

# T SERIES track light

T series track light adopts the latest technology of cold forging. The lamp body is made of #1070 aluminium ingot by one time forming without secondary process like splicing, riveting and soldering. The cooling effect of radiator is completely same as that of raw aluminum material. Only 3 steps to make an aluminium ingot turn into a lamp:



1, Put an aluminium ingot into hydropress, getting a primary lamp model.



2. Lathe the lamp model, getting a delicate lamp body.

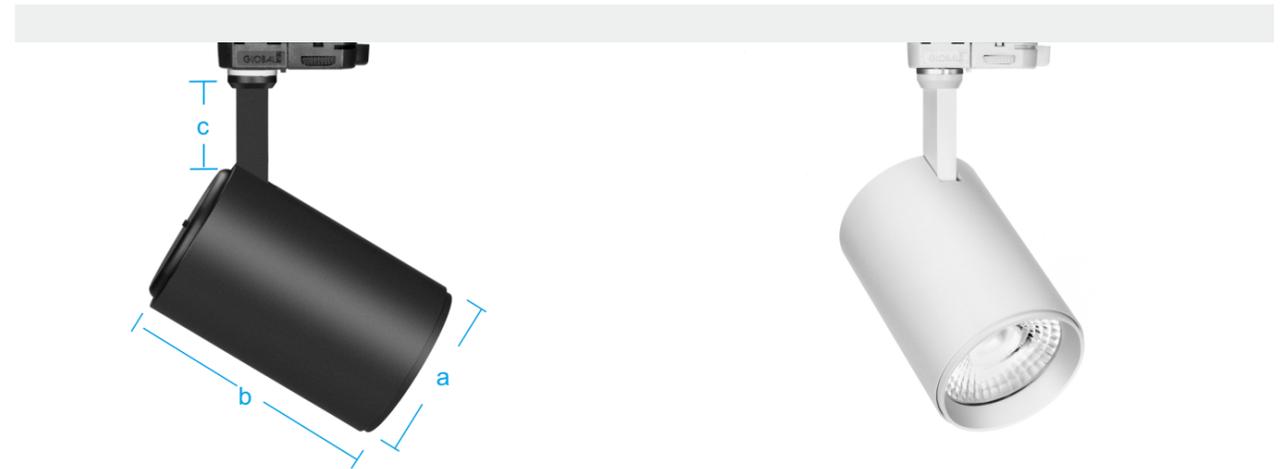
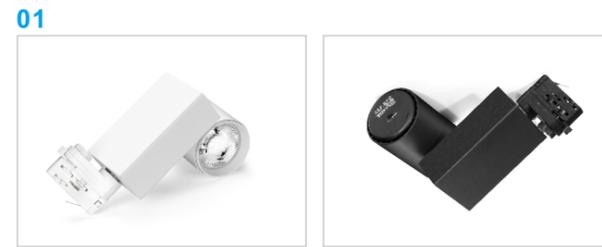


3, Assemble lamp body with other parts.

The excellent heat conductivity determines lamp quality, combined with high performance light source, we can control our lamp's light decay <10% within 30000hrs, <20% within 50000hrs. The cooling effect of cold forging aluminium is 30% higher than that of same size of #6063 profile aluminium and double better than die casting aluminium.

### The Thermal conductivity of different aluminum material:

- Cold forging aluminium (#1070): 226.w/m.k,
- Profile aluminium (#6063): 180.w/m.k
- Die casting aluminium (#ADC12): 98.w/m.k



### Features:

T09 series track light is a built-in driver design, and it is completely different from the common built-in driver track light on the market. The superior heat dissipation of cold-forging integrated heat sink, equipped with high temperature resistant TC100 Tridonic driver (This driver's TC temperature <100°C which can ensure 50000hrs well working ), thus the lamp's lifespan won't be affected by the driver built in, achieving a real 5 years warranty.



TRIDONIC built in glued driver, high PF>0.9, NO flicker;  
GLOBAL-GA69 4 wires track adapter.

### Supports CCT



You could choose 3 different color temperature via dip switch, and the total power remains the same.

### Supports beam angle



Supports beam angle optional function, you could choose 3 different angles via dip switch, and the total power remains the same.

Function	Form	F/H type	Zoomable type(V)	Zoomable and Shapable type(S)
CCT optional via dip switch		✓	✓	✓
Beam angle optional via dip switch		✓	✗	✗
Intelligent control system		✗	✗	✗
Light shield		✓	✗	✗
Housing color			Black, white	

### Supports F/H/H-DIY optical form

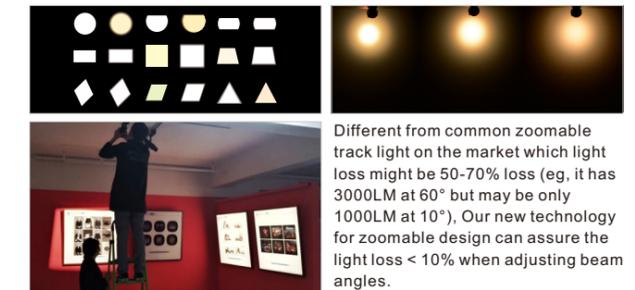


Different optical forms can be selected according to actual lighting requirements. High brightness with UGR19-21(F); moderate brightness with UGR12-17 (H); low brightness with UGR <9 (G); and for some special visual angle ( like up and down escalators lighting), a moderate brightness anti-glare type (X) is a good solution.

### Support zoomable and shapable form (S)



### Support zoomable form(V)



Different from common zoomable track light on the market which light loss might be 50-70% loss (eg, it has 3000LM at 60° but may be only 1000LM at 10°). Our new technology for zoomable design can assure the light loss <10% when adjusting beam angles.

The latest focusing and shaping technology, can freely change the light spot shape, size, sharpness, etc. Its lighting effect is comparable to advertising backlight, commonly used for cultural relics, paper paintings, and other display lighting.

Optical parameters: CCT: 2700K, 3000K,4000K,5000K,6000K ; CRI>90,R9>50/CRI>97,R9>95

Item No.	Power(W)	Size (mm)	Illumination 3000K CRI>90	Beam angle	N. W.	Input voltage
T3509	35W	a=φ95,b=150, c=50,	3200-3600lm	24° 38° 50°	1.1kg	AC200-240V AC100-277V
T3009	30W	a=φ85,b=135, c=50,	2800-3200lm	10° 24° 38° 60°	0.9kg	
T2009	20W	a=φ75,b=125, c=50,	1800-2200lm	10° 24° 38° 55°	0.7kg	
T1009	10W	a=φ65,b=115, c=50,	800-1200lm	10° 24° 38° 60°	0.5kg	