LightFEEL

SL-TL57A

www.lightfeel.net

Introduction

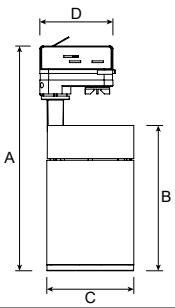
TL57A is a new design track light, adopt Citizen chip which can create a diversified and dramatic atmosphere. Elegant and concise design with internal driver, adjustable lighting orientation with 350° in horizontal direction and 90° in vertical direction will bring a flexible exposure. Integrated die-cast aluminum and thermal convection design provide excellent heat dissipation, ensure a long lifespan.

Features

1. High quality LED source, CRI80/90/97 optional.
2. Supreme Aluminum heat sink with great heat dissipation.
3. Secondary optics with lens and reflector make more uniform light.
4. Beam angle: 15°/24°/36° for option.
5. Adjustable lighting orientation with 350° in horizontal direction and 90° in vertical direction.
6. 1-circuit and 3-circuit are all available.

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.



Measurement

Model	Dimension(mm)				Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C	D		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
TL57A-10W-D	223	127	65	84.5	Ø65*223	0.51	0.62	6.14	8.14	49.5*27.5*32.5	12	8148	18816
TL57A-15W	223	127	65	84.5	Ø65*223	0.51	0.62	6.14	8.14	49.5*27.5*32.5	12	8148	18816
TL57A-25W-D	254	157	80	84.5	Ø80*254	0.805	0.935	9.68	12.18	55.5*31.5*43	12	4500	11016
TL57A-25W	254	157	80	84.5	Ø80*254	0.805	0.935	9.68	12.18	55.5*31.5*43	12	4500	11016
TL57A-35W-D	259	167	100	84.5	Ø100*259	1.03	1.18	12.5	15	55.5*31.5*43	12	4500	11016
TL57A-35W	259	167	100	84.5	Ø100*259	1.03	1.18	12.5	15	55.5*31.5*43	12	4500	11016

Technical Data Sheet

Model No.			TL57A-10W-D	TL57A-25W-D	TL57A-35W-D	TL57A-15W	TL57A-25W	TL57A-35W
Dimension(mm)			Ø65*223	Ø80*254	Ø100*259	Ø65*223	Ø80*254	Ø100*259
Cutout (mm)			-					
Watt(W)			10W	25W	35W	15W	25W	35W
Rated Input Voltage(V)			AC230V					
Input Voltage(V)			AC220-240V					
LED Module Input			-					
Light Source			COB					
SDCM			-					
CCT(K)			1-CCT: 2700K/3000K/4000K/5000K					
CCT Selection DIP Switch			No					
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	-			1500-1750	2500-2850	3500-4000
	DIM	1-CCT	950-1050	2200-2500	3000-3450	-		
	Non-DIM	3-CCT	-					
	DIM	3-CCT	-					
CRI			Ra>80 (Ra>90 optional)					
Beam Angle (°)			15°/24°x36					
UGR			-					
LED Driver			Built-in					
Dimming Option			Triac					
Sensor			-					
Emergency Kits			-					
Electrical Class			Class Ⅰ					
Ingress Protection (IP Rating)			IP20					
Impact Resistance (IK Rating)			-					
Product Finishing(Base)			White RAL 9016 / Black RAL9005					
Materials of Optics			PC					
Materials of Housing			Aluminum					
Lifetime (hr)			50,000h					
Glow wire test (℃)			850℃					
Operating Temp. (℃)			-20℃ ~45℃					
Storage Temp. (℃)			-20℃ ~65℃					
Installation			Track					

www.lightfeel.net

Driver Datasheet (Non-Dimmable)

Total load wattage		15W±1W	25W±5%	35W±5%
Output	Output Voltage range	DC30-40V		
	Rated output current	350mA	600mA	860mA
	Line Regulation	±5%		
	Setup, Rise Time	<0.5S		
	Flickering Index	-		
Input	Input Voltage	AC 200-240V		
	Rated Input Voltage(V)	AC 230V		
	Frequency	50/60Hz		
	Input Current	-		
	Rated Input Current	0.09A	0.15A	0.2A
	Power Factor	0.9		
	THD	≤20%(230V)		
	Efficiency	84%	86%	
	No load wattage	-		
Protection	Short circuit protection	Pass		
	Over voltage protection	Pass		
	Over temperature protection	Pass		
Safety &EMC	Withstand voltage	AC1500V		
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω		
	Surge	L-N 500V,L,N-PG 1KV	L-N 1KV,L,N-PG 2KV	
	EMC Emission	EN55015, EN61000-3-2		
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547		

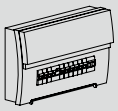
Driver Datasheet (Triac Dimmable)

Total load wattage		10W	25W	35W
Output	Output Voltage range	DC30-40V		
	Rated output current	220mA	580mA	800mA
	Line Regulation	±5%		
	Setup, Rise Time	<1S		
	Flickering Index	<10%		
Input	Input Voltage	AC 200-240V		
	Rated Input Voltage(V)	AC 230V		
	Frequency	50Hz		
	Input Current	0.06A	0.14A	0.2A
	Rated Input Current	0.05A	0.13A	0.17A
	Power Factor	0.9		
	THD	-	<20%	
	Efficiency	78%	84%	85%
	No load wattage	<1W		
Protection	Short circuit protection	Pass		
	Over voltage protection	Pass		
	Over temperature protection	Pass		
Safety &EMC	Withstand voltage	I/P-O/P:3.75KVac,<5mA 60S; I/P-FG:1.6KVac,<5mA 60; O/P-FG:0.5KVac,<5mA 60S		
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω		
	Surge	IEC/EN61000-4-5(L-N:0.5KV, L/N-PG:1KV)	IEC/EN61000-4-5(L-N:1KV, L/N-PG:2KV)	
	EMC Emission	EN55015, EN61000-3-2		
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547		

Installation Procedure

WARNING

1.Switch off before installation.
2.Switch on only after complete installation and examination of the circuit.
3.Professional electrician for installation and maintenance only.

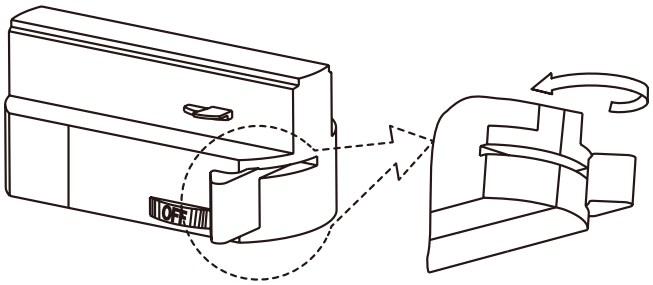


Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

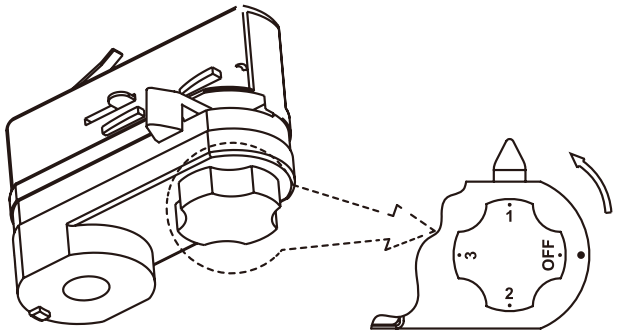
How to install

Step 1

Prior to locating Adaptor into Track Section make sure it is set in the 'OFF' position & 'Locking Lever' is set in the position shown.



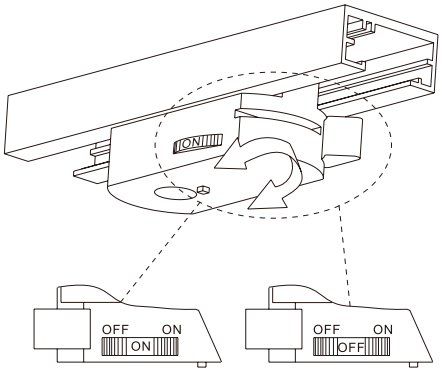
2-wires, 3-wires adaptor



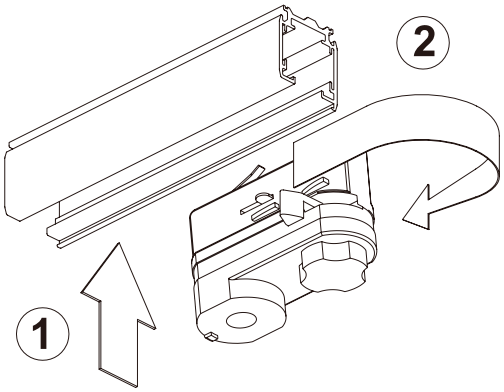
4-wires adaptor

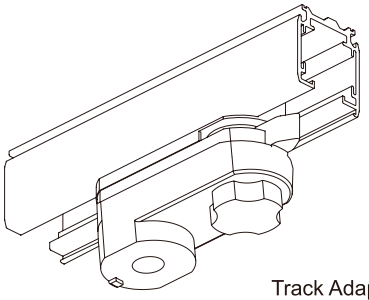
Step 2

Locate Track Adaptor into Track Section (1) & lock into position by turning 'Locking Lever' 90°(2)



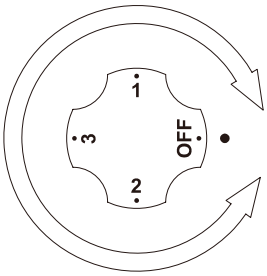
2-wires, 3-wires control luminaires in same circuit by ON/OFF switch.





Track Section

Track Adaptor shown locked into Track Section



4-wires
Turn clockwise or anti-clockwise.