# TRONIX

CE

RoHS

# TRACK SPOT LIGHT INSTRUCTION

**Description：**

The product uses quality high brightness LED as light source, high reliable constant current power supply solution. The light body is made of high thermal conductive, UV resistant, flame retardant plastic to achieve safer insulation, and built-in pure aluminum sunflower radiator offer reliable heat dissipation performance. The reflective cup is made of pure aluminum, and the surface is processed with high reflective coating to provide a more uniform and comfortable lighting experience.

Easy installation and the irradiation direction is adjustable. No flickering, anti glare, beam angle 40° and LED SDCM < 3 to ensure color consistency.

This product is widely used in shop, hotel, restaurant, and other occasions.

**Notes:**

◆ The product uses Three-phase four wire track system, and the adapter must work with lamp tracks together

◆ To ensure safety, it must be installed by a professional electrician

◆ Do not install the product in high temperature or humid place.

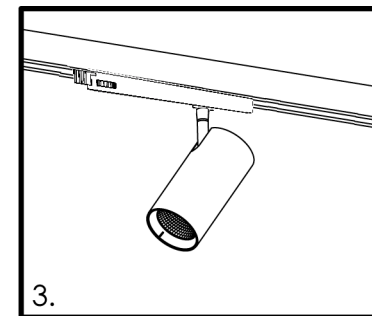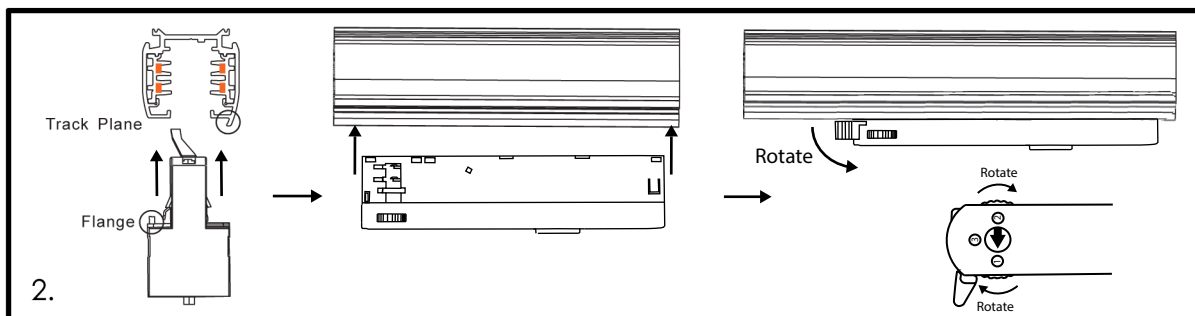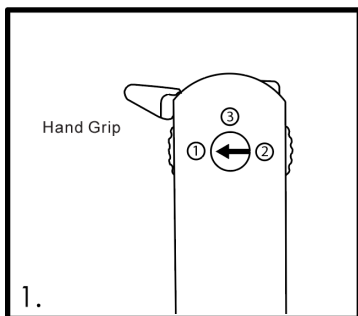◆ Storage conditions: room temperature and dry environment.

**Installation：**

Figure 1. Turn off the power before installation. Turn Hand Grip to the position as shown in the figure 1.

Figure 2. Make sure the adaptor flange is in the same as the track plane, and then press the track adaptor into the track system.
    Pull the Hand Grip back to the end in the direction of the arrow, turn the Power Knob and select the(1,2,3 for options) phase as per your requirement.
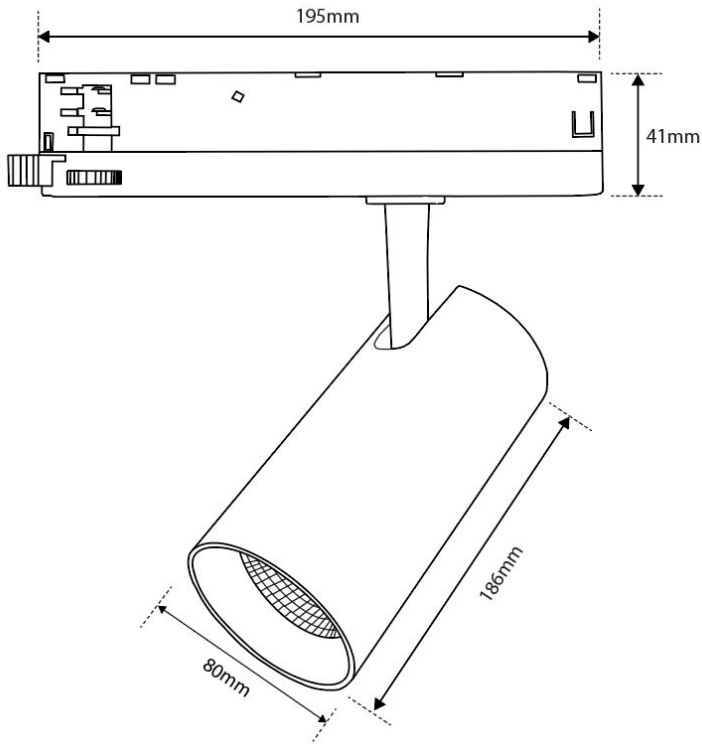
Figure 3. Turn the lamp to the required direction and power on.

## Technical parameters：

| Item No. | 169-291 White Housing | 169-295 White Housing |
|---|---|---|
| Input Voltage | 220-240V AC | |
| Current(A ) | 0.095 | |
| Power (W) | 20W | |
| Power factor(PF) | >0.9 | |
| Color Temperature (K) | 3000K | 2700K |
| Luminous Flux | 1706 | |
| Lifespan (h) | 50000 | |
| Beam （50%） | 40° | |
| Protection Rate | IP20 | |
| CRI (Ra) | >90 | |

## Dimension：



195mm
41mm
186mm
80mm

## Suitable for following tracks

| Serial number | Brand | Track model | System |
|---|---|---|---|
| 1 | Global | XTS 4 & XTSF 4 | 3P |
| 2 | Stucchi | 9000XX Series | 3P |
| 3 | Eutrac | 2510x | 3P |
| 4 | Unipro | T32B | 3P |
| 5 | Ivela | 7501 | 3P |
| 6 | ERCO | 783 | 3P |
| 7 | Hoffmeister | / | 3P |

## Extended Specifications From The Driver

| category | Item | Technical Norm |
|---|---|---|
| Features | Output Type | Constant Current |
| | Dimming Type | Phase dimming |
| | Dimming Range | 10%-100% |
| | IP Grade | IP20 |
| | Insulation Class | Class II |
| Input | Rated Input Voltage | 220-240VAC |
| | Range of Input Voltage | 198-264VAC |
| | Frequency | 50/60Hz |
| | Input Current | ≤0.23A |
| | Input Power | ≤ 48W |
| | Power Factor | ≥0.92 (230VAC, full load) |
| | No-load Power Consumption | ≤0.5W @230VAC |
| | Inrush Current | ≤20A/400us (230VAC, Full-load) |
| | Connected quantity of 10A Breaker | 10pcs/type A;15pcs/typeB;25pcs/type C @ 230Vac |
| | Connected quantity of 16A Breaker | 16pcs/type A;24pcs/typeB;40pcs/type C @ 230Vac |
| | Connected quantity of 20A Breaker | 20pcs/type A ;30pcs/type B;50pcs/type C@ 230Vac |
| Output | Current Accuracy | ±5% |
| | Max. Output Power | 22W |
| | Started Delay Time | ≤0.5S (230VA, full load) |
| | Current Ripple | ±5% (Imax-Imin)/(Imax+Imin) |
| Protection | Short Circuit Protection | Auto Recovery |
| | Overload Protection | Auto Recovery |
| | No-load Protection | Auto Recovery |
| | Insulation voltage | I/P to O/P , 3KVac/1min |
| | Insulation resistance | >100M ohm @ 500VDC |
| | Leakage current | I/P to O/P < 250μA |
| Environment | Ta/Operation Temperature | -20….+35°C |
| | Ts/Storage Temperature | -35….+85°C |
| | Tc/Enclosure Temperature | 85°C |