Wiring Information

CNSLD20

230-240 V AC
L
N

CNSLD100 / 250

Input   Output   **SELV**

N
N
≃ PRI   OT SLIM 100
      OT SLIM 160   SEC
L   OT SLIM 250
L

Mains

CSFDY150 DALI

220–240 V
0/50/60 Hz
L
N

LCA 150W 24V SC PRE
PRI   SEC   + LED
         – LED

DALI/DSI
DA/N
DA/L

CSFDY150 switchDIM

220–240 V
0/50/60 Hz
L
N

LCA 150W 24V SC PRE
PRI   SEC   + LED
         – LED

N
L
DA/N
DA/L
switchDIM
220–240 V
50/60 Hz

CSFDY80

220-240V AC
L
N
E
X
     24+
     CH1 (-)   Output
     CH2 (-)
DA   CH3 (-)
DA   CH4 (-)

SEE DRIVER DATASHEET FOR DIP SWITCH SETTINGS/
NUMBER OF CHANNELS
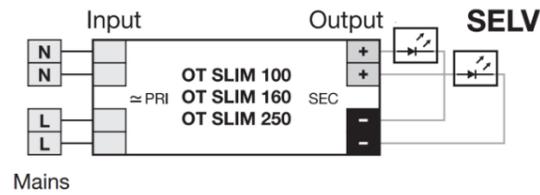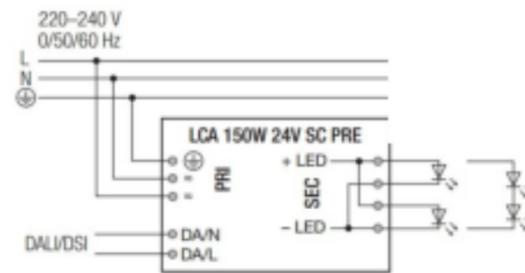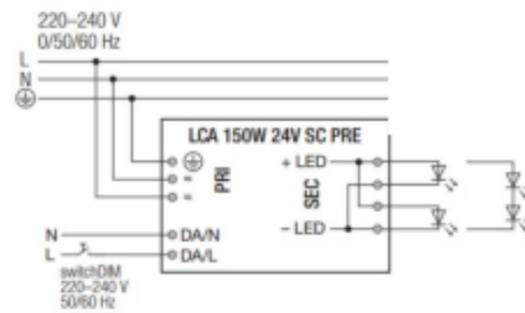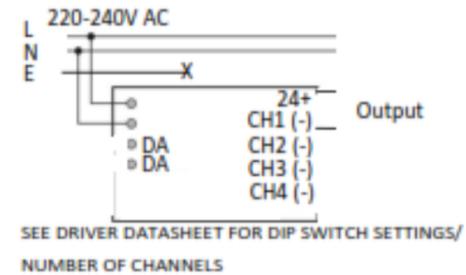
Optional Accessories

Encapsulation Kit
(SF67ENCAPKIT)

Encapsulation Tool
(SF67ENCAPTOOL)

Flex Mounting Clips
(SF67CLIP)

Required Accessories

Connector from reel to driver
with 2m lead and end caps
(pack of 5) **(SF67CON1)**
2 core 0.34mm cable to open end

TECHNICAL SUPPORT

Telephone: 0161 331 5700

E-mail: technical@whitecroftlight.com

http://www.whitecroftlighting.com/

Starline Flex IP67

Installation Instructions

PK/LEAFLETSF   REV E—OCT 2021

Product Specification

	SF67W13K	SF67W14K	SF67W23K	SF67W24K
Colour Temperature (K)	2900	4300	2900	4300
Power (W/m)	5	5	10	10
Watt/Reel (W)	37.5	37.5	50	50
Efficiency (Lm/w)	118	118	118	118
Current (A)	1.5 A /25mA per step	1.5 A /25mA per step	2A /50mA per step	2 A /50mA per step
Voltage	24	24	24	24
Ingress Protection	IP67	IP67	IP67	IP67
Lumen (Lm)	390	400	780	1000
Reel Length (m)	7.5	7.5	5	5

IP67 IS ACHIEVED WHEN SEALING STARLINE FLEX WITH THE ENCAPSULATION KIT, OTHERWISE IP40

Safety Information

-Starline Flex must not be operated in a rolled up condition.

-Avoid electrostatic discharge.

-Do not look directly into the right light source.

Product Information

-Avoid any mechanical stress on the flex tape.

-Starline Flex can be cut at numerous locations indicated by a dashed line on the tape at 125mm intervals.

-The minimum bend radius of the tape is 3cm

 -**The mounting surface must be dry, clean and free of grease ,oil, silicone and dirt.**

General Information

1) A qualified electrician, in accordance with IEE wiring regulations, should carry out mains connections.

2) Ensure that the rated luminaire voltage and frequency requirements are compatible with the available mains voltage.

3) Do not carry out high voltage insulation test, i.e 500/1000v as this may damage the components.

4) It is recommended that flex mounting clips and adhesive tape is used.

5) To prevent dark spots Flex mounting clips should be positing so they are not covering an LED.

Max 1 reel when wired in series. Multiple reels must be wired in parallel.

	Code	Low output, 7.5m (37.5W)	Medium output, 5m (50W)
Fixed output 20W	CNSLD20	1 (max 3m)	1 (max 1.5m)
Fixed output 100W	CNSLD100	2	1.5
Fixed output 250W	CNSLD180	5	4
Dali dimming 80W	CSFDY80	1.5	1
Dali dimming 150W	CSFDY150	3	2

Installation Instructions

1.Unroll the tape and cut at the desired length along the dotted cutting line. Make sure that a minimum bending radius of 3 cm is observed.

3CM

BEND DIRECTION
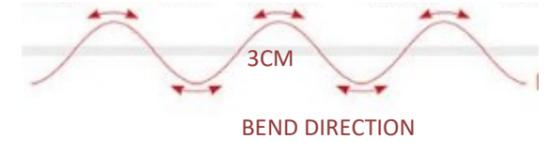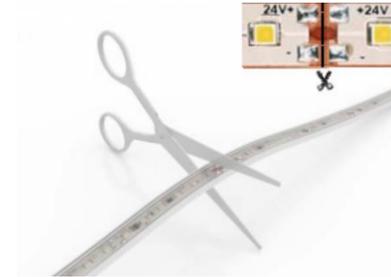
2.Insert the tape into the lower part of the two-part connector.
The correct polarity must be strictly observed otherwise the product will fail.

3.Click the upper and lower part of the connecter together by placing the upper part of the connector on the lower part of the connector.

4.To achieve IP67 protection, carefully fill the connector with sealant through the hole on the underside of the connector until filling material comes out of the small hole. This can be done using the Encapsulation Kit **(SF67ENCAPKIT)** and Encapsulating Tool **(SF67ENCAPTOOL)**

The sealant is hardened after   2 hours and completely dried after 8 hours.

5.To ensure IP67 protection at the other end of the product. The end cap must also be sealed. This can be done by applying sealant to the end of the tape then covering with the end cap.

6. To surface mount Starline Flex, peel the film off the adhesive tape on the underside of LED tape. Carefully press the LED tape flat onto the mounting surface until the adhesive holds the tape in place. Place flex mounting clips **(SF67CLIP)** over the led tap and fix into place using two countersunk screws with a diameter less than 3mm. **The mounting clips should be installed at 250mm increments and positioned so they are not covering an LED.**

Adhesive tape
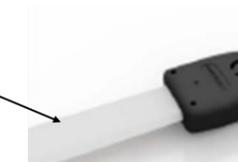
 7. Wire the Starline Flex tape into the driver.   (see wiring information on the back of this leaflet)

The drivers used with Starline flex must be constant voltage.