



AURA-T | 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

Output Selectable Driver

600mm /1200mm /1500mm



LED Track Linear Lighting System



Application

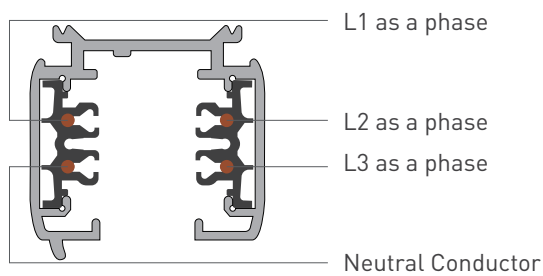
Commercial-Industrial-Warehouse-Other indoor lighting



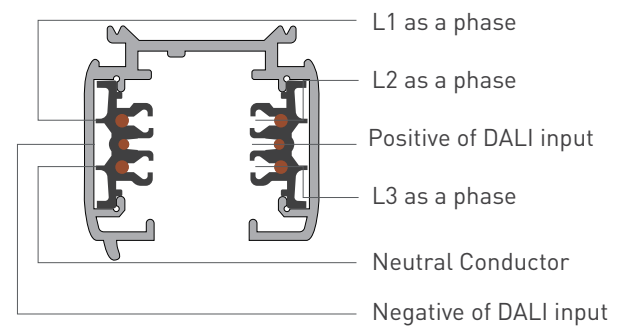
Track rail

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

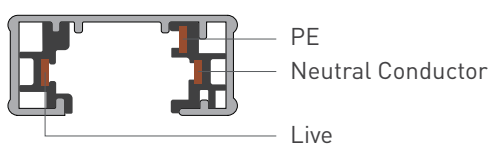
European standard--4 wires / 3 phases



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



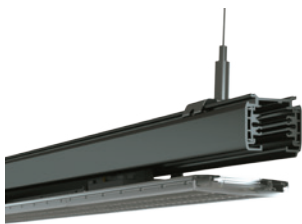
American standard--3 wires / 1 phase



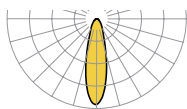
AURA-T : Single tilting



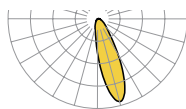
Single tiltable, tilting range: 30°



Optic angle: 30° x 30°
Tilting: 0°



Optic angle: 30° x 30°
Tilting: 15°



Optic angle: 30° x 30°
Tilting: 30°



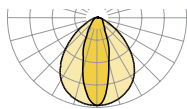
AURA-T : Twin wings tilting



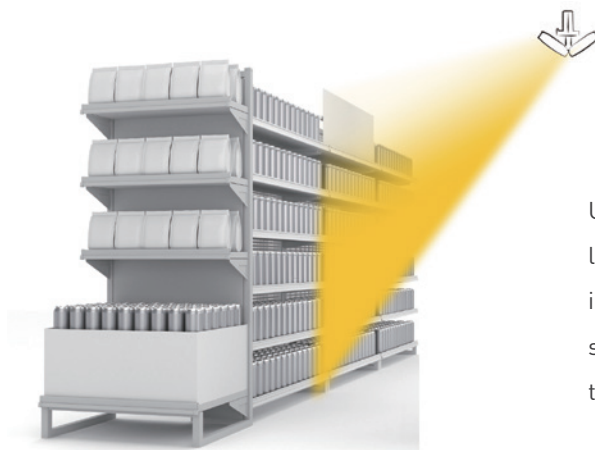
Twin tiltable wings, tilting range: 30°



Optic angle: 30° x 90°
Tilting: 0°

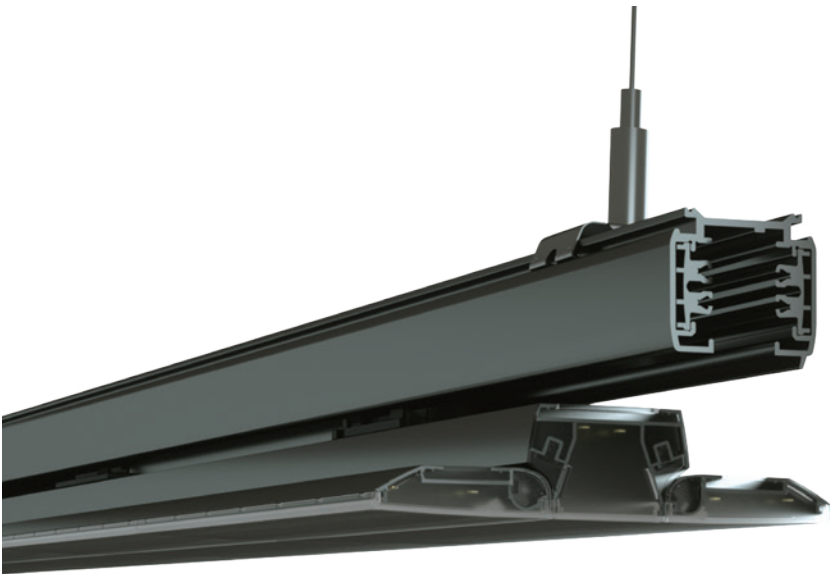


Optic angle: 30° x 90°
Tilting: 30°



Unique asymmetric optical design, produce different luminous intensity in vertical illuminance, the luminous intensity gradually enhances from top to bottom of the shelves, achieve illuminance Uniformity at any height of the shelves.

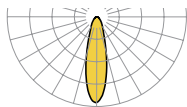
AURA-T: Central linear light with twin wings tilting



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



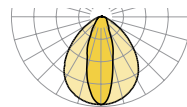
Optic angle: 30° x 30°
Tilting: 0°



Optic angle: 30° x 30°
Tilting: 30°



Optic angle: 30° x 90°
Tilting: 0°



Optic angle: 30° x 90°
Tilting: 30°



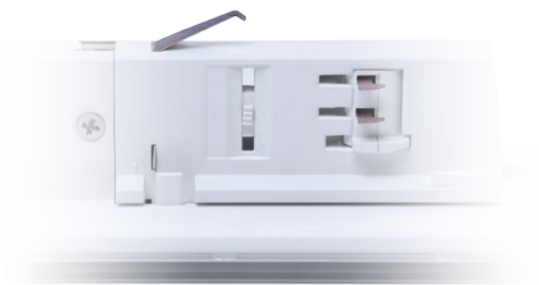
Flexible Solution

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

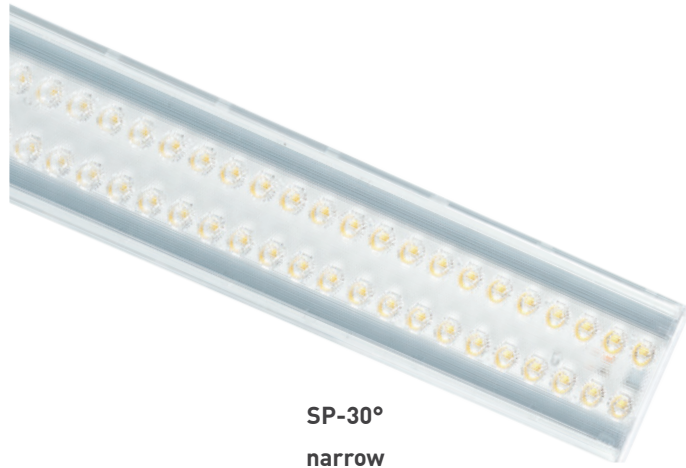


Output Selectable Driver, convenient for inventory





AURALED

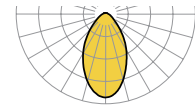


**SP-30°
narrow**

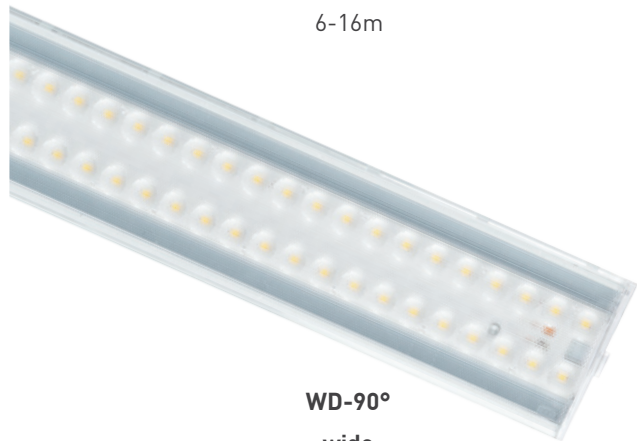


3,200-9,000 lm
Installation height:
6-16m

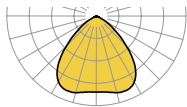
**NR-60°
narrow**



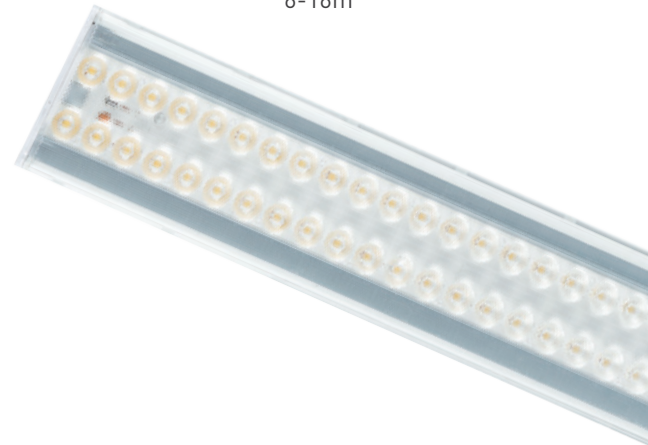
3,200-9,000 lm
Installation height:
6-16m



**WD-90°
wide**



3,200-9,000 lm
Installation height:
3-5m



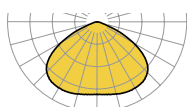
**DS
double asymmetrical**



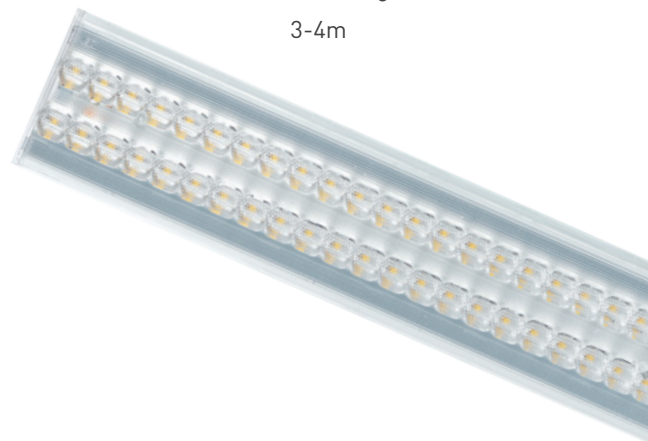
3,200-9,000 lm
Installation height:
3-4m



**FD-120°
Extremely wide**



2,900-8,250 lm
Installation height:
4-6m



Order Number List - AURA-T 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	SW-			
			57	FD-				
			65	FF-				

Code Definition

CTLS = AURA-T Track linear system

Type:

1 = K1

2 = K2

3 = K3

Length:

06 = 600mm

12 = 1200mm

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

SW= sharp 30° x 90°

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

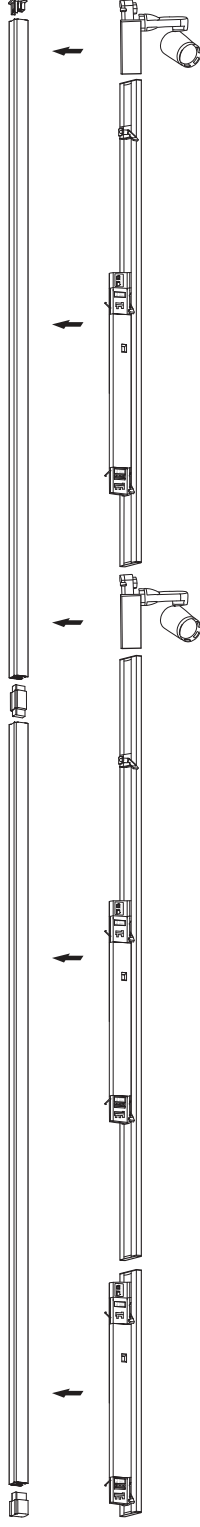


e.g.: CTLS3-1550-50NR-06WH-DT6

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

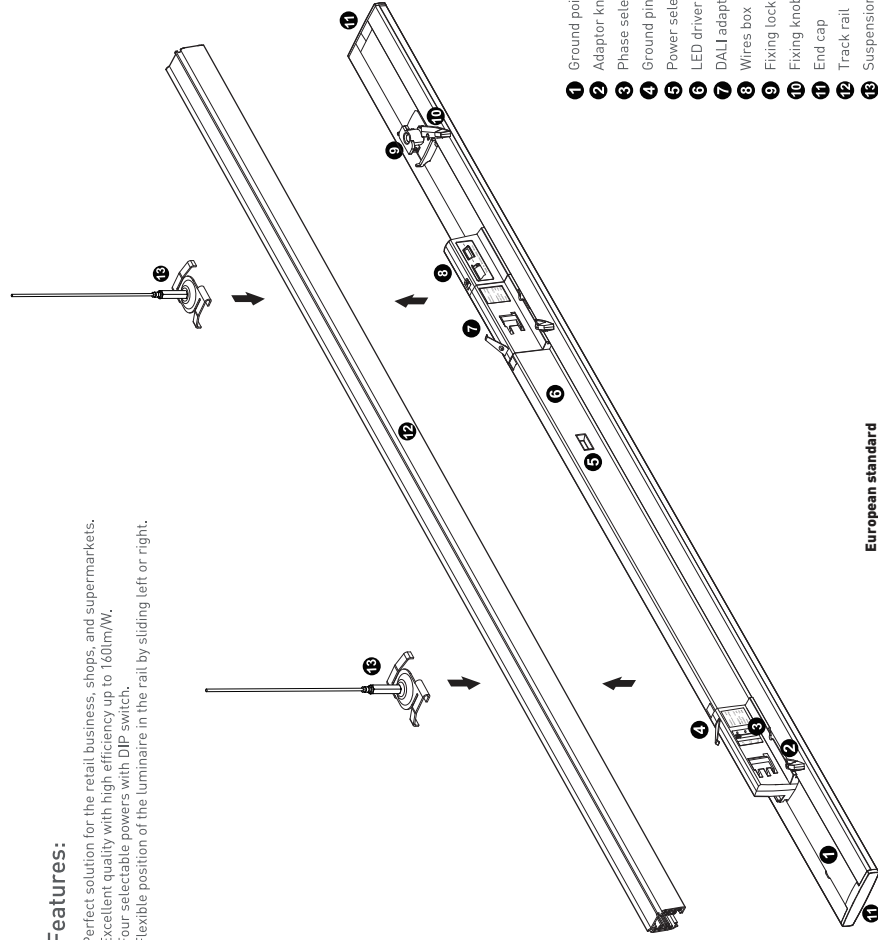
Safety notes:

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 3-wires/1-phases or 4-wires/3-phases or 6-wires/3-phases DALI Track rails.



Features:

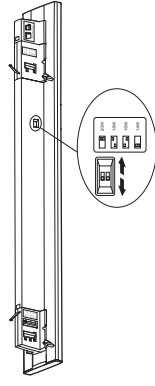
Perfect solution for the retail business, shops, and supermarkets.
 Excellent quality with high efficiency up to 160lm/W.
 Four selectable powers with DIP switch.
 Flexible position of the luminaire in the rail by sliding left or right.



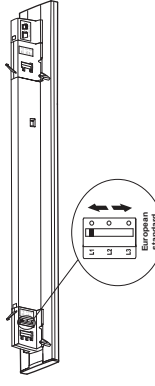
- 1 Ground point
- 2 Adaptor knob
- 3 Phase selector
- 4 Ground pin
- 5 Power selector
- 6 LED driver
- 7 DALI adaptor
- 8 Wires box
- 9 Fixing lock
- 10 Fixing knob
- 11 End cap
- 12 Track rail
- 13 Suspension kit

European standard

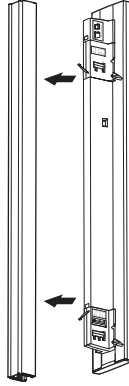
Step 1
 Set the power in the **5 power selector** DIP switch.



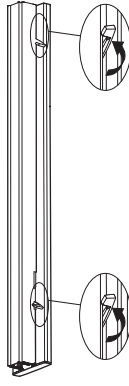
Step 2
 Choose the phase/circuit in the **3 phase selector** DIP switch.



Step 3
 Insert the T-line luminaire into the **12 track rail** with the correct direction.

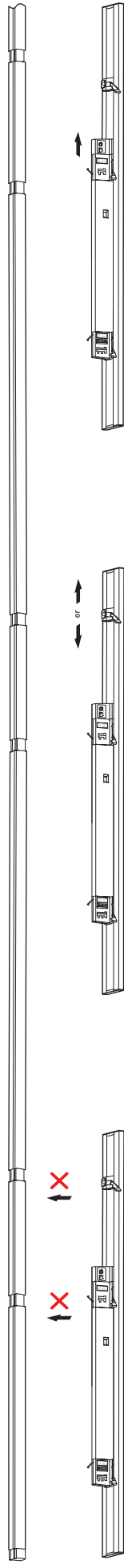


Step 4
 Lock the luminaire with the **2 adaptor knob** and the **10 fixing knob** by rotating the knobs clockwise.



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 **9 Fixing lock**, 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 5**.

Step 1

Slide the **9 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.



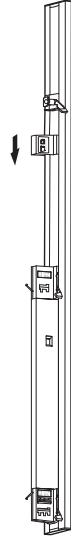
Step 3

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



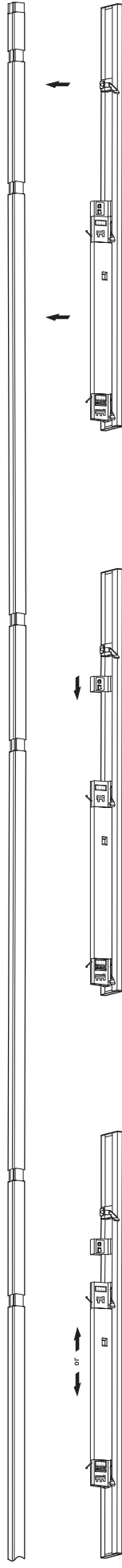
Step 4

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



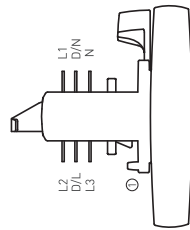
Step 5

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



Track rail

3-wires/1-phases
4-wires/3-phases
6-wires/3-phases



L1 L1 as a phase

L2 L2 as a phase

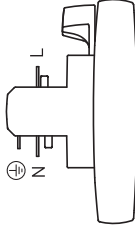
L3 L3 as a phase

N Neutral Conductor

D/L Positive of DALI input

D/N Negative of DALI input

0 Positioning Knob



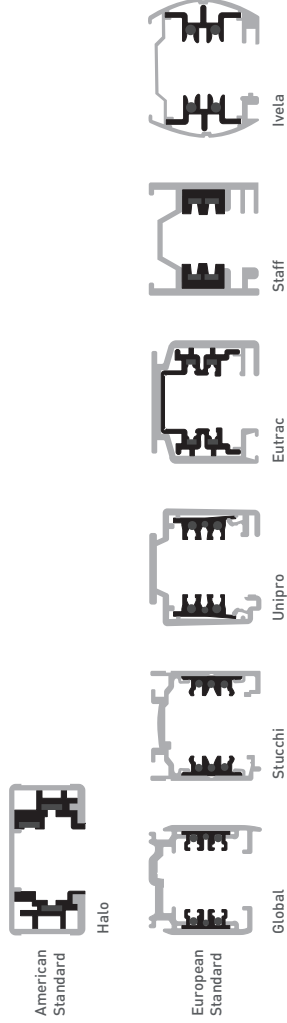
0 Ground Conductor

N Neutral Conductor

L Live Conductor

Recommend track rail brands

Pay attention to the positioning knob. No Reverse Mount!
Improper installation may cause irreparable damage.



Luminaire Characteristics | 20W/50W

Product Description

Flexibly Combine with track spotlights

Continuous line

Application

Commercial

Industrial



Model No.	AL-0620/CTLS-0620-DT6	AL-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

Electrical Characteristics | Output Selectable Driver | 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.	AL-CSD2T-50	AL-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	0.96/1.09/1.22/1.3
Max output power	58W	5A 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



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