

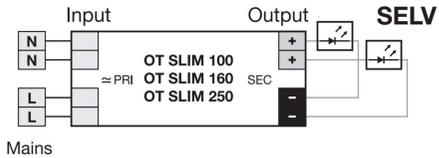
## GENERAL INFORMATION

- 1) A qualified electrician, in accordance with IEE wiring regulations should carry out connection to mains wiring.
- 2) Electrical Class I or II luminaire - see wiring diagrams below
- 3) Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
- 4) Cleaning of reflectors and lenses should be carried out using clean, soft and lint free cloths and anti-static cleaning fluid
- 5) Do not carry out high voltage insulation test, i.e. 500/1000v this may damage internal components.

CNSLD20



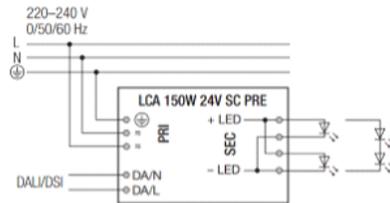
CNSLD100/250



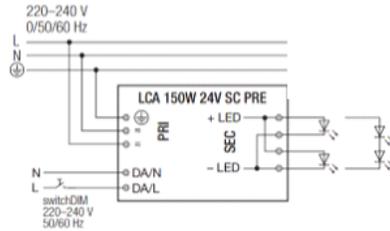
Mains

SEE PRODUCT SPECIFICATION AND DRIVER SELECTION TABLE FOR  
MAXIMUM REEL LENGTHS FOR DRIVERS.

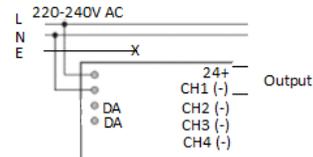
CSFDY150 FOR DALI/DSI



CSFDY150 FOR SWITCH DIM



CSFDY80



SEE DRIVER DATASHEET FOR DIP SWITCH SETTINGS/  
NUMBER OF CHANNELS

TECHNICAL SUPPORT

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<http://www.whitecroftlighting.com/>



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# Whitecroft Lighting Limited

Burlington Street, Ashton-under-Lyne, Lancashire OL7 0AX

Telephone 0161 330 6811 Facsimile: 0161 331 5855

Registered No. 3848973 England

Registered Office: As above

## Product specification

Ambient Temperature	-40 to +50°C
Voltage	24V DC
Ingress Protection	IP00

Starline Multi-Flex Low Density LD

Starline Multi-Flex LD	Code	Lumens per reel	Watts per reel	LL/CW
5.6W/m, 542 lm/m, 2700K, 14m	SFLD127K	7588	78	97
8.6W/m, 1084 lm/m, 2700K, 7m	SFLD227K	7588	60	126
15.4W/m, 1616 lm/m, 2700K, 4.2m	SFLD327K	6787	65	105
5.6W/m, 542 lm/m, 3000K, 14m	SFLD130K	7588	78	97
8.6W/m, 1106 lm/m, 3000K, 7m	SFLD230K	7742	60	129
15.4W/m, 1684 lm/m, 3000K, 4.2m	SFLD330K	7073	65	109
5.6W/m, 575 lm/m, 4000K, 14m	SFLD140K	8050	78	103
8.6W/m, 1160 lm/m, 4000K, 7m	SFLD240K	8120	60	135
15.4W/m, 1811 lm/m, 4000K, 4.2m	SFLD340K	7606	65	117

Maximum number of LED reels per driver

Driver type	Code	14m, 78W	7m, 60W	4.2m, 65W
Fixed output 20W	CNSLD20	1 (max 2m)	1 (max 2m)	1 (max 1m)
Fixed output 100W	CNSLD100	1	1	1
Fixed output 180W	CNSLD180	2	2	2
Fixed output 250W	CNSLD250	2	3	3
Dali dimming 80W	CSFDY80	1 (max 12m)	1	1
Dali dimming 150W	CSFDY150	1	2	2

Note: Multiple reels should be wired in parallel, not in series

## Information to consider before install:

- Map layout and orientation before making any cuts.
- Check polarity will be correct on layout.
- Allow 20-30mm extra trunking if being used so end caps can be fitted correctly.
- Avoid mechanical stress on the tape, for example any sharp bends that may cause kinks in the tape.
- Make sure surface is clean and smooth to get a strong bond.
- Cut length 70mm

## Soldering

Lead wires can be soldered on to the tape using the designated soldering pads, polarity **MUST** be checked before soldering. The maximum soldering time is 3 seconds and the solder temperature must not exceed 662°F (350°C). Once soldered the connection can be shrink wrapped using a heat gun (both not provided).

## Quick Connect

The tape can be connected using a Quick connector (not included see website). To apply peel back the back off the tape roughly 15-20mm and place it in open connector making sure the polarity is correct and the contact pads are engaged, once correct close the connector.

## Surface preparation

If the tape is being applied directly to a surface make sure it is clean and smooth to get a good bond with the tape. If not use an alcohol solution to wipe down the surface and leave to dry. If the surface is not smooth then paint or primer can be added to help the bond.