3rd Party Control Device Supply Leads

Wherever possible we recommend that lighting is controlled using a suitable plug-in control device selected from our extensive range of PELV sensors and switches. However, there are circumstances where using a 3rd party control device may be necessary.

3rd party control devices usually require hard wiring into an eZeBox, but these leads provide the option to plug the control directly into the eZeBox, thereby maintaining the same flex7 plug-in control philosophy and all its advantages.

2-Core

2-Core Control Lead

Typically used to plug-in a 3rd party DALI control device (assumed powered by DALI)

Diagram labels:
1
2
3
⏚
4
D2/-0v · · · · 5
D1/+10v · · · 6
white   white
D2/-0v
D1/+10v

4-Core

4-Core Control Lead

Typically used to plug-in a 3rd party on/off type control device.

Diagram labels:
Aux/L · · · 1
2
Neut · · · 3
Earth · · · ⏚
Sw/L · · · 4
5
6
L
N
E
Sw/Live

5-Core

5-Core Control Lead

Typically used to plug-in a 3rd party on/off with dimming (type DSI or DALI) control device.

(If switch live required use lead below).

Diagram labels:
Aux/L · · · 1
2
Neut · · · 3
Earth · · · ⏚
4
D2/-0v · · · 5
D1/+10v · · 6
white   white
L
N
E
D2/-0v
D1/+10v

6-Core

6-Core Control Lead

Typically used to plug-in a 3rd party on/off with dimming (type Analogue) control device.

(or DSI or DALI if switch live required).

Diagram labels:
Aux/L · · · 1
2
Neut · · · 3
Earth · · · ⏚
Sw/L · · · 4
D2/-0v · · · 5
D1/+10v · · 6
white   white
L
N
E
Sw/Live
D2/-0v
D1/+10v

Please refer to 3rd party literature to confirm exact lead requirements.

3rd party control device (sensor)

Ordering flex7 3rd Party Control Device Supply Leads

		lshf LSHF cable	3, 5, 7, 10 (length in metres)
	100 1.00mm²		
	150 1.50mm²		
*2-core only available in 1.50mm²	2-core control lead*	fw2	☐ ☐ ☐ /gc (grey)
	4-core control lead	fw4	☐ ☐ ☐ /gc (grey)
	5-core control lead	fw5	☐ ☐ ☐ /gc (grey)
	6-core control lead	fw6	☐ ☐ ☐ /gc (grey)

Other cable lengths or other types of cable (ie. Belden™ type cable as an alternative to 2-core) may be available to special order.