LightFEEL

TL69A

TL69B

SL-TL69A-B

www.lightfeel.net

Introduction

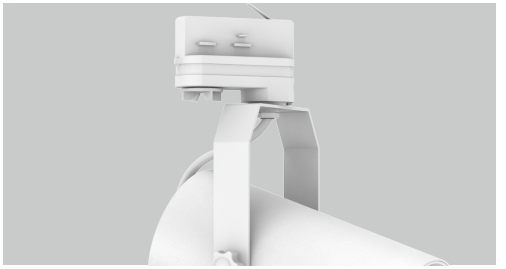
The LED track light with adjustable focus design, special lens can have a fast beam angle change (Just press the lens). Adopt high lumen Citizen light source, two bracket design options, changeable lighting orientation with 350° in horizontal direction and 300° in vertical direction. Aluminum heat sink provides excellent heat dissipation. Easy installation, recreational for various application.

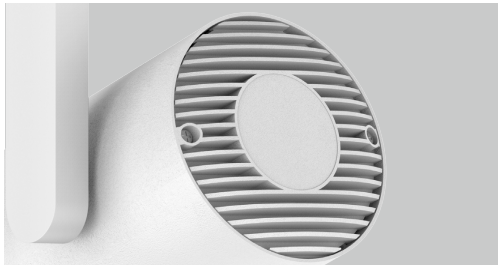
Features

- Adjustable focus lens 20°~36°， 36°~60°.
- Brand LED light source Citizen COB.
- High lumen efficiency 115lm/W.
- Finish color: White/Black.
- Internal flicker free driver.

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

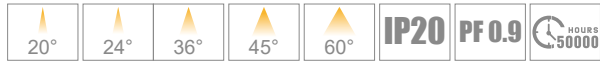


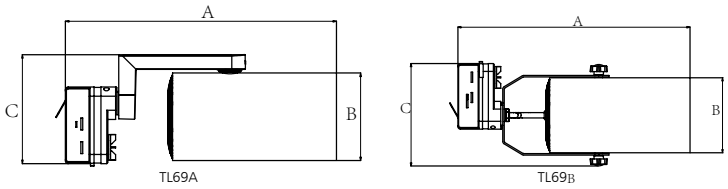


TL69A　　TL69B

Technical Data Sheet(1)

Code No.			TL69A/B-25W	TL69A/B-35W
Dimension(mm)			Ø96*298	
Cutout (mm)			-	
Watt(W)			25W	35W
Rated Input Voltage(V)			AC230V	
Input Voltage(V)			AC200-240V	
LED Module Input			-	
Light Source			COB	
SDCM			<6	
CCT(K)			1-CCT: 2700K/3000K/4000K/5000K	
CCT Selection DIP Switch			NO	
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	2800~2950Lm	3750~3950Lm
	DIM	1-CCT	2550~2700Lm	3400~3600Lm
	Non-DIM	3-CCT	-	-
	DIM	3-CCT	-	-
CRI			80(/90/97 optinal)	
Beam Angle (°)			a(20°/24°/36°)/b(36°/45°/60°)	
UGR			-	
LED Driver			Built-in	
Dimming Option			YES	
Sensor			NO	
Emergency Kits			NO	
Electrical Class			Class I	
Ingress Protection (IP Rating)			IP20	
Impact Resistance (IK Rating)			6	
Product Finishing(Base)			White RAL 9016/Black RAL9005	
Materials of Optics			PMMA	
Materials of Housing			PC/Aluminium	
Lifetime (hr)			50000h	
Glow wire test (℃)			650℃	
Operating Temp. (℃)			—20℃ ~40℃	
Storage Temp. (℃)			—20℃ ~65℃	
Inst allation			Track	





Measurement

Code	Dimension(mm)			Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(mm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
TL69A-25W	298	Ø96	120	Ø96*298	1.2	1.3	14.4	15.6	54*35.5*48.5	12PCS	3600	8064
TL69A-35W	298	Ø96	120	Ø96*298	1.2	1.3	14.4	15.6	54*35.5*48.5	12PCS	3600	8064
TL69B-25W	298	Ø96	132	Ø96*298	1.2	1.3	14.4	15.6	54*35.5*48.5	12PCS	3600	8064
TL69B-35W	298	Ø96	132	Ø96*298	1.2	1.3	14.4	15.6	54*35.5*48.5	2PCS	3600	8064

Driver Datasheet (Non-Dimmable)

Total load wattage		25W	35W
Output	Output Voltage range	30-40V	
	Rated output current	600mA	860mA
	Line Regulation	±5%	
	Setup, Rise Time	<0.5S	
	Flickering Index	<10%	
Input	Input Voltage	180-265VAC	
	Rated Input Voltage(V)	200-240VAC	
	Frequency	50/60Hz	
	Input Current	0.16A	0.22A
	Rated Input Current	0.14A	0.20A
	Power Factor	0.9	
	THD	<20% @230V	
	Efficiency	≥85%	≥87%
	No load wattage	<0.5W	
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	
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω	
	Surge	IEC/EN61000-4-5(P<25W; L-N:500V, L/N-PE:1KV); IEC/EN61000-4-5 (P≥25w L-N:1KV, L/N-PE: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		25W	35W
Output	Output Voltage range	DC30-40V	
	Rated output current	580mA	800mA
	Line Regulation	±5%	
	Setup, Rise Time	<0.5S	
	Flickering Index	<10%	
Input	Input Voltage	AC200-240V	
	Rated Input Voltage(V)	AC230V	
	Frequency	50Hz	
	Input Current	0.14A	0.2A
	Rated Input Current	0.13A	0.17A
	Power Factor	0.9	
	THD	<20% @230V	
	Efficiency	≥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	
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω	
	Surge	IEC/EN61000-4-5(P<25W; L-N:500V, L/N-PE:1KV); IEC/EN61000-4-5 (P≥25w L-N:1KV, L/N-PE:2KV)	
	EMC Emission	EN55015, EN61000-3-2	
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547	

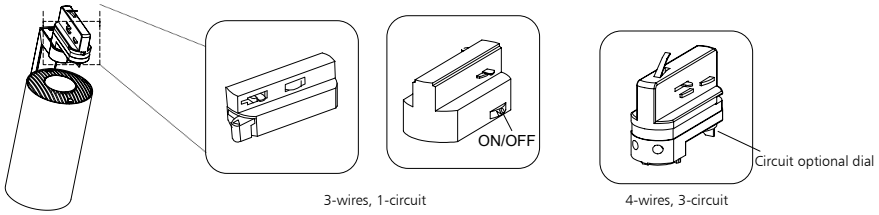
Installation Procedure

WARNING

1.Switch off before installation / maintenance.
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.

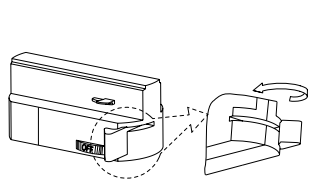
Select Adaptor Before You Buy The Track Light



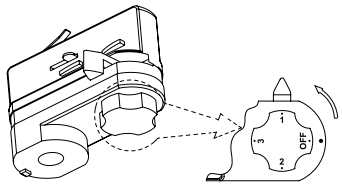
3-wires, 1-circuit

4-wires, 3-circuit

Installation Procedure



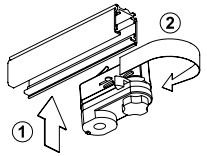
2-wires, 3-wires adapt

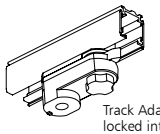


4-wires adaptor

Step 1

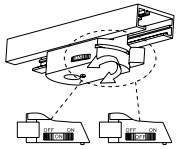
Prior to locating Adaptor into Track Section make sure it is set in the 'OFF' position & 'Locking Lever' is set in the position shown.





Track Section

Track Adaptor shown locked into Track Section



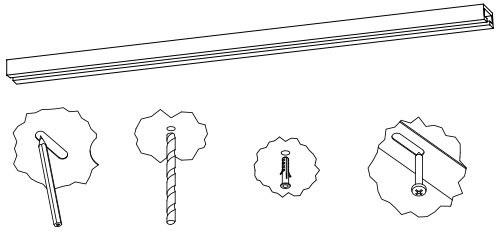
2-wires, 3-wires control luminaires in same circuit by ON/OFF switch.

4-wires
Turn clockwise or anti-clockwise.

Step 2

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

Track installation: CEILING MOUNTED



Mark hole fixing centres

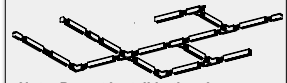
Drill holes

Insert rawl plug into hole

Fix in position

Below connector of track available, please contact with sales.

I connector **L** connector **T** connector **X** connector



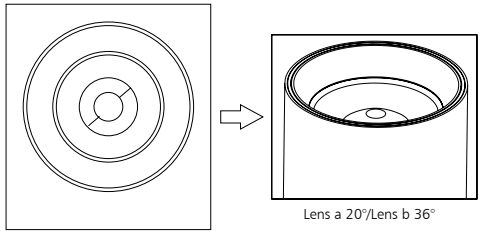
Note: Do not install in the place near heat source, or in corrosive gas environment.

Lamp angle operation method

Lens a: (20°/24°/36°)
Lens b: (36°/45°/60°)

Step 1

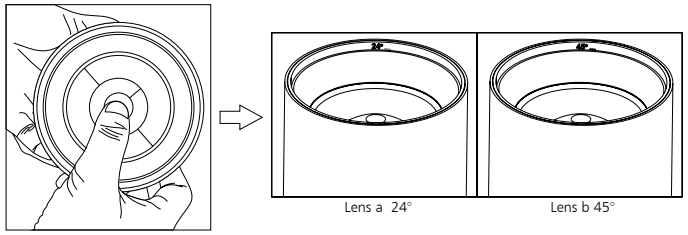
By default, the front side is flat, at the moment the beam angle is :
Lens a 20°/Lens b 36°.



Lens a 20°/Lens b 36°

Step 2

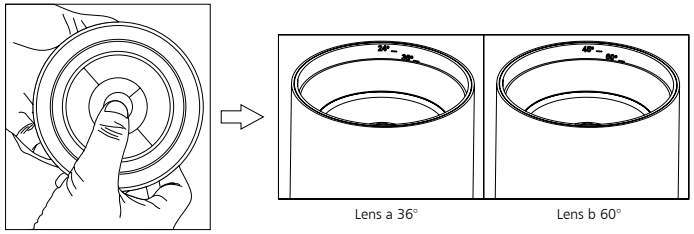
As the picture shown, press the lens in the first time, at the moment the beam angle is : Lens a 24°/Lens b 45°.



Lens a 24° Lens b 45°

Step 3

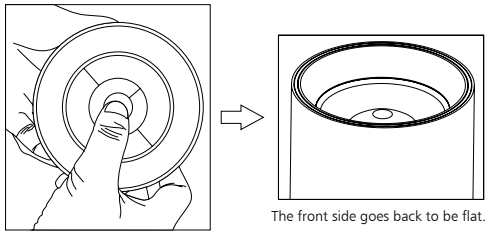
Press the lens again, at the moment the beam angle is:
Lens a 36°/Lens b 60°.



Lens a 36° Lens b 60°

Step 4

Keep pressing for the third time, the lens will go back to be a flat status, beam angle will also go back by default status.



The front side goes back to be flat.