



3-7 Pole Plug-in Ceiling Rose

A flex  connectors Company



Issue 1

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3-7 Pole Plug-in Ceiling Rose

Prota is the world's first 7-pole 'decorative' plug-in ceiling rose. Incorporating the trusted flex7 plug and socket interface, Prota is ideal for surface installations where final connection to the luminaire has to be aesthetically pleasing.

The socket fits onto any standard BESA box. Suitable for standard, dimmable, or specialist lighting applications. The plug latches into place with a satisfying 'click' and the decorative cover, secured with a simple quarter twist, provides the finishing touch.

Available in 3-7 pole options (incl. earth).

Suitable for all lighting applications;
(simple on/off, dimmable or specialised.)

Large capacity terminals;
(easily accept 5 x 1.50mm² conductors.)

Suitable for on-load connection/disconnection of luminaires.

Easy to remove cover.

100% tested at point of manufacture.

Designed and manufactured in the UK.

Easily accessible side-facing terminals:

Side-facing terminals provide easy access for test equipment probes. Simply remove the socket cover to access. There is no need to pull the socket away from the BESA box, so no need to disturb the fixed wiring.

Socket sits completely flush to BESA box:

There is no back projection of the socket into the BESA box, which means wiring space is maximised. This reduces the risk of trapping/stressing conductors as the socket is secured.



For your convenience we supply popular Prota parts in kit form. Kits comprise a socket, a luminaire lead and a decorative cover.

We offer an extensive range of luminaire leads which minimise installation time. All variants are available in Low Smoke Halogen Free (LSHF) cable, in accordance with BS EN 50525-3-11 and CPR rated to category Cca, so you can be assured they'll meet required safety standards for public and commercial buildings.

Standard Luminaire Kit

Use with standard (on/off) luminaires.

This kit is made up of a 3-pole socket, 3-core luminaire lead with white plug, and a white decorative cover.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.



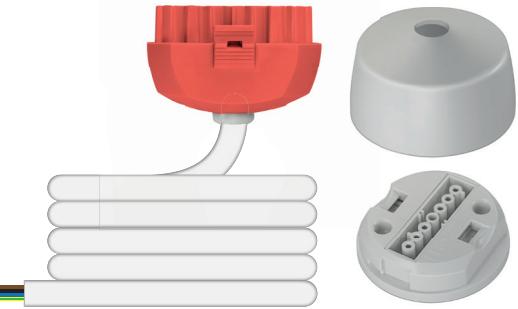
Description	PVC cable	Price	LSHF Cable	Price
0.75mm cable, 1 metre	PK375PVC1/W	£7.40	PK375LSHF1/W	£9.40
0.75mm cable, 2 metre	PK375PVC2/W	£7.58	PK375LSHF2/W	£10.38
0.75mm cable, 3 metre	PK375PVC3/W	£8.80	PK375LSHF3/W	£11.40
0.75mm cable, 4 metre	PK375PVC4/W	£10.34	PK375LSHF4/W	£12.39
0.75mm cable, 5 metre	PK375PVC5/W	£11.91	PK375LSHF5/W	£13.40
1.00mm cable, 1 metre	PK3100PVC1/W	£8.43	PK3100LSHF1/W	£9.58
1.00mm cable, 2 metre	PK3100PVC2/W	£9.29	PK3100LSHF2/W	£10.73
1.00mm cable, 3 metre	PK3100PVC3/W	£10.18	PK3100LSHF3/W	£11.91
1.00mm cable, 4 metre	PK3100PVC4/W	£11.04	PK3100LSHF4/W	£13.05
1.00mm cable, 5 metre	PK3100PVC5/W	£12.79	PK3100LSHF5/W	£15.51
1.50mm cable, 1 metre			PK3150LSHF1/W	£10.08
1.50mm cable, 2 metre			PK3150LSHF2/W	£11.64
1.50mm cable, 3 metre			PK3150LSHF3/W	£13.22
1.50mm cable, 4 metre			PK3150LSHF4/W	£14.78
1.50mm cable, 5 metre			PK3150LSHF5/W	£16.37

Emergency Luminaire Kits With Red Plug

Use with maintained emergency luminaires.

This kit is made up of a 4-pole socket, 4-core luminaire lead with red plug, and a white decorative cover.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.



Description	PVC cable	Price	LSHF Cable	Price
0.75mm cable, 1 metre	PK475PVC1/R	£9.25	PK475LSHF1/R	£10.54
0.75mm cable, 2 metre	PK475PVC2/R	£10.14	PK475LSHF2/R	£11.74
0.75mm cable, 3 metre	PK475PVC3/R	£11.05	PK475LSHF3/R	£12.98
0.75mm cable, 4 metre	PK475PVC4/R	£11.93	PK475LSHF4/R	£14.18
0.75mm cable, 5 metre	PK475PVC5/R	£12.85	PK475LSHF5/R	£15.42
1.00mm cable, 1 metre	PK4100PVC1/R	£9.48	PK4100LSHF1/R	£10.84
1.00mm cable, 2 metre	PK4100PVC2/R	£10.58	PK4100LSHF2/R	£12.32
1.00mm cable, 3 metre	PK4100PVC3/R	£11.71	PK4100LSHF3/R	£13.84
1.00mm cable, 4 metre	PK4100PVC4/R	£12.81	PK4100LSHF4/R	£15.33
1.00mm cable, 5 metre	PK4100PVC5/R	£13.94	PK4100LSHF5/R	£16.85
1.50mm cable, 1 metre			PK4150LSHF1/R	£11.52
1.50mm cable, 2 metre			PK4150LSHF2/R	£13.57
1.50mm cable, 3 metre			PK4150LSHF3/R	£15.65
1.50mm cable, 4 metre			PK4150LSHF4/R	£19.10
1.50mm cable, 5 metre			PK4150LSHF5/R	£21.20

Emergency Luminaire Kits With White Plug

Use with maintained emergency luminaires.

This kit is made up of a 4-pole socket, 4-core luminaire lead with white plug, and a white decorative cover.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.



Description	PVC cable	Price	LSHF Cable	Price
0.75mm cable, 1 metre	PK475PVC1/W	£9.19	PK475LSHF1/W	£10.47
0.75mm cable, 2 metre	PK475PVC2/W	£10.07	PK475LSHF2/W	£11.67
0.75mm cable, 3 metre	PK475PVC3/W	£10.99	PK475LSHF3/W	£12.91
0.75mm cable, 4 metre	PK475PVC4/W	£11.87	PK475LSHF4/W	£14.11
0.75mm cable, 5 metre	PK475PVC5/W	£12.79	PK475LSHF5/W	£15.35
1.00mm cable, 1 metre	PK4100PVC1/W	£9.42	PK4100LSHF1/W	£10.77
1.00mm cable, 2 metre	PK4100PVC2/W	£10.52	PK4100LSHF2/W	£12.25
1.00mm cable, 3 metre	PK4100PVC3/W	£11.65	PK4100LSHF3/W	£13.77
1.00mm cable, 4 metre	PK4100PVC4/W	£12.75	PK4100LSHF4/W	£15.26
1.00mm cable, 5 metre	PK4100PVC5/W	£13.88	PK4100LSHF5/W	£16.78
1.50mm cable, 1 metre			PK4150LSHF1/W	£11.45
1.50mm cable, 2 metre			PK4150LSHF2/W	£13.50
1.50mm cable, 3 metre			PK4150LSHF3/W	£15.58
1.50mm cable, 4 metre			PK4150LSHF4/W	£19.02
1.50mm cable, 5 metre			PK4150LSHF5/W	£21.12

Cover & Sockets

If preferred, you can purchase decorative covers, socket, and luminaire leads individually.

Prota plugs are not available unwired, but we do offer an extensive range of luminaire leads.

Decorative Cover

The Decorative Cover fits neatly over the plug and socket with a simple quarter-twist action. This ensures the cover remains securely in place, but is easy to remove when required.



Description	Part no.	Price
Decorative Cover in white (Box of 10)	PDC/W	£1.21 ea.
Decorative Cover in red (Box of 10)	PDC/R	£1.36 ea.

Sockets

Prota sockets are supplied with captivated M4 fixing screws. They mount directly to any standard BESA box. The socket sits completely flush against the conduit box, with no back projection into it. This maximises wiring space.



Side accessible terminals make testing and fault finding post installation easy and trouble-free. Terminals easily accept 5 x 1.50mm² conductors.

Description	Part no.	Price
3-Pole Socket (Box of 10)	PS03/W	£3.32 ea.
4-Pole Socket (Box of 10)	PS04/W	£3.69 ea.
5-Pole Socket (Box of 10)	PS05/W	£5.48 ea.
6-Pole Socket (Box of 10)	PS06/W	£6.01 ea.
7-Pole Socket (Box of 10)	PS07/W	£7.38 ea.

Luminaire Leads

We offer an extensive range of luminaire leads which minimise installation time. All variants are available in Low Smoke Halogen Free (LSHF) cable, in accordance with BS EN 50525-3-11 and CPR rated to category Cca, so you can be assured that they'll meet required safety standards for public and commercial buildings.

Standard Luminaire Leads

3-core luminaire lead for use with standard (on/off) luminaires. Supplied with white plug.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.



Description	PVC cable	Price	LSHF Cable	Price
0.75mm cable, 1 metre	PL375PVC1/W	£4.81	PL375LSHF1/W	£6.02
0.75mm cable, 2 metre	PL375PVC2/W	£5.51	PL375LSHF2/W	£7.03
0.75mm cable, 3 metre	PL375PVC3/W	£6.25	PL375LSHF3/W	£8.07
0.75mm cable, 4 metre	PL375PVC4/W	£6.95	PL375LSHF4/W	£9.08
0.75mm cable, 5 metre	PL375PVC5/W	£7.69	PL375LSHF5/W	£10.13
1.00mm cable, 1 metre	PL3100PVC1/W	£5.00	PL3100LSHF1/W	£6.21
1.00mm cable, 2 metre	PL3100PVC2/W	£5.88	PL3100LSHF2/W	£7.37
1.00mm cable, 3 metre	PL3100PVC3/W	£7.33	PL3100LSHF3/W	£8.58
1.00mm cable, 4 metre	PL3100PVC4/W	£8.21	PL3100LSHF4/W	£10.67
1.00mm cable, 5 metre	PL3100PVC5/W	£9.13	PL3100LSHF5/W	£11.89
1.50mm cable, 1 metre			PL3150LSHF1/W	£6.37
1.50mm cable, 2 metre			PL3150LSHF2/W	£7.94
1.50mm cable, 3 metre			PL3150LSHF3/W	£9.54
1.50mm cable, 4 metre			PL3150LSHF4/W	£12.41
1.50mm cable, 5 metre			PL3150LSHF5/W	£14.05

	PS03/W	PS04/W	PS05/W	PS06/W	PS07/W
Socket Compatability	✓	✓	✓	✓	✓

Emergency Luminaire Leads With Red Plug



Use with maintained emergency luminaires.

4-core luminaire lead for use with maintained emergency luminaires.
Supplied with red plug.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.

Description	PVC cable	Price	LSHF Cable	Price
0.75mm cable, 1 metre	PL475PVC1/R	£5.52	PL475LSHF1/R	£6.87
0.75mm cable, 2 metre	PL475PVC2/R	£6.41	PL475LSHF2/R	£8.09
0.75mm cable, 3 metre	PL475PVC3/R	£7.34	PL475LSHF3/R	£9.36
0.75mm cable, 4 metre	PL475PVC4/R	£8.24	PL475LSHF4/R	£10.58
0.75mm cable, 5 metre	PL475PVC5/R	£9.81	PL475LSHF5/R	£11.85
1.00mm cable, 1 metre	PL4100PVC1/R	£5.74	PL4100LSHF1/R	£7.16
1.00mm cable, 2 metre	PL4100PVC2/R	£6.85	PL4100LSHF2/R	£8.66
1.00mm cable, 3 metre	PL4100PVC3/R	£8.00	PL4100LSHF3/R	£10.21
1.00mm cable, 4 metre	PL4100PVC4/R	£9.11	PL4100LSHF4/R	£11.71
1.00mm cable, 5 metre	PL4100PVC5/R	£10.89	PL4100LSHF5/R	£14.31
1.50mm cable, 1 metre			PL4150LSHF1/R	£7.86
1.50mm cable, 2 metre			PL4150LSHF2/R	£9.92
1.50mm cable, 3 metre			PL4150LSHF3/R	£13.06
1.50mm cable, 4 metre			PL4150LSHF4/R	£15.13
1.50mm cable, 5 metre			PL4150LSHF5/R	£17.27

	PS03/W	PS04/W	PS05/W	PS06/W	PS07/W
Socket Compatability	✗	✓	✗	✓	✓

Emergency Luminaire Leads With White Plug

Use with maintained emergency luminaires.

4-core luminaire lead for use with maintained emergency luminaires. Supplied with white plug.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.



Description	PVC cable	Price	LSHF Cable	Price
0.75mm cable, 1 metre	PL475PVC1/W	£5.45	PL475LSHF1/W	£6.79
0.75mm cable, 2 metre	PL475PVC2/W	£6.34	PL475LSHF2/W	£8.00
0.75mm cable, 3 metre	PL475PVC3/W	£7.28	PL475LSHF3/W	£9.27
0.75mm cable, 4 metre	PL475PVC4/W	£8.17	PL475LSHF4/W	£10.50
0.75mm cable, 5 metre	PL475PVC5/W	£9.73	PL475LSHF5/W	£11.77
1.00mm cable, 1 metre	PL4100PVC1/W	£5.67	PL4100LSHF1/W	£7.07
1.00mm cable, 2 metre	PL4100PVC2/W	£6.78	PL4100LSHF2/W	£8.57
1.00mm cable, 3 metre	PL4100PVC3/W	£7.93	PL4100LSHF3/W	£10.13
1.00mm cable, 4 metre	PL4100PVC4/W	£9.04	PL4100LSHF4/W	£11.63
1.00mm cable, 5 metre	PL4100PVC5/W	£10.81	PL4100LSHF5/W	£14.21
1.50mm cable, 1 metre			PL4150LSHF1/W	£7.78
1.50mm cable, 2 metre			PL4150LSHF2/W	£9.84
1.50mm cable, 3 metre			PL4150LSHF3/W	£12.96
1.50mm cable, 4 metre			PL4150LSHF4/W	£15.03
1.50mm cable, 5 metre			PL4150LSHF5/W	£17.17

	PS03/W	PS04/W	PS05/W	PS06/W	PS07/W
Socket Compatability	✗	✓	✗	✓	✓

Dimmable Luminaire Leads

5-core luminaire lead for use with dimmable luminaires. Supplied with white plug.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.



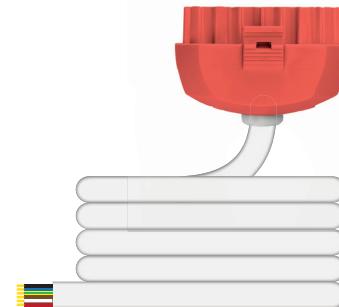
Description	LSHF Cable	Price
0.75mm cable, 1 metre	PL575LSHF1/W	£8.04
0.75mm cable, 2 metre	PL575LSHF2/W	£10.91
0.75mm cable, 3 metre	PL575LSHF3/W	£12.76
0.75mm cable, 4 metre	PL575LSHF4/W	£14.54
0.75mm cable, 5 metre	PL575LSHF5/W	£16.40
1.00mm cable, 1 metre	PL5100LSHF1/W	£9.46
1.00mm cable, 2 metre	PL5100LSHF2/W	£11.54
1.00mm cable, 3 metre	PL5100LSHF3/W	£13.69
1.00mm cable, 4 metre	PL5100LSHF4/W	£15.77
1.00mm cable, 5 metre	PL5100LSHF5/W	£17.92

	PS03/W	PS04/W	PS05/W	PS06/W	PS07/W
Socket Compatability	✗	✗	✓	✓	✓

Dimmable Emergency Luminaire Leads With Red Plug

6-core luminaire lead for use with dimmable, maintained emergency luminaires. Supplied with red plug.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.



Description	LSHF Cable	Price
0.75mm cable, 1 metre	PL675LSHF1/R	£10.30
0.75mm cable, 2 metre	PL675LSHF2/R	£12.46
0.75mm cable, 3 metre	PL675LSHF3/R	£14.70
0.75mm cable, 4 metre	PL675LSHF4/R	£16.86
0.75mm cable, 5 metre	PL675LSHF5/R	£19.11
1.00mm cable, 1 metre	PL6100LSHF1/R	£10.67
1.00mm cable, 2 metre	PL6100LSHF2/R	£13.22
1.00mm cable, 3 metre	PL6100LSHF3/R	£15.85
1.00mm cable, 4 metre	PL6100LSHF4/R	£18.40
1.00mm cable, 5 metre	PL6100LSHF5/R	£21.04

	PS03/W	PS04/W	PS05/W	PS06/W	PS07/W
Socket Compatability	✗	✗	✗	✓	✓

Dimmable Emergency Luminaire Leads With White Plug

6-core luminaire lead for use with dimmable, maintained emergency luminaires. Supplied with white plug.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.



Description	LSHF Cable	Price
0.75mm cable, 1 metre	PL675LSHF1/W	£10.20
0.75mm cable, 2 metre	PL675LSHF2/W	£12.36
0.75mm cable, 3 metre	PL675LSHF3/W	£14.60
0.75mm cable, 4 metre	PL675LSHF4/W	£16.76
0.75mm cable, 5 metre	PL675LSHF5/W	£19.01
1.00mm cable, 1 metre	PL6100LSHF1/W	£10.57
1.00mm cable, 2 metre	PL6100LSHF2/W	£13.12
1.00mm cable, 3 metre	PL6100LSHF3/W	£15.75
1.00mm cable, 4 metre	PL6100LSHF4/W	£18.30
1.00mm cable, 5 metre	PL6100LSHF5/W	£20.94

	PS03/W	PS04/W	PS05/W	PS06/W	PS07/W
Socket Compatability	✗	✗	✗	✓	✓

Luminaire Leads For Difficult Applications

7-core luminaire lead for use with bespoke luminaires eg. luminaires that have multiple switch lives. Supplied with white plug.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.



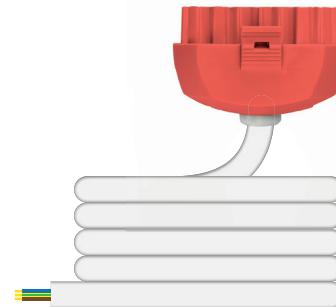
Description	LSHF Cable	Price
0.75mm cable, 1 metre	PL775LSHF1/W	£10.47
0.75mm cable, 2 metre	PL775LSHF2/W	£12.97
0.75mm cable, 3 metre	PL775LSHF3/W	£15.55
0.75mm cable, 4 metre	PL775LSHF4/W	£19.47
0.75mm cable, 5 metre	PL775LSHF5/W	£22.09
1.00mm cable, 1 metre	PL7100LSHF1/W	£10.80
1.00mm cable, 2 metre	PL7100LSHF2/W	£15.02
1.00mm cable, 3 metre	PL7100LSHF3/W	£17.98
1.00mm cable, 4 metre	PL7100LSHF4/W	£20.83
1.00mm cable, 5 metre	PL7100LSHF5/W	£23.80

	PS03/W	PS04/W	PS05/W	PS06/W	PS07/W
Socket Compatability	✗	✗	✗	✗	✓

Non-Maintained Emergency Luminaire Leads

3-core luminaire lead for use with non-maintained, emergency luminaires. Supplied with red plug.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.



Description	PVC Cable	Price	LSHF Cable	Price
0.75mm cable, 1 metre	PL375PVC1/RE	£4.88	PL375LSHF1/RE	£6.11
0.75mm cable, 2 metre	PL375PVC2/RE	£5.58	PL375LSHF2/RE	£7.11
0.75mm cable, 3 metre	PL375PVC3/RE	£6.32	PL375LSHF3/RE	£9.08
0.75mm cable, 4 metre	PL375PVC4/RE	£7.58	PL375LSHF4/RE	£10.10
0.75mm cable, 5 metre	PL375PVC5/RE	£8.34	PL375LSHF5/RE	£11.16
1.00mm cable, 1 metre	PL3100PVC1/RE	£5.61	PL3100LSHF1/RE	£6.29
1.00mm cable, 2 metre	PL3100PVC2/RE	£6.49	PL3100LSHF2/RE	£8.36
1.00mm cable, 3 metre	PL3100PVC3/RE	£7.41	PL3100LSHF3/RE	£9.59
1.00mm cable, 4 metre	PL3100PVC4/RE	£8.66	PL3100LSHF4/RE	£10.76
1.00mm cable, 5 metre	PL3100PVC5/RE	£9.59	PL3100LSHF5/RE	£11.99
1.50mm cable, 1 metre			PL3150LSHF1/RE	£6.81
1.50mm cable, 2 metre			PL3150LSHF2/RE	£8.38
1.50mm cable, 3 metre			PL3150LSHF3/RE	£9.99
1.50mm cable, 4 metre			PL3150LSHF4/RE	£12.51
1.50mm cable, 5 metre			PL3150LSHF5/RE	£14.15

	PS03/W	PS04/W	PS05/W	PS06/W	PS07/W
Socket Compatibility	✗	✓	✗	✓	✓

Permanent Supply Luminaire Leads

3-core luminaire lead for use where each luminaire has an integral PIR, and no external control device is required. Supplied with white plug.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.



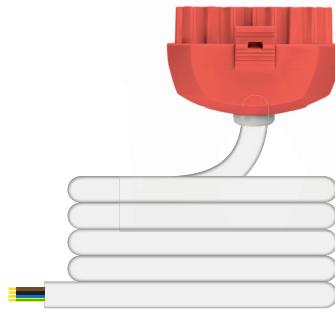
Description	PVC cable	Price	LSHF Cable	Price
0.75mm cable, 1 metre	PL375PVC1/WP	£5.34	PL375LSHF1/WP	£7.43
0.75mm cable, 2 metre	PL375PVC2/WP	£6.05	PL375LSHF2/WP	£8.45
0.75mm cable, 3 metre	PL375PVC3/WP	£6.80	PL375LSHF3/WP	£9.53
0.75mm cable, 4 metre	PL375PVC4/WP	£7.51	PL375LSHF4/WP	£10.55
0.75mm cable, 5 metre	PL375PVC5/WP	£8.26	PL375LSHF5/WP	£11.63
1.00mm cable, 1 metre	PL3100PVC1/WP	£5.53	PL3100LSHF1/WP	£7.62
1.00mm cable, 2 metre	PL3100PVC2/WP	£7.66	PL3100LSHF2/WP	£8.80
1.00mm cable, 3 metre	PL3100PVC3/WP	£8.61	PL3100LSHF3/WP	£10.04
1.00mm cable, 4 metre	PL3100PVC4/WP	£9.50	PL3100LSHF4/WP	£11.22
1.00mm cable, 5 metre	PL3100PVC5/WP	£10.45	PL3100LSHF5/WP	£12.46
1.50mm cable, 1 metre			PL3150LSHF1/WP	£8.15
1.50mm cable, 2 metre			PL3150LSHF2/WP	£9.74
1.50mm cable, 3 metre			PL3150LSHF3/WP	£11.38
1.50mm cable, 4 metre			PL3150LSHF4/WP	£12.97
1.50mm cable, 5 metre			PL3150LSHF5/WP	£14.62

	PS03/W	PS04/W	PS05/W	PS06/W	PS07/W
Socket Compatability	✗	✗	✗	✗	✓

Permanent Supply + Emergency Luminaire Leads

4-core luminaire lead for use where each maintained emergency luminaire has an integral PIR, and no external control device is required. Supplied with red plug.

All luminaire leads in the range are 100% tested and come with ferruled conductors at the free end.



Description	PVC cable	Price	LSHF Cable	Price
0.75mm cable, 1 metre	PL475PVC1/RP	£8.09	PL475LSHF1/RP	£8.45
0.75mm cable, 2 metre	PL475PVC2/RP	£9.01	PL475LSHF2/RP	£9.69
0.75mm cable, 3 metre	PL475PVC3/RP	£9.99	PL475LSHF3/RP	£10.99
0.75mm cable, 4 metre	PL475PVC4/RP	£10.91	PL475LSHF4/RP	£12.22
0.75mm cable, 5 metre	PL475PVC5/RP	£11.90	PL475LSHF5/RP	£13.53
1.00mm cable, 1 metre	PL4100PVC1/RP	£8.29	PL4100LSHF1/RP	£8.73
1.00mm cable, 2 metre	PL4100PVC2/RP	£9.42	PL4100LSHF2/RP	£10.24
1.00mm cable, 3 metre	PL4100PVC3/RP	£10.63	PL4100LSHF3/RP	£11.83
1.00mm cable, 4 metre	PL4100PVC4/RP	£11.76	PL4100LSHF4/RP	£13.35
1.00mm cable, 5 metre	PL4100PVC5/RP	£12.97	PL4100LSHF5/RP	£14.93
1.50mm cable, 1 metre			PL4150LSHF1/RP	£9.45
1.50mm cable, 2 metre			PL4150LSHF2/RP	£11.52
1.50mm cable, 3 metre			PL4150LSHF3/RP	£13.67
1.50mm cable, 4 metre			PL4150LSHF4/RP	£15.75
1.50mm cable, 5 metre			PL4150LSHF5/RP	£17.90

	PS03/W	PS04/W	PS05/W	PS06/W	PS07/W
Socket Compatability	✗	✗	✗	✗	✓

DALI and DALI + Emergency Luminaire Leads

Use with luminaires that are controlled solely by a DALI signal (or similar protocol) and as such do not require mains rated switched live.

Luminaire leads ending "D" derive their permanent supply separately to the emergency supply (non-emergency luminaires remain operational during an emergency test).

Luminaire leads ending "X" derive their permanent supply from the emergency supply (non-emergency luminaires turn off during an emergency test).

DALI Luminaire Leads

5-core luminaire lead for use with luminaire controlled by DALI (or similar) protocol. Supplied with white plug.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.

This luminaire lead has no facility for a switched live.

Non-emergency luminaires remain operational during emergency test.



Description	LSHF Cable	Price
0.75mm cable, 1 metre	PL575LSHF1/WD	£9.78
0.75mm cable, 2 metre	PL575LSHF2/WD	£11.56
0.75mm cable, 3 metre	PL575LSHF3/WD	£13.43
0.75mm cable, 4 metre	PL575LSHF4/WD	£15.22
0.75mm cable, 5 metre	PL575LSHF5/WD	£17.09
1.00mm cable, 1 metre	PL5100LSHF1/WD	£10.12
1.00mm cable, 2 metre	PL5100LSHF2/WD	£12.20
1.00mm cable, 3 metre	PL5100LSHF3/WD	£14.36
1.00mm cable, 4 metre	PL5100LSHF4/WD	£16.44
1.00mm cable, 5 metre	PL5100LSHF5/WD	£18.61

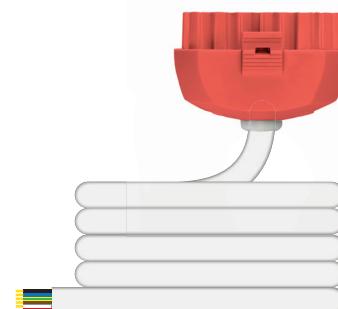
	PS03/W	PS04/W	PS05/W	PS06/W	PS07/W
Socket Compatability	✗	✗	✗	✗	✓

DALI + Maintained Emergency Luminaire Lead

6-core luminaire lead for use with maintained emergency luminaire controlled by DALI (or similar) protocol. Supplied with red plug.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.

This luminaire lead has no facility for a switched live.
Non-emergency luminaires remain operational during emergency test.



Description	LSHF Cable	Price
0.75mm cable, 1 metre	PL675LSHF1/RD	£11.02
0.75mm cable, 2 metre	PL675LSHF2/RD	£13.18
0.75mm cable, 3 metre	PL675LSHF3/RD	£15.44
0.75mm cable, 4 metre	PL675LSHF4/RD	£17.61
0.75mm cable, 5 metre	PL675LSHF5/RD	£19.87
1.00mm cable, 1 metre	PL6100LSHF1/RD	£11.38
1.00mm cable, 2 metre	PL6100LSHF2/RD	£13.93
1.00mm cable, 3 metre	PL6100LSHF3/RD	£16.58
1.00mm cable, 4 metre	PL6100LSHF4/RD	£19.14
1.00mm cable, 5 metre	PL6100LSHF5/RD	£21.79

	PS03/W	PS04/W	PS05/W	PS06/W	PS07/W
Socket Compatability	✗	✗	✗	✗	✓

DALI +/or Maintained Emergency Luminaire Lead With White Plug

5-core luminaire lead for use with luminaire or maintained emergency luminaire controlled by DALI (or similar) protocol. Supplied with white plug.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.

This luminaire lead has no facility for a switched live.
Non-emergency luminaires turn off during emergency test.



Description	LSHF Cable	Price
0.75mm cable, 1 metre	PL575LSHF1/WX	£9.78
0.75mm cable, 2 metre	PL575LSHF2/WX	£11.56
0.75mm cable, 3 metre	PL575LSHF3/WX	£13.43
0.75mm cable, 4 metre	PL575LSHF4/WX	£15.22
0.75mm cable, 5 metre	PL575LSHF5/WX	£17.09
1.00mm cable, 1 metre	PL5100LSHF1/WX	£10.12
1.00mm cable, 2 metre	PL5100LSHF2/WX	£12.20
1.00mm cable, 3 metre	PL5100LSHF3/WX	£14.36
1.00mm cable, 4 metre	PL5100LSHF4/WX	£16.44
1.00mm cable, 5 metre	PL5100LSHF5/WX	£18.61

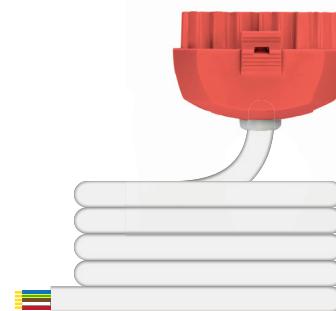
	PS03/W	PS04/W	PS05/W	PS06/W	PS07/W
Socket Compatibility	✗	✗	✗	✗	✓

DALI +/or Maintained Emergency Luminaire Lead With Red Plug

5-core luminaire lead for use with luminaire or maintained emergency luminaire controlled by DALI (or similar) protocol. Supplied with red plug.

All luminaire leads in the range are 100% tested, and come with ferruled conductors at the free end.

This luminaire lead has no facility for a switched live.
Non-emergency luminaires turn off during emergency test.



Description	LSHF Cable	Price
0.75mm cable, 1 metre	PL575LSHF1/RX	£9.88
0.75mm cable, 2 metre	PL575LSHF2/RX	£11.67
0.75mm cable, 3 metre	PL575LSHF3/RX	£13.54
0.75mm cable, 4 metre	PL575LSHF4/RX	£15.33
0.75mm cable, 5 metre	PL575LSHF5/RX	£17.20
1.00mm cable, 1 metre	PL5100LSHF1/RX	£10.22
1.00mm cable, 2 metre	PL5100LSHF2/RX	£12.30
1.00mm cable, 3 metre	PL5100LSHF3/RX	£14.46
1.00mm cable, 4 metre	PL5100LSHF4/RX	£16.55
1.00mm cable, 5 metre	PL5100LSHF5/RX	£18.71

	PS03/W	PS04/W	PS05/W	PS06/W	PS07/W
Socket Compatibility	✗	✗	✗	✗	✓

Technical Information

Plug, Socket & Decorative Cover

SUPPLY VOLTAGE:	230V~
CURRENT RATING:	6A
FREQUENCY:	50Hz
INGRESS PROTECTION:	IP2X
MATERIAL SPECIFICATION:	PA6, Halogen Free, UL94 V0 (moulded components) CZ108, CZ121 (conductive components)
TERMINAL CAPACITY (SOCKET):	5 x 1.50mm ² , 3 x 2.50mm ² , 2 x 4.00mm ² , 1 x 6.00mm ²
OPERATING TEMPERATURE:	-5°C / +40°C
CONFORMANCE:	BS 5733 LVD 2014/35/EU RoHS 2011/65/EU

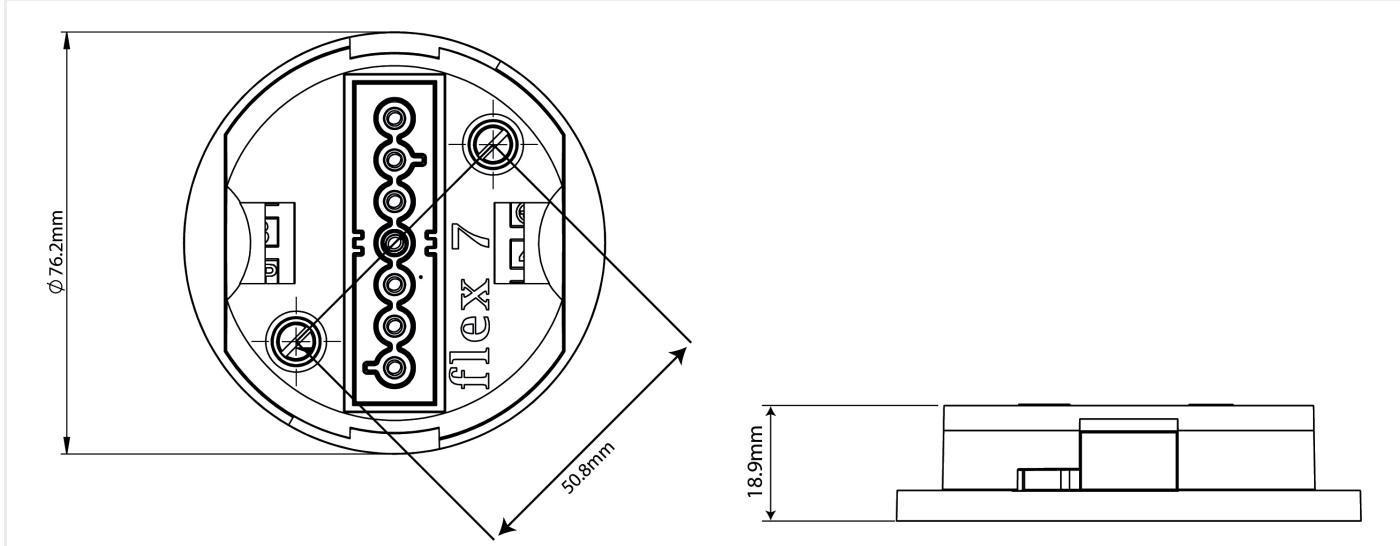
LSHF Cable

RATED VOLTAGE:	300V / 500V
CONDUCTOR SPECIFICATION:	Class 5 Copper to EN 60228 0.75mm ² , 1.00mm ² , 1.50mm ² 3-core, 4-core, 5-core, 6-core, 7-core (incl. earth)
CONDUCTOR INSULATION:	Low Smoke Halogen Free (T16)
SHEATH INSULATION:	Low Smoke Halogen Free (TM7)
CONFORMANCE:	BS EN 50525-3-11 CPR (System 1+) - Cca s1b, d2, a1

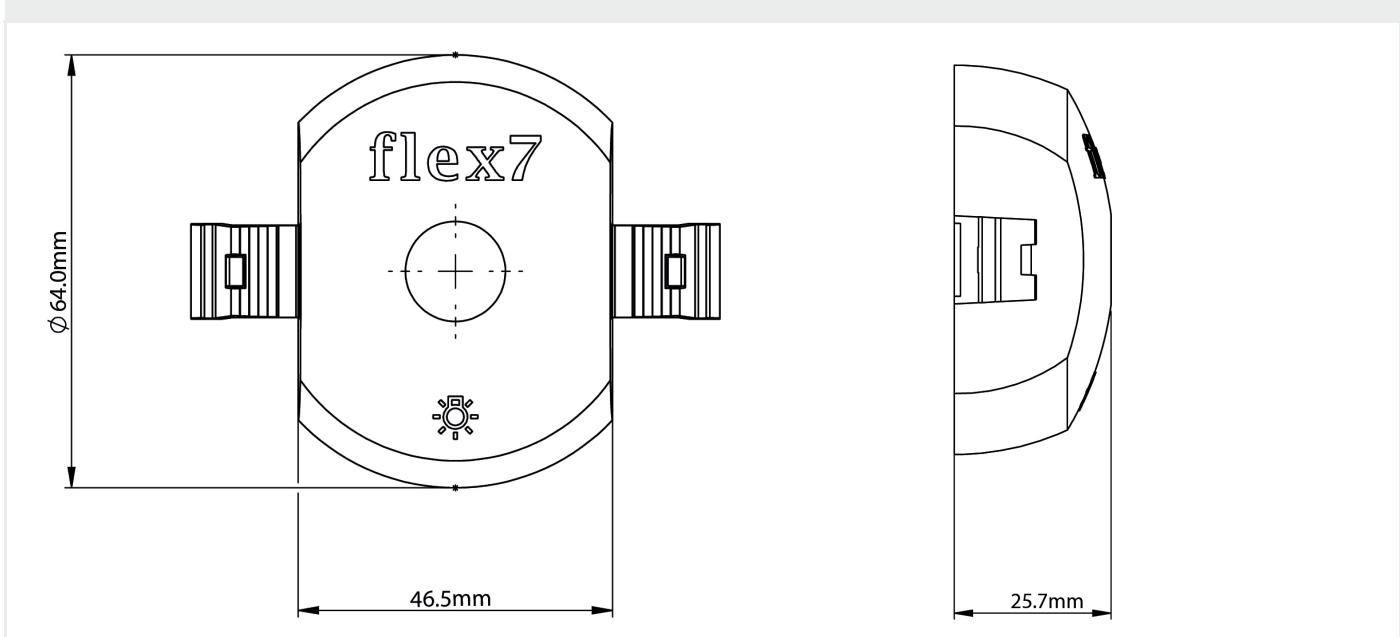
PVC Cable

RATED VOLTAGE:	300V / 500V
CONDUCTOR SPECIFICATION:	Class 5 Copper to EN 60228 0.75mm ² , 1.00mm ² 3-core, 4-core (incl. earth)
CONDUCTOR INSULATION:	PVC (T12)
SHEATH INSULATION:	PVC (TM2)
CONFORMANCE:	BS EN 50525-2-11 CPR (System 3) - Eca BASEC Approved

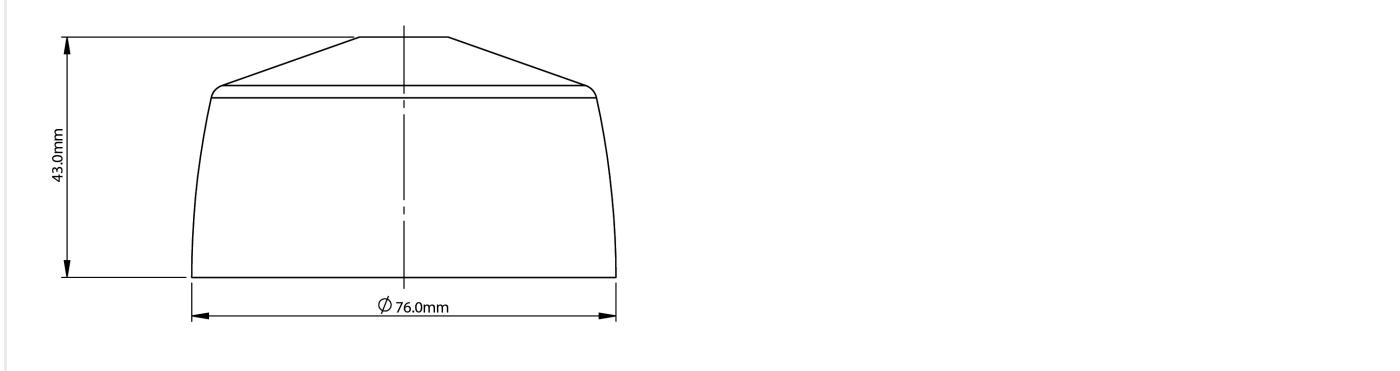
Socket Dimensions



Plug Dimensions



Decorative Cover Dimensions



Modular Lighting Connection

flex7 is a modular lighting connection and control system. It simply plugs together on site, saving up to 60% installation time.



For more information on our extensive range of products visit
www.flex7.co.uk



Sensor Head Options

Unobtrusive & Discrete
Fits a 32mm aperture
Protected Extra Low Voltage
RJ11 Connectivity
Installed in seconds
No on-site termination



Plug-in Switches

Use with any Euromod fascia
Part M Building Regs.
Protected Extra Low Voltage
RJ11 Connectivity
Installed in seconds
No on-site termination

Modular System

Extend supply & control circuits.
Extend supply circuit only
Easily add extra outlets
Easily add extra controls
No on-site termination



Plug-in Control Packs

Auto-dimming (daylight linking)
Manual switching/dimming
Emergency luminaire test
RJ11 Connectivity
Installed in seconds
No on-site termination



Extender Leads

Luminaire to luminaire (long rows)
Isolation point close to luminaire
Isolate/remove individual luminaire whilst others remain operational
Fewer joints than conventional "T" System
No on-site termination



7-Pole Lighting System

Standard (on/off) or dimmable luminaires
Maintained emergency luminaires
Non-maintained emergency luminaires
Special luminaires.
Also
Extract fans (with or without run on)
HVAC equipment & AHU Supplies

Contact Details

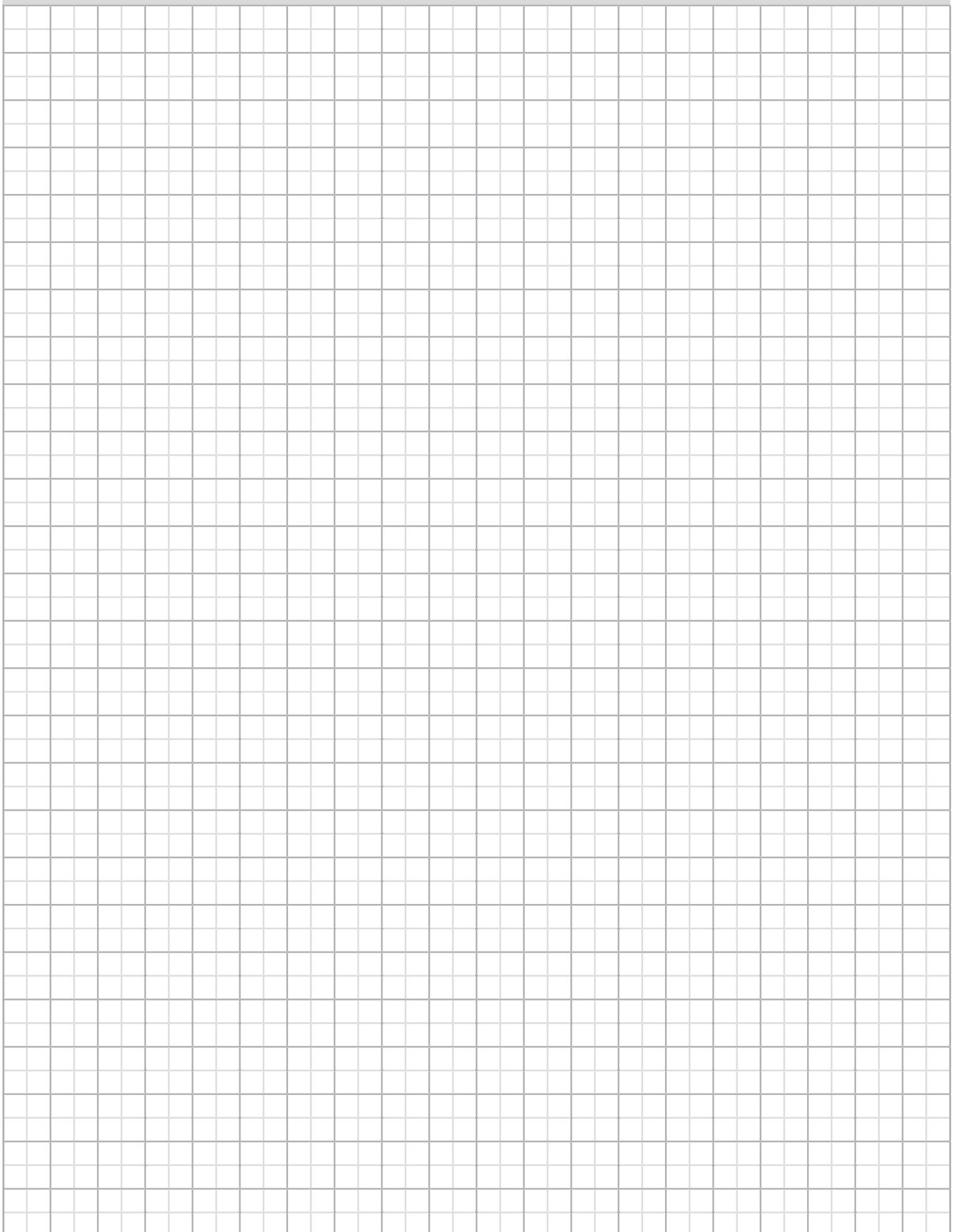
flex7 Ltd
Ruscombe Business Park
Ruscombe Lane
Twyford
Berks RG10 9LR

General enquiries: info@flex7.co.uk
Sales enquiries: sales@flex7.co.uk

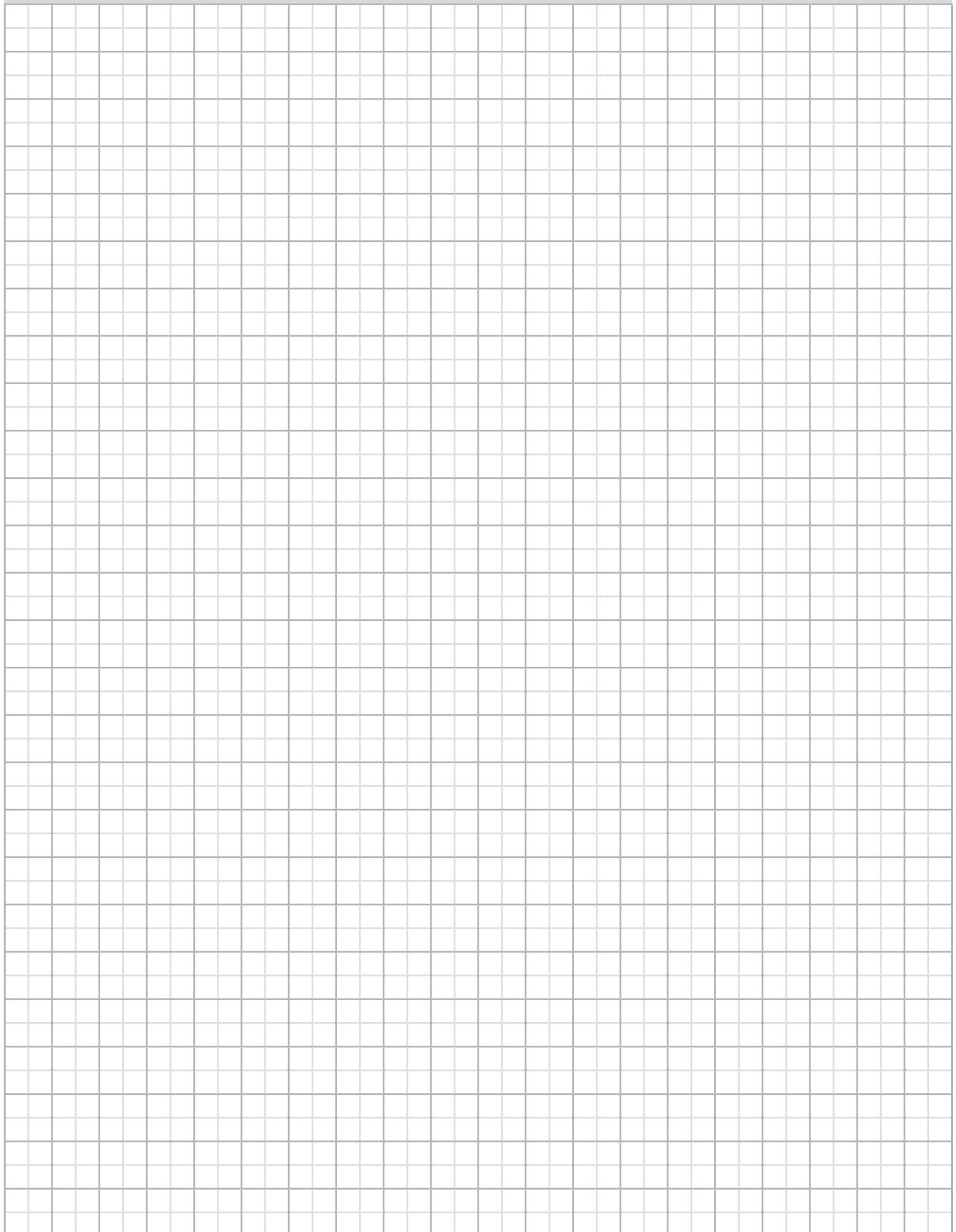
Tel: +44 (0)20 8580 1066
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Notes



Notes





3-7 Pole Plug-in Ceiling Rose

A flex  connectors Company



Issue 1