

T-Line | LED Linear Lighting System

LED Track Linear Lighting System



14W / 16W / 18W / 20W / 35W/40W / 45W / 50W

Tiltable lighting panel

DALI optional

Sharp/Narrow/ Wide/ Double asymmetric /Flat

Compatible with 3/4/6 wires track rail

160lm Per Watt

2700K/3000K / 3500K/4000K / 5000K/5700K / 6500K

DIP Switch Driver

600mm /1500mm



LED Track Linear Lighting System



Application

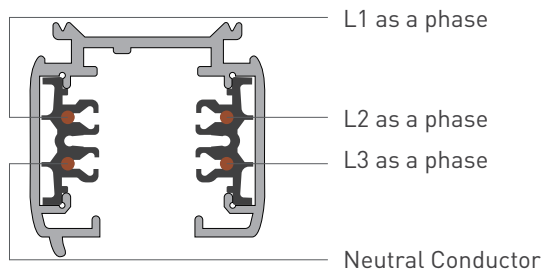
Commercial-Industrial-Warehouse-Other indoor lighting



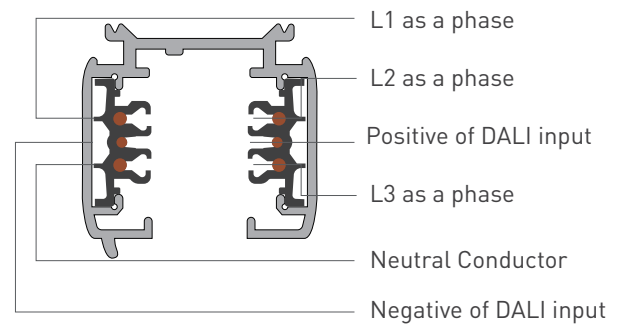
Track rail

The luminaires are compatible with the most brands track rail in the world.

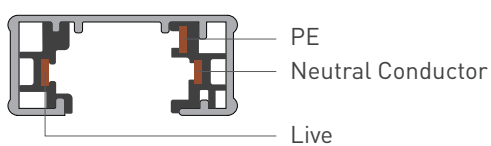
European standard--4 wires / 3 phases



European standard with DALI function--6 wires / 3 phases + DALI



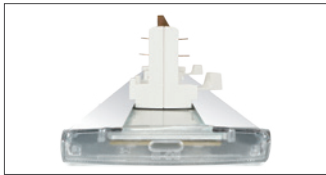
American standard--3 wires / 1 phase



Track Linear Luminaire Types

T-line K1 : Single tilting

Single tiltable, tilting range: 30°



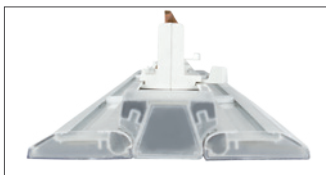
T-line K2 : Twin wings tilting

Twin tiltable wings, tilting range: 30°



T-line K3: Central linear light with twin wings tilting

Twin wings can be tiltable individually or simultaneously through 30° while the central linear light can't be tilted



Flexible Solution

Track spotlight module

Track linear can be flexibly combined with track spotlights on the same track rail for general lighting & accent lighting.



Convenient phase selection adaptor

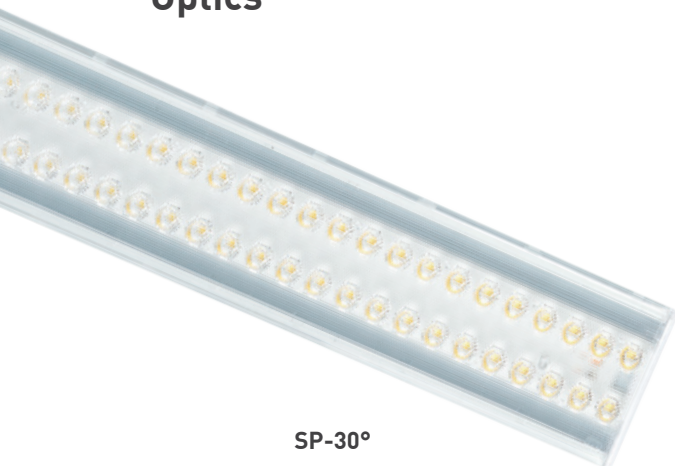


Dip switch driver, convenient for inventory



T Line
LED Linear Lighting System

Optics



SP-30°
narrow



5,600-12,600 lm
Installation height:
6-16m



WD-90°
wide

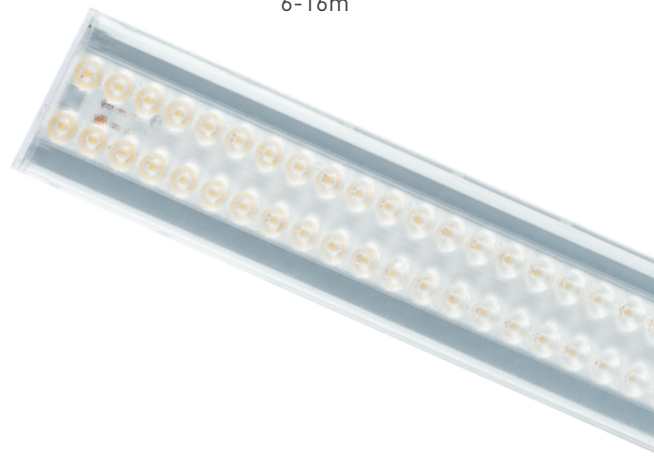


5,600-12,600 lm
Installation height:
3-5m

NR-60°
narrow



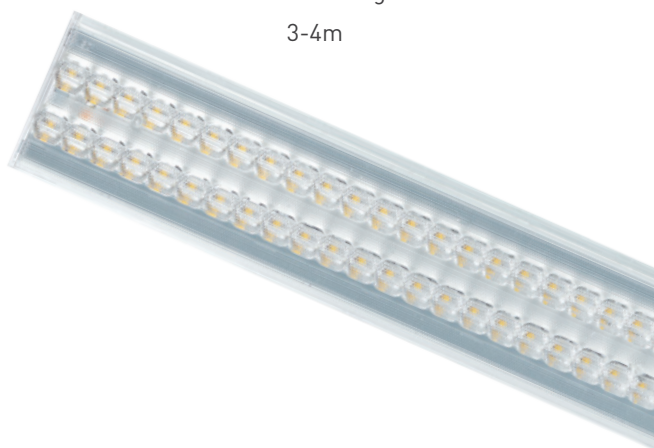
5,600-12,600 lm
Installation height:
6-16m



DS
double asymmetrical



5,600-12,600 lm
Installation height:
3-4m



Order Number List - T-line Track Linear System

Category	Type	Length	Power	CCT	Beam Angle	Wire	Color	Function
	X	X	X	X	X	X	X	X
CTLS	-	06	20-	27	SP-	03	WH-	-
	1	15	50-	30	NR-	04		
	2			35	WD-	06	BK-	DT6
	3			40	DS-			
				50	FD-			
			57	FF-				
			65					

Code Definition

CTLS = CoreShine Track linear system

Type:

1 = K1

2 = K2

3 = K3

Length:

06 = 600mm

15 = 1500mm

Power:

20, 50 = 20W, 50W

CCT:

27 = 2700K

30 = 3000K

35 = 3500K

40 = 4000K

50 = 5000K

57 = 5700K

65 = 6500K

Beam angle:

SP= sharp 30°

NR = narrow 60°

WD = wide 90°

DS= double asymmetrical

FD=flood 120°

FF = flat frosted 120°

Wire:

03 = 3 wires,

04 = 4 wires,

06 = 6 wires

Color of the housing:

WH = white shell

BK = black shell

Function:

DT6 = Dali dimming



e.g.: CTLS3-1550-50NR-06WH-DT6

K3 type, 1.5m linear luminaire, 50W, 5000K,
Narrow beam angle, 6 wires, white color, Dali
dimming

LED Linear Lighting System | T Line

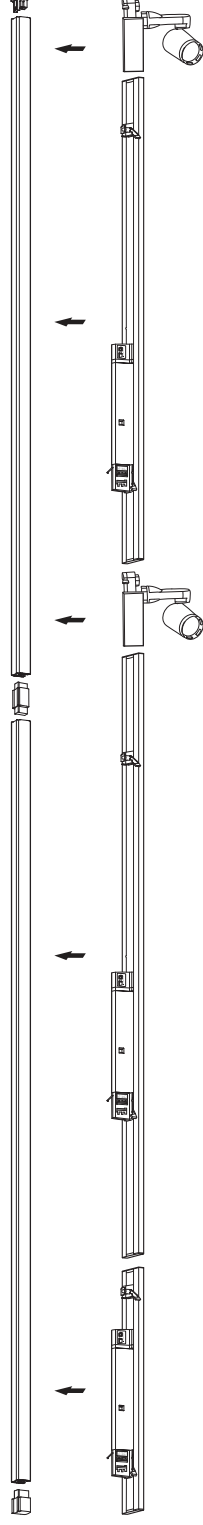
Safety notes:

Installation must be performed only by a qualified electrician.

Make sure that the fixture is disconnected from the AC supply.

This luminaire is to be installed in 4-wires/3-phases track rails.

The maximum current cannot exceed 10A.



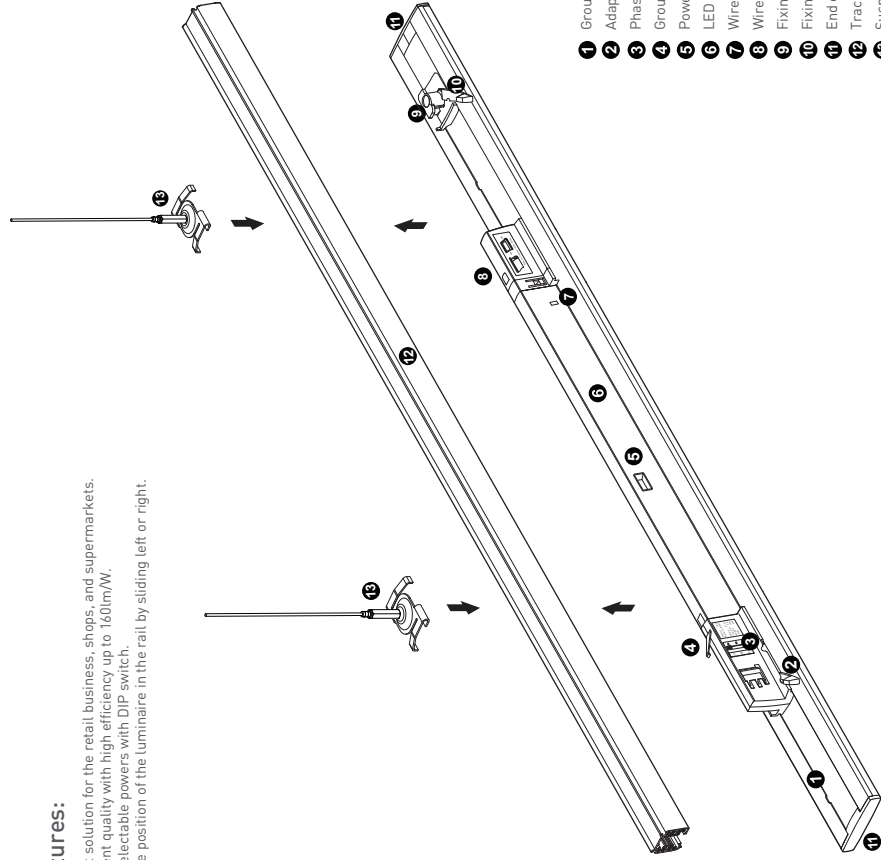
Features:

Perfect solution for the retail business, shops, and supermarkets.

Excellent quality with high efficiency up to 160lm/W.

Four selectable powers with DIP switch.

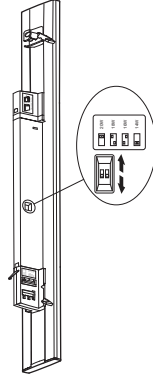
Flexible position of the luminaire in the rail by sliding left or right.



- 1 Ground point
- 2 Adaptor knob
- 3 Phase selector
- 4 Ground pin
- 5 Power selector
- 6 LED driver
- 7 Wires lock
- 8 Wires box
- 9 Fixing lock
- 10 Fixing knob
- 11 End cap
- 12 Track rail
- 13 Suspension kit

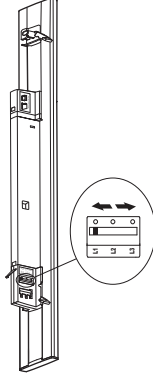
Step 1

Set the power in the **5 power selector** DIP switch.



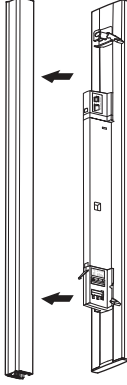
Step 2

Choose the phase/circuit in the **3 phase selector** DIP switch.



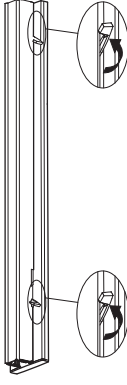
Step 3

Insert the T-line luminaire into the **12 track rail** with the correct direction.



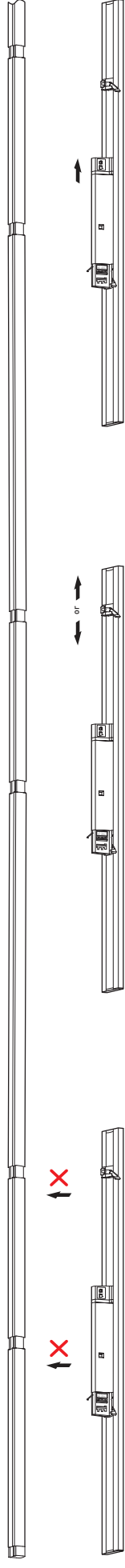
Step 4

Lock the luminaire with the **2 adaptor knob** and the **10 fixing knob** by rotating the knobs clockwise.



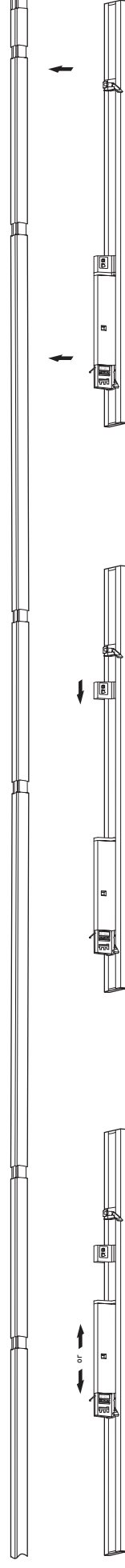
How to avoid the track rail joints during installation

There are 4 movable positions for the LED driver in the T-line luminaire.
There are 2 movable positions of the fixing lock in the T-line luminaire.



If the **12 track rail** joint interferes with the position of the **6 LED driver**, follow the instruction of **Step 1**.

If the **12 track rail** joint interferes with the position of the **6 LED driver**, follow the instructions from **Step 2** to **Step 3**.



Step 1
Slide the **6 LED driver** left or right to a free position.

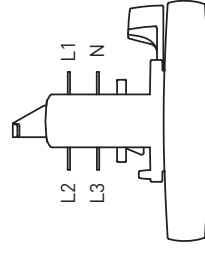
Step 1
Slide the **6 fixing lock** left or right to the second position to avoid the **12 track rail** joint.

Step 2
Expose the wires in the **8 wires box** by moving it to the right.

Step 4
Slide the **8 wires box** near the **6 LED driver**. Tidy up the wires and hide them by sliding the **8 wires box** back.

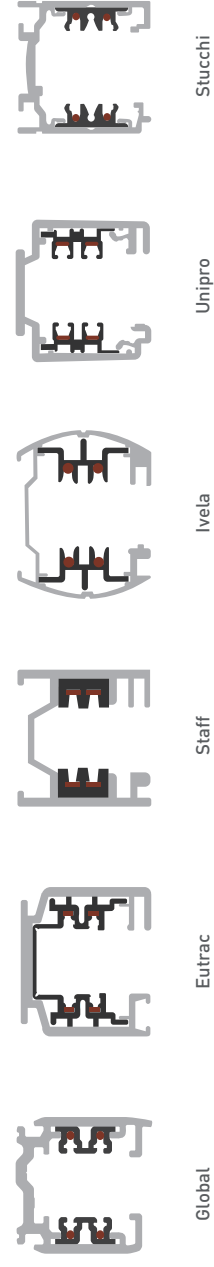
Step 5
Install the T-Line luminaire into the **12 track rail**.

Track rail (4 wires/3 phases) European standard



- L1** L1 as a phase
- L2** L2 as a phase
- L3** L3 as a phase
- N** Neutral Conductor

Recommend track rail brands



T Line
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Luminaire Characteristics | 20W/50W

Product Description

Flexibly Combine with track spotlights

Continuous line

Application

Commercial

Industrial



Model No.	CTLS-0620/CTLS-0620-DT6	CTLS-1550/CTLS-1550-DT6
Outer dimensions	600mm*60mm	1493mm*60mm
Input power	20W	50W
Dip switch to	14/16/18/20W	35/40/45/50W
Input voltage	220 - 240VAC	220 - 240VAC
Input current	0.12A max	0.3A max
Mains frequency	50/60HZ	50/60HZ
PF (at 230 V, 50 Hz, full load)	0.9	0.9
Lumen	3200lm	8000lm
Efficiency	160lm/W	160lm/W
CCT	2700-6500K	2700-6500K
CRI	80Ra	80Ra
R9	>0	>0
SDCM	<3	<3
Beam Angle	SP30°, NR60° WD90°, DS FF120°	SP30°, NR60° WD90°, DS FF120°
Dimming	NO/DALI DT6/switch	NO/DALI DT6/switch
Dimming range	-/1% - 100%	-/1% - 100%
Output LF current ripple	≤5%	≤5%
Flicker metric Pst LM	≤1.0	≤1.0
Stroboscopic effect metric SVM	≤0.4	≤0.4
Type of protection	IP20	IP20
Operating humidity	10% - 80%	10% - 80%
Storage humidity	10% - 80%	10% - 80%
Ambient temperature Ta (at life-time 50,000 h)	-25 - 40°C	-25 - 40°C
Warranty	5 years	5 years
Storage temperature Ts	-40 - 85°C	-40 - 85°C

T Line

LED Linear Lighting System

Electrical Characteristics | Output Selectable Driver | 20W/50W

Product description

Constant current LED driver

Lifespan: 50,000h

5 years warranty

Properties

Over voltage protection with automatic restart

Overload protection

Short-circuit protection with automatic restart

Surge voltage: 2.5KV



Model No.	CSD2T-50	CSD2T-50-DT6
Input voltage	220 - 240VAC	220 - 240VAC
Input current	0.35A max	0.33A max
Mains frequency	50/60HZ	50/60HZ
PF (at 230 V, 50 Hz, full load)	0.9	0.9
THD (at 230 V, 50 Hz, full load)	15%	15%
Inrush current	23A/120uS	25A/120uS
Turn on time (output)	≤1s	≤1s
Standby power P _{sb}	/	≤0.5W
Output voltage	55 - 82V	30 - 36V
Output current	0.5/0.56/0.63/0.71A	0.96/1.09/1.22/1.35A
Max output power	58W	49W
Efficiency (at 230V,50Hz,full load)	89%	87%
Dimming	NO	DALI DT6/switch
Dimming range	/	1% - 100%
Output LF current ripple	≤5%	≤5%
Surge (between L - N)	2.5KV	2.5KV
Surge (between L/N - PE)	2KV	2KV
Type of protection	IP20	IP20
Operating humidity	10% - 80%	10% - 80%
Storage humidity	10% - 80%	10% - 80%
Ambient temperature T _a (at life-time 50,000 h)	-25 - 50°C	-25 - 50°C
Max. Casing temperature T _c	75°C	75°C
Storage temperature T _s	-40 - 85°C	-40 - 85°C
Outer dimensions	300*25*12mm	350*25*12mm