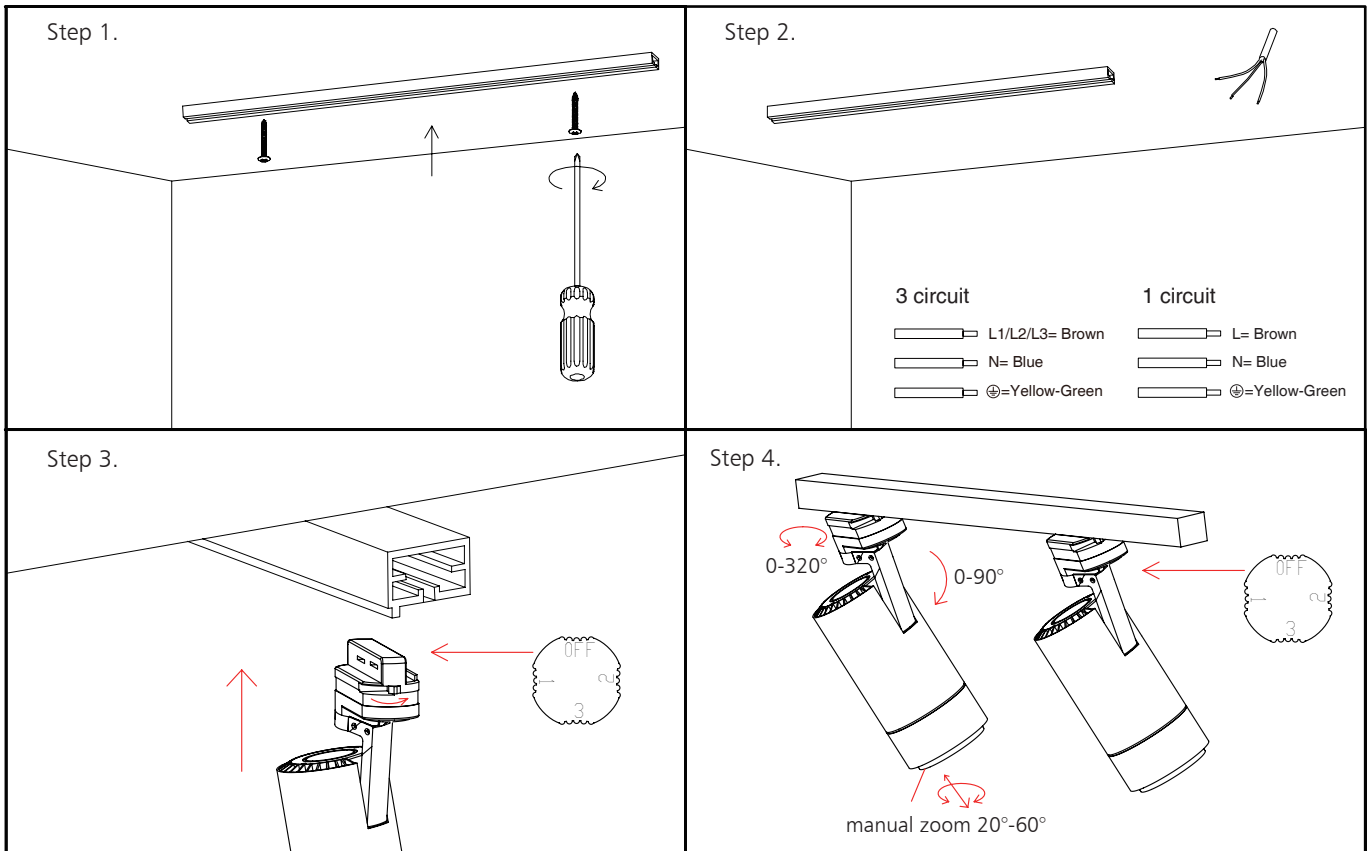
Temperature

- 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

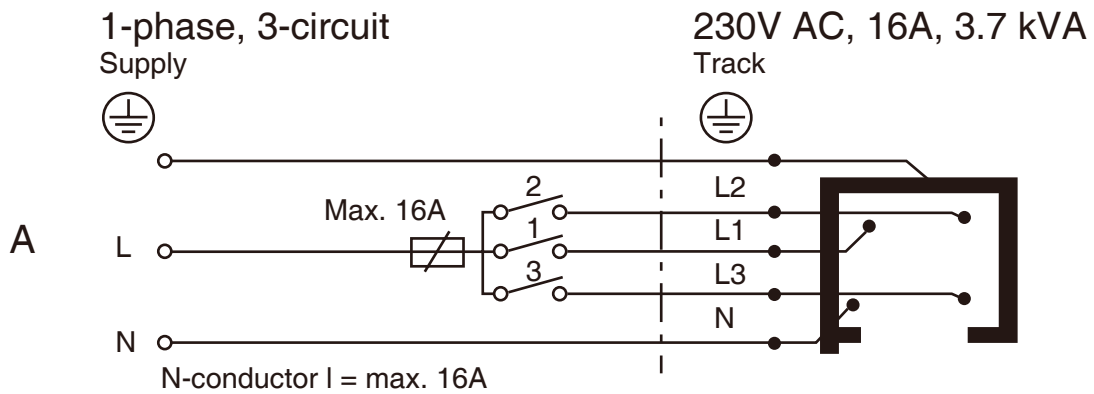


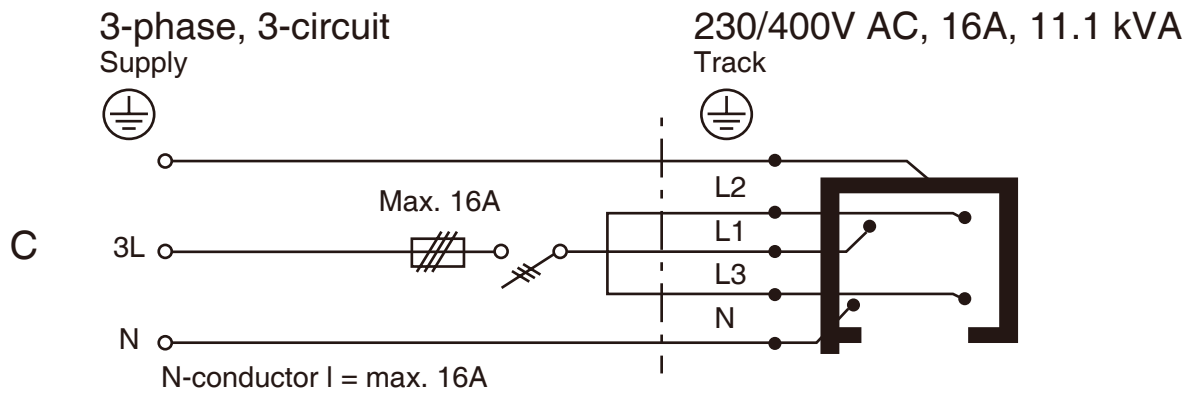
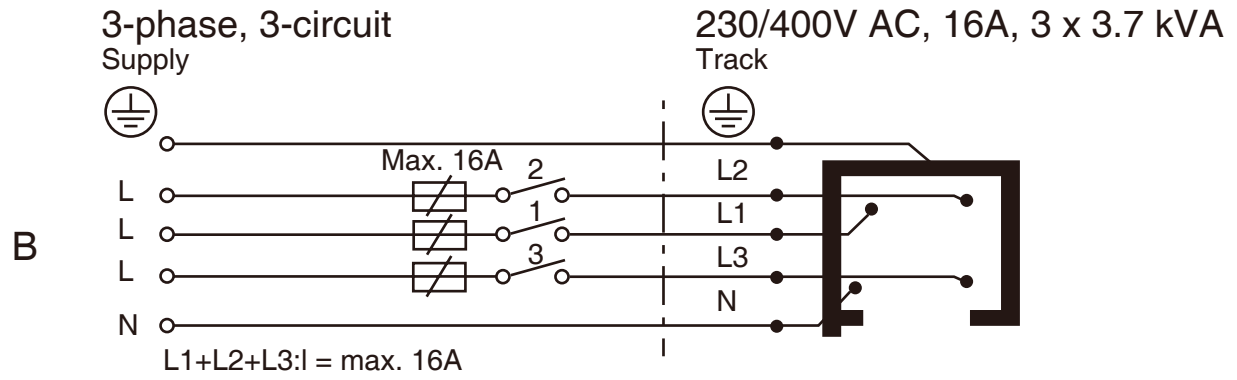
Installation:

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*25.5	1.5	11	6

	CTNS	Q'TY(PCS)	VOLUME(CBM)
20' standard container	938	5628	28
40' standard container	1876	11256	56

