

## LED Track Light

### Description:

TLF LED Track Lighting provides a flexible solution for adjusting the positions of light fittings with 350 degrees rotation and 90 degrees tilt to produce amazing accent and task lighting. This track lighting offers high power illumination with luminous efficacy of 130LM/W, suitable for high ceiling lighting environments. In addition, it creates sparkling and awesome lighting effects with excellent color quality that's guaranteed by outstanding optics design as well as high color index rendering of more than 90.

Presented with systems of 4 wire, 3 circuits, 2 wires, single circuit as well as one-phase functionality, the delight indoor flexible track lighting can be used in various applications with maintenance-free and energy saving benefits. Moreover, this indoor black/white/silver track lighting can be used together with a large number of accessories such as honeycomb and different lens of 15° ,24° ,38° and 60° .



### Application:

- Shopping mall, jewelry shop and fashion store lighting.
- Gallery, furniture, hardware, museum and showroom lighting .
- Gym, hotel and stage lighting.
- Food Lighting ( Meat Fruit Vegetable Bread etc.)



## Information:

### Features:

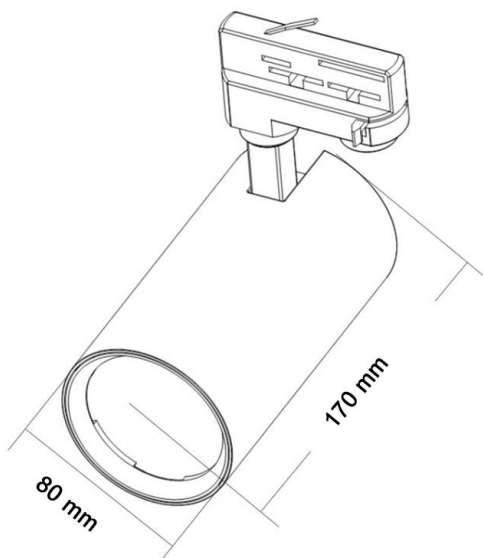
- SDCM<3
- Super Brightness 130LM/W @ 90Ra
- Energy Efficiency Class: A++ (EU 874-2012)
- UGR less than 19
- Flicker Free
- No UV or IR radiation
- Cold forging Aluminum Housing, the best in aluminum material.
- Flexible beam direction adjustable: 355° horizontally and 90° vertically.
- Strongly light up an object from far or high distance.
- Medium useful life > 50,000 hours (L80B50) at ambient temperature of 25 °C

### Specification:

- Power supply : Italy Archi
- Track adapter: 2 wires 3 wires 4 wires
- Housing material: aluminum.
- Housing color: White, Black
- Working environment temperature: -20oc ~ +45oc.
- Lamp Certificates: CE ROHS SAA
- Driver Certificates : TUV CB UL CE ROHS SAA

Model No.	Input voltage(V)	Power (w)	LED Chip	Luminous flux (lm) (±5%)	Beam angle(o)	CCT (K)	CRI	Size (mm)	Weight (kg)
OP-TLF25W	AC220-240V	25W	Bridgelux	3250LM	15, 24, 38,60	2700K 3000K 4000K 5000K	90+	D80 H170mm	0.9
OP-TLF30W	AC220-240V	30W	Bridgelux	3900LM	15, 24, 38,60	2700K 3000K 4000K 5000K	90+	D80 H170mm	0.9

Packing information : 12pcs 10kg/CTN 39x29x27CM



## Photo-metric :



杭州创惠仪器有限公司  
www.inventfine.com.cn  
Tel: 86-571-88091262  
Fax: 86-571-88262100

## Lightsource Test Report

### Product Information

Product Type: 3000K

Product Spec: 30W

Product Number: 99

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4253$   $y=0.3947$   $u(u')=0.2470$   $v=0.3439$   $v'=0.5159$

CCT:  $T_c=3129K$  ( $duv=-0.00210$ )

Color Ratio:  $R=0.235$   $G=0.734$   $B=0.031$

Peak Wavelength: 610.7nm

Half Bandwidth: 149.7nm

Dominant Wavelength: 583.1nm

Color Purity: 0.461

CRI:  $R_a=90.2$

TM30:  $R_f=87$ ,  $R_g=98$

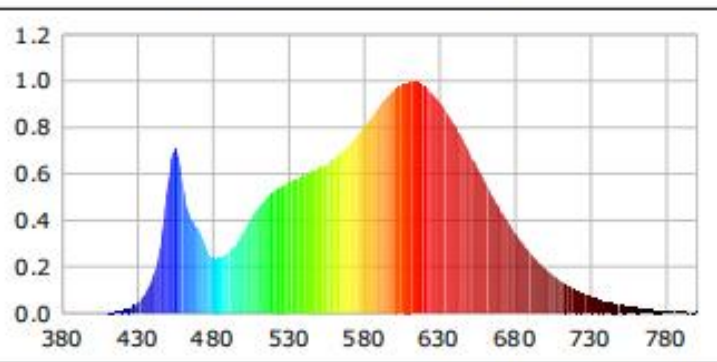
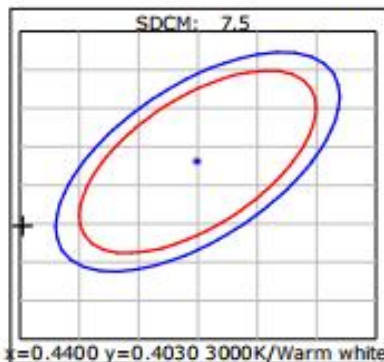
$R1=91$   $R2=96$   $R3=97$   $R4=90$   $R5=91$   $R6=95$   $R7=87$   $R8=74$

$R9=42$   $R10=91$   $R11=91$   $R12=77$   $R13=93$   $R14=99$   $R15=85$

Color Quality Scale:  $Q_a=88.3$ ,  $Q_f=89.3$ ,  $Q_p=90.7$ ,  $Q_g=95.6$

$Q1=85$   $Q2=96$   $Q3=86$   $Q4=85$   $Q5=88$   $Q6=91$   $Q7=90$   $Q8=91$

$Q9=97$   $Q10=93$   $Q11=91$   $Q12=90$   $Q13=89$   $Q14=82$   $Q15=83$



### Photometric Parameters

Luminous Flux: 3977.78 lm

Efficiency: 131.50 lm/W

Radiant Power: 12.779 W

EEL: 0.10

Energy Efficiency Class: A++ (EU 874-2012)

### Electric Parameters

Voltage: 220.60V

Current: 0.1430A

Power: 30.25W

Power Factor: 0.9600

Frequency: 49.99Hz

### Test Information

Scan Range: 380~800:1nm

Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 1.50m, 4T

Max of Signal: 44787 (3552)

CCD Integration Time: 126.76 ms

Condition:  $T_x=31.0^{\circ}C$ ,  $T_i=27.6^{\circ}C$ , R.H.:60%

Test Device: Inventfine CMS-2S (Plus)

Test Lab:

Test Time: 2022-04-27 15:56:10

Operator:

Inspector: