

LOW VOLTAGE

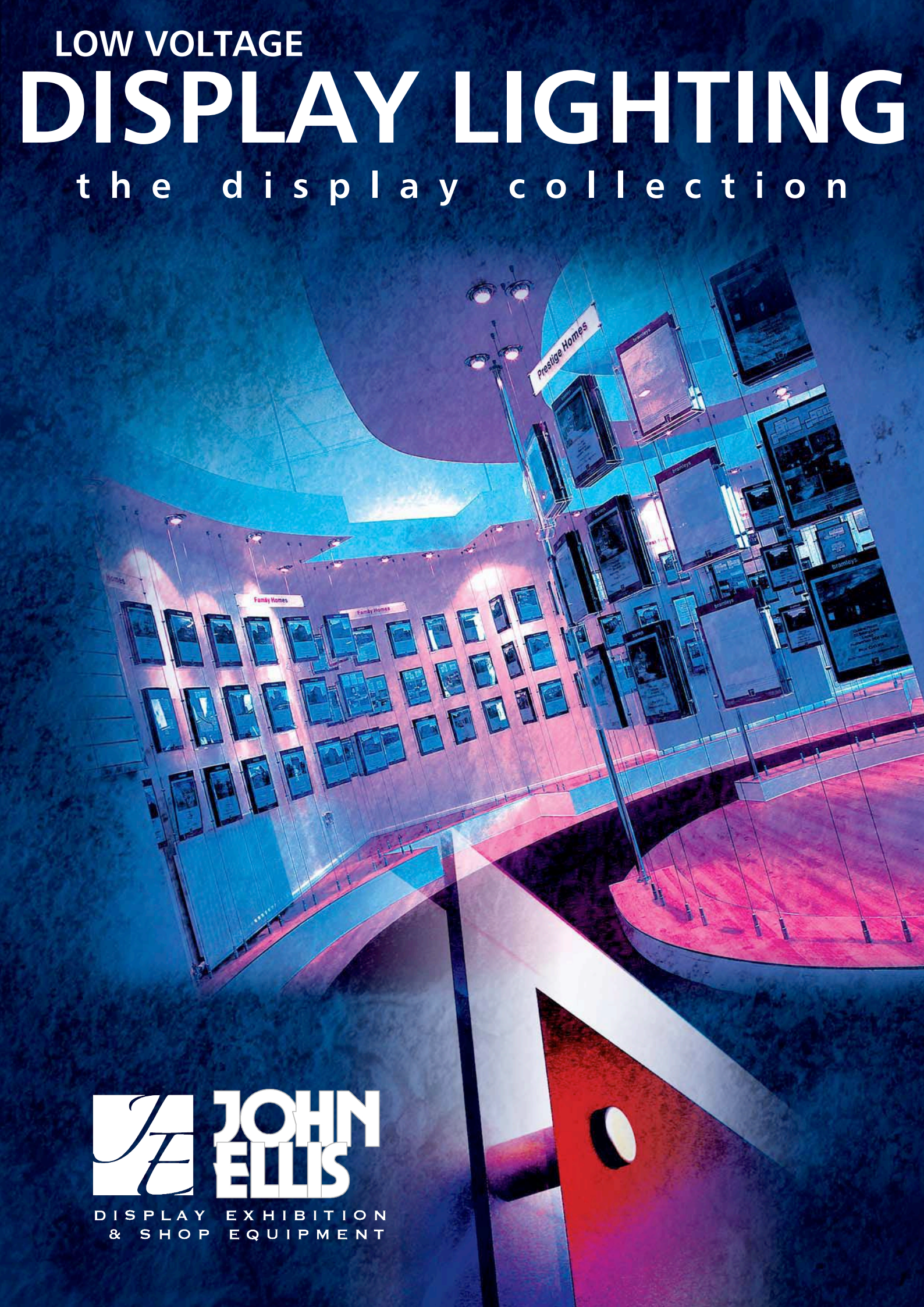
DISPLAY LIGHTING

the display collection



**JOHN
ELLIS**

DISPLAY EXHIBITION
& SHOP EQUIPMENT





Adding low voltage lighting to your cable or rod displays will increase visual impact and increase your sales by up to 107%

- Quick and easy to install
- Light fittings are easy to specify - just follow our step-by-step guide on the next page
- All you need to complete the installation is an electrical spur, positioned within 2m of the transformer
- No need to use special cables - our lighting uses our standard cables or rods, retaining strength and load bearing capacity

add
visual
impact

increase
sales

high
quality

easy to
install



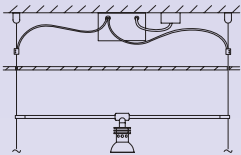
HOW MANY LIGHTS CAN I PUT ON ONE PAIR OF CABLES*?

The answer to this lies in the type of light you have selected

Single lights are powered on a 12V system and require a 60W transformer (order code LT60-12)

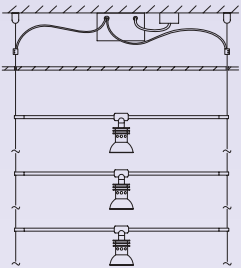
This means on one pair of cables fitted with a 60W transformer you can have:

1 x 50W light



or

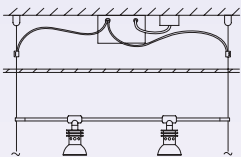
Up to 3 x 20W lights



Double lights are powered on a 24V system and require a 100W transformer (order code LT100-24)

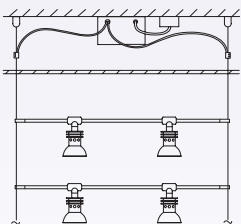
This means on one pair of cables fitted with a 100W transformer you can have:

2 x 50W lights



or

Up to 4 x 20W lights



***Remember, only one transformer per pair of cables.**

For light configurations other than those above, please call.

Choosing your lighting

JOHN ELLIS
DISPLAY EXHIBITION & SHOP EQUIPMENT

This guide will help you choose the right lights for your displays and ensure you select all the right component parts, giving you easy, problem-free installation.

When you know what your display is going to look like and consist of (display panels, shelves, leaflet holders), you can choose lights to maximise their impact. Just follow this easy step-by-step guide:

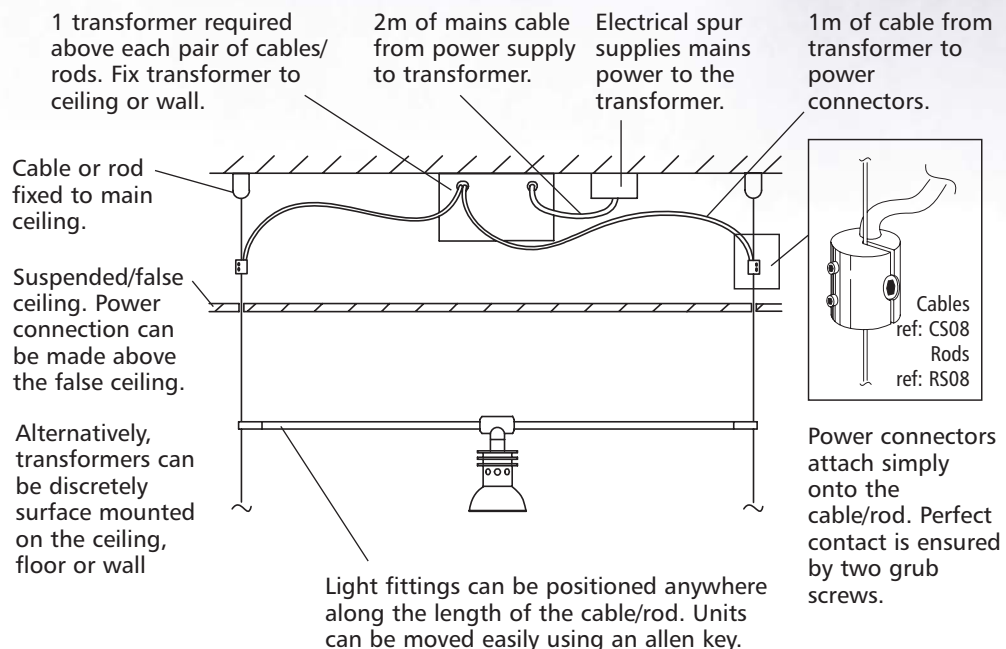
- 1** Check the panel on the left to see how many lights you can put on one pair of cables
- 2** Next choose the style of lights you'd like
- 3** Remember to add the correct transformer, power connectors and isolators to your order
- 4** Choose which lamps you want - standard dichroic lamps (20 or 50 watt) are included in the price of the fitting.



That's it! Place your order and look forward to boosting your sales with exciting displays!



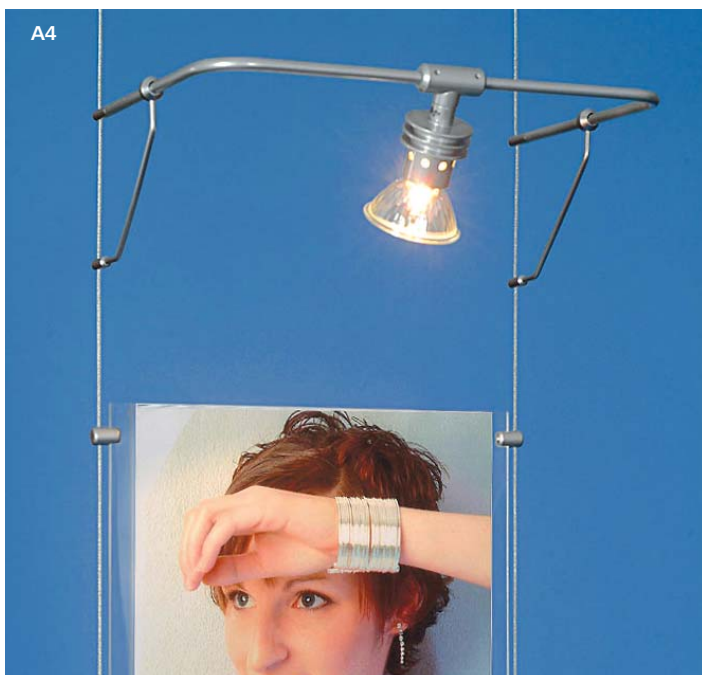
How the lighting works:



Cantilevered lights

- ideal for lighting graphic panels or posters
- lights have 180° adjustable heads and project 150mm from cable/rods
- available in either single (50W) or double (2 x 50W) options
- use single lights for graphics up to A2
- double lights are available as special orders up to 1000mm wide - just ask for details and prices

Single cantilevered lights - 1 x 50W lamp included



- requires transformer LT60-12
- 12 volt
- to fit A4, A3, A2 and up to 636mm cable/rod centres

A4 To fit A4 cable/rod centre		
Code:	Cable/rod size:	Price £:
LA4SC/SI	To fit 1.5mm cable	44.75
LA4SC-3/SI	To fit 3mm cable/rod	poa
LA4SR/SI	To fit 6mm rod	29.40



A3 To fit A3 cable/rod centre		
Code:	Cable/rod size:	Price £:
LA3SC/SI	To fit 1.5mm cable	45.00
LA3SC-3/SI	To fit 3mm cable/rod	poa
LA3SR/SI	To fit 6mm rod	29.65



A2 To fit A2 cable/rod centre		
Code:	Cable/rod size:	Price £:
LA2SC/SI	To fit 1.5mm cable	45.25
LA2SC-3/SI	To fit 3mm cable/rod	poa
LA2SR/SI	To fit 6mm rod	29.90

+ To fit cable/rod centre up to 636mm		
Code:	Cable/rod size:	Price £:
LM6SC/SI	To fit 1.5mm cable	46.25
LM6SC-3/SI	To fit 3mm cable/rod	poa
LM6SR/SI	To fit 6mm rod	30.90

- specify size required



NEW budget single cantilevered light 1 x 50W

- requires transformer LT60-12
- 12 volt
- to fit A4. Other sizes available on request

A4 To fit A4 cable/ rod centre		
Code:	Cable/rod size:	Price £:
LWA4SC	To fit 1.5mm cable	25.50
LWA4SC-3	To fit 3mm cable/rod	25.50

To fit 466mm cable/rod centres		
Code:	Cable/rod size:	Price £:
LW466SC	To fit 1.5mm cable	26.00
LW466SC-3	To fit 3mm cable/rod	26.00

- for double A4 pocket M2A4PW

Double cantilevered lights - 2 x 50W lamps included



- requires transformer LT100-24
- 24 volt
- to fit A4, A3, A2 and up to 636mm cable/rod centres

A2 To fit A2 cable/rod centre		
Code:	Cable/rod size:	Price £:
LDA2SC/SI	To fit 1.5mm cable	59.00
LDA2SR/SI	To fit 6mm rod	43.65



A1 To fit A2 cable/rod centre		
Code:	Cable/rod size:	Price £:
LDA1SC/SI	To fit 1.5mm cable	60.00
LDA1SR/SI	To fit 6mm rod	44.65



+ To fit cable/rod centre up to 636mm		
Code:	Cable/rod size:	Price £:
LDM6SC/SI	To fit 1.5mm cable	61.00
LDM6SR/SI	To fit 6mm rod	45.65

- specify size required

Customised cantilevered lights

Double sided cantilevered lights - lamps included

Single



Single double sided cantilevered lights - 2 x 20W

- requires transformer LT60-12
- 12 volt
- to fit any size from A4 up to 636mm cable/rod centres - please specify size when ordering

1 x 20W single light on each side

Code:	Cable/rod size:	Price £:
L2M6SC/SI	To fit 1.5mm cable	71.00
L2M6SR/SI	To fit 6mm rod	54.00

Double



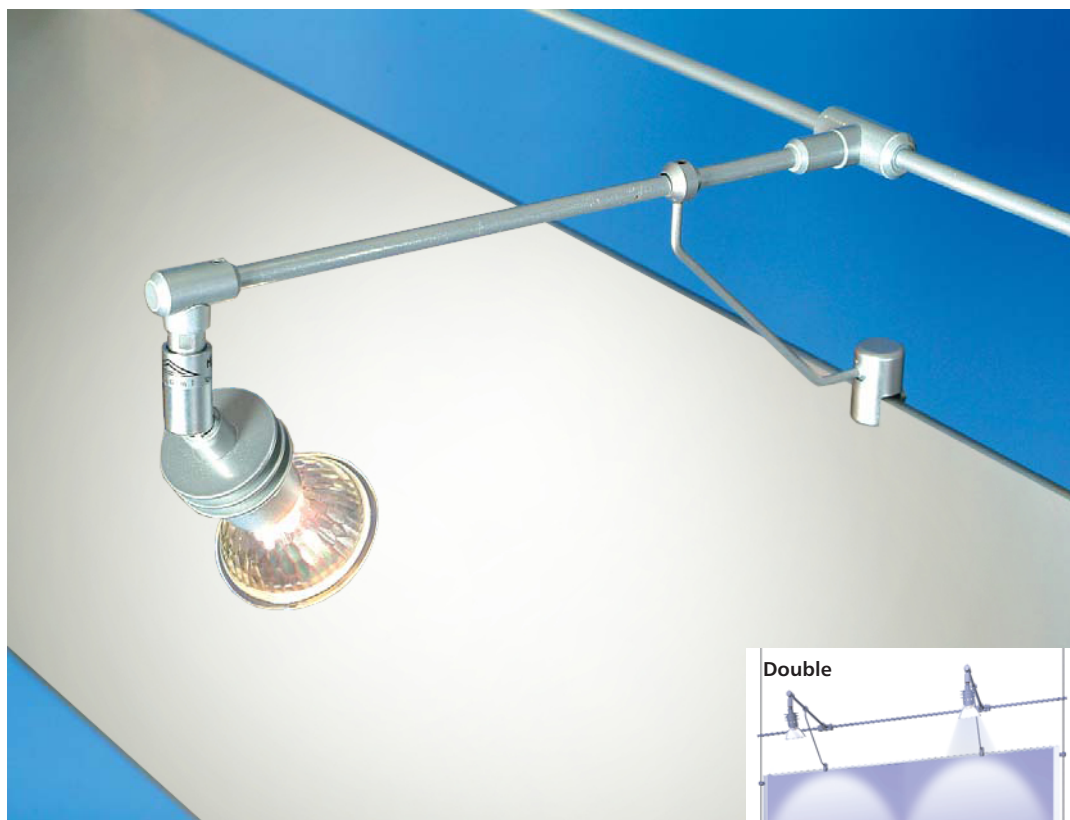
Twin double sided cantilevered lights - 4 x 20W

- requires transformer LT100-24
- 24 volt
- to fit any size from A2 up to 840mm cable/rod centres - please specify size when ordering

2 x 20W single lights on each side

Code:	Cable/rod size:	Price £:
L2DM8SC/SI	To fit 1.5mm cable	102.00
L2DM8SR/SI	To fit 6mm rod	85.00

Extra wide cantilevered lights - lamps included



- light projects 200mm
- to be used on panels up to 7mm thick
- to fit up to 1000mm cable/rod centres - please specify size when ordering

Single - 1 x 50W

- requires transformer LT60-12
- 12 volt

To fit cable/rod centres up to 1000mm

Code:	Cable/rod size:	Price £:
LM6PC/SI	To fit 1.5mm cable	43.75
LM6PR/SI	To fit 6mm rod	41.75

Double - 2 x 50W

- requires transformer LT100-24
- 24 volt

To fit cable/rod centres up to 1000mm

Code:	Cable/rod size:	Price £:
LDM8PC/SI	To fit 1.5mm cable	82.00
LDM8PR/SI	To fit 6mm rod	80.00

Trade and volume discounts are available - please ask

Straight lights

- ideal for lighting shelving presentations
- straight fitting - lamp is positioned in the middle or offset with 180° adjustment
- available in either single (1 x 20W) or double (2 x 50W) options

Single straight lights - 1 x 20W lamp included



Single straight light

- fits side cable/rod with cable/rod centres of 300mm
- requires transformer LT60-12
- 12 volt



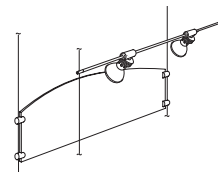
To fit 300mm cable/rod centre

Code:	Cable/rod size:	Price £:
LM3C/SI	To fit 1.5mm cable	20.75
LM3R/SI	To fit 6mm rod	19.95

Double straight lights - 2 x 50W lamps included



- Set of 2 lights for use on the front of shelving
- requires transformer LT100-24
- 24 volt



A2 To fit A2 cable/rod centre

Code:	Cable/rod size:	Price £:
LDA2C/SI	To fit 1.5mm cable	40.60
LDA2R/SI	To fit 6mm rod	39.00

A1 To fit A1 cable/rod centre

Code:	Cable/rod size:	Price £:
LDA1C/SI	To fit 1.5mm cable	41.60
LDA1R/SI	To fit 6mm rod	40.00

+ To fit cable/ rod centre up to 636mm

Code:	Cable/rod size:	Price £:
LDM6C/SI	To fit 1.5mm cable	42.60
LDM6R/SI	To fit 6mm rod	42.00

- specify size required

Single straight lights with swivel feature - 1 x 20W lamp included

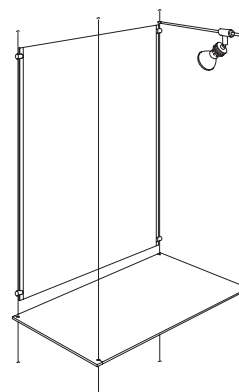


Single straight light with swivel

- fits side cable with cable centres of 300mm
- requires transformer LT60-12
- 12 volt

To fit 300mm cable centre

Code:	Cable size:	Price £:
LM30CS/SI	To fit 1.5mm cable	23.95



- Wirelights are an elegant yet cost-effective way to illuminate any display supported on cables or rods
- lamps are angled down to give a good overall spread of light
- available in either single (1 x 50W) or double (2 x 50W) options
- cool-to-the-touch black silicone rings are also included for extra elegance

Single Wirelights - 1 x 50W lamp included



Single Wirelight

NEW budget single cantilevered light 1 x 50W



- requires transformer LT60-12
- 12 volt
- to fit A4. Other sizes available on request

Single Wirelight - 50W

- lamps project 150mm from cables
- requires transformer LT60-12
- 12 volt

A3



A2



A1



A4 To fit A4 cable/ rod centre

Code:	Cable/rod size:	Price £:
LWA4SC	To fit 1.5mm cable	25.50
LWA4SC-3	To fit 3mm cable/rod	25.50

A4 to fit A4 cable/rod centre

Code:	Cable/rod size:	Price £:
LWA4C	To fit 1.5mm cable	
LWA4C-3	To fit 3mm cable/rod	
LWA4R	To fit 6mm rod	

A3 to fit A3 cable/rod centre

Code:	Cable/rod size:	Price £:
LWA3C	To fit 1.5mm cable	
LWA3C-3	To fit 3mm cable/rod	
LWA3R	To fit 6mm rod	

A2 to fit A2 cable/rod centre

Code:	Cable/rod size:	Price £:
LWA2C	To fit 1.5mm cable	
LWA2C-3	To fit 3mm cable/rod	
LWA2R	To fit 6mm rod	

A1 to fit A1 cable/rod centre

Code:	Cable/rod size:	Price £:
LWA1C	To fit 1.5mm cable	
LWA1C-3	To fit 3mm cable/rod	
LWA1R	To fit 6mm rod	

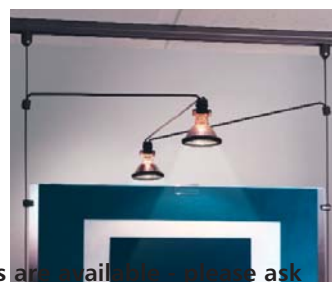
To fit 466mm cable/rod centres

Code:	Cable/rod size:	Price £:
LW466SC	To fit 1.5mm cable	26.00
LW466SC-3	To fit 3mm cable/rod	26.00

- for double A4 pocket MZA4PW

Double-sided Wirelight - 2 x 50W

- lamps project 150mm from cables
- requires transformer LT100-24
- 24 volt



Trade and volume discounts are available - please ask

A4 to fit A4 cable/rod centre

Code:	Cable/rod size:	Price £:
LDWA4C	To fit 1.5mm cable	
LDWA4R	To fit 6mm rod	

A3 to fit A3 cable/rod centre

Code:	Cable/rod size:	Price £:
LDWA3C	To fit 1.5mm cable	
LDWA3R	To fit 6mm rod	

A2 to fit A2 cable/rod centre

Code:	Cable/rod size:	Price £:
LDWA2C	To fit 1.5mm cable	
LDWA2R	To fit 6mm rod	

A1 to fit A1 cable/rod centre

Code:	Cable/rod size:	Price £:
LDWA1C	To fit 1.5mm cable	
LDWA1R	To fit 6mm rod	

Transformers



LT60-12
12v transformer

LT100-24
24v transformer

LT60-12		
Code:		Price £:
LT60-12		

LT100-24		
Code:		Price £:
LT100-24		

- supplied with 2m input lead and 1m output lead

- includes protection against overheating, overloading and short-circuits

- remember to order power connectors (see below)

Lamps - 50mm diameter



Standard dichroic lamps

- top quality, glass fronted lamp with an average lamp life of 5,000 hours

Extra long life lamps

- average lamp life 10,000 hours
- more than a years life based on 24 hours a day usage
- saves time and money, reduces the hassle of changing lamps

IRC lamps - 70% brighter

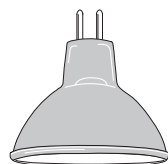
- average lamp life 4,000 hours
- brightness equivalent to a 65W dichroic lamp

20W lamp		
Code:	Beam angle	Price £:
LD20/W	36°	2.50

50W lamp		
Code:	Beam angle	Price £:
LD50/24	24°	2.50

50W lamp		
Code:	Beam angle	Price £:
LD50-UL/24	24°	6.00

50W lamp		
Code:	Beam angle	Price £:
LD50-IR/24	24°	5.00



Silver

Silver lamps

Add a touch of style - change the appearance of your lamp fittings
- the external casing of the lamp is silver.

- light projects forward only
- average lamp life 3,500 hours

20W lamp			
Code:	Colour:	Beam angle	Price £:
LD20/S	Silver	36°	6.50

50W lamp			
Code:	Colour:	Beam angle	Price £:
LD50/S	Silver	36°	6.50

Silicone rings



Add a touch of style - gives the finishing touch to any 50mm diameter lamp. The black silicone ring just clips onto the rim of the lamp.

Silicone ring	
Code:	Price £:
LHR/BL	



Power connectors and isolators



Power connectors

- allows electrical power to be connected to the cable or rod
- perfect contact is ensured by two grub screws
- Satin chrome finish

Power connector		
Code:		Price £:
CS08	For 1.5mm cable	2.95
CS08-3	For 3mm cable or rod	4.65
RS08	For 6mm rod	4.65



Add isolators when using channel or installing into metal ceilings or floors

Top isolator

- Black nylon for cables, white nylon for rods

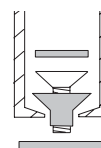


Top Isolator

Top isolator			
Code:		Price £:	
PC01/I	For cables	1.50	
PR01/I	For rods	1.50	

Bottom isolator

- in 3 nylon sections



Bottom isolator		
Code:	Price £:	
SP/IS	For cables & rods	2.50

Bottom Isolator

In-line rod isolator

- insert when metal accessories touch both rods to avoid fusing



Inline isolator		
Code:	Price £:	
LII	For 6mm rods	2.35

Component measurements

All measurements are in millimetres unless stated

L=Length W=Width H=Height Ø=Diameter D=Depth Int=Internal

Int=Internal

Item code:	Allen key:	Dimensions:
AC		W=19; H=11.5
ACD		W=28; H=11
ACL		W=19; H=11.5
C2		2m cable; top fitting Ø=16
C2A4F	● ●	Top fitting Ø=18; floor fitting Ø=15
C2CW-15	● ●	Wall brackets Ø=38; 40mm from wall to back cable; floor fitting Ø=16
C2CW-30	● ●	Wall brackets Ø=38; 40mm from wall to back cable; floor fitting Ø=16
C2WF-15	● ●	Wall brackets Ø=38; 40mm from wall to back cable; floor fitting Ø=15
C2WF-30	● ●	Wall brackets Ø=38; 40mm from wall to back cable; floor fitting Ø=15
C2WW-15	● ●	Wall brackets Ø=38; 40mm from wall to back cable
C2WW-30	● ●	Wall brackets Ø=38; 40mm from wall to back cable
CA4	●	4m cable; top fitting Ø=16; bottom fitting Ø=15
CA4-3	●	Top fitting Ø=16; bottom fitting Ø=15
CAA	● ●	4m cable; fittings Ø=38
CAF	● ●	4m cable; top bracket Ø=38; floor fitting Ø=15
CAT	●	Weight 100H x 30Ø; weighs 0.55kg
CCT	●	Weight 100H x 30Ø; weighs 0.55kg
CCW	●	3m cable; top fitting Ø=16; projects 40 from wall
CD-4	●	W=5; Ø=25
CD-10	●	W=5; Ø=25
CG01	●	L=20; Ø=16
CG01-3	● ●	L=21; Ø=16
CG02	●	L=32; Ø=16
CG03	●	L=15; Ø=10
CG03-3	●	L=15; Ø=10
CG04	●	L=22; Ø=10
CG04-3	●	L=22; Ø=10
CG06	●	L=20; Ø=16
CG07	●	L=32; Ø=16
CG08	●	L=31; Ø=21; 8.5mm Ø hole required 15mm from edge of panel
CG09	●	L=22; Ø=16
CG11	● ●	L=27; Ø=16
CG11-3	● ● ●	L=28; Ø=16
CG12	● ●	L=30; Ø=18
CG12-3	● ● ●	L=31; Ø=18
CG13	● ●	L=27; Ø=18
CG13-3	● ● ●	L=28; Ø=18
CG14	●	L=20; Ø=20.5
CG14-3	● ●	L=21; Ø=20.5
CG15	●	L=20; Ø=20.5
CG15-3	● ●	L=20.5; Ø=21
CG21	● ●	L=46; Ø=16
CG21-3	● ● ●	L=46; Ø=16
CG22	● ●	L=52; Ø=18
CG22-3	● ● ●	L=52; Ø=18
CG23	● ●	L=46; Ø=18
CG23-3	● ● ●	L=46; Ø=18
CH01	●	L=16; Ø=16
CH01-3	●	L=17; Ø=16
CH02	●	L=24; Ø=16
CH02-3	●	L=24; Ø=16
CQQ	●	2m Cable; top and bottom fitting Ø=16
CS01	●	D=11; Ø=16
CS01-3	●	D=11; Ø=16
CS03	● ●	L=14; Int Ø=12; Int D=6; Ø=16
CS03-3	● ● ●	L=15; Int Ø=12; Int D=6; Ø=16
CS04	● ●	L=20; Int Ø=12; Int D=6; Ø=16
CS05	● ●	L=14; Ø=16
CS05-3	● ●	L=15; Ø=16
CS06	● ●	L=20; Ø=16
CS07	● ●	L=28; Ø=16
CS08	● ●	L=12; Ø=12
CS08-3	● ●	L=16; Ø=16
CS09	●	L=17; Ø=16
CS11	● ●	L=36; Ø=18
CS11-3	● ● ●	L=37; Ø=18
CS12	●	H=28; D=14.6; Ø=16

Item code:	Allen key:	Dimensions:
CS12-3	● ●	H=27; D=26; Ø=16
CS13	● ●	L=21.5; Ø=16
CS13-3	● ●	L=23.5; Ø=16
CS21	● ●	L=64; Ø=16
CS21-3	● ●	L=64; Ø=16
CS22	●	H=28; D=21.2; Ø=16
CS23	● ●	L=35; Ø=16
CS23-3	● ●	L=37; Ø=16
CWF	●	3m cable; projects 40 from wall; floor fitting Ø=15
CWW	●	3m cable; projects 40 from wall; fitting plate Ø=38
HDS		D=15; Ø=50
HR10-3	●	L=790; Ø=10
KC2-CG05	● ●	Top fitting Ø=16; support Ø=23
KC2-CG05-10	● ●	Top fitting Ø=16;
KMDB/SI	●	H=350; D=350; cables/rods project 40mm & 340mm from wall
KMSB-25/SI		H=30; Ø=35; cable fitting 25mm from wall
KMSB/SI		H=60; Ø=60; cable fitting 50mm from wall
KMSB-100/SI		H=110; Ø=110; cable fitting 100mm from wall
P01		Ø=38
P01-PC01		H=15; Ø=38
P02		Ø=12; D=6
P08	●	H=8; Ø=16
PC01/I		L=12; Ø=16
PC31		L=18
PR01-I		L=12; Ø=16
R1000-10		L=1000; Ø=10
R1000P		L=1000; Ø=6
R1500		L=1500; Ø=6
R1500-10		L=1500; Ø=10
R500		L=500; Ø=6
R500-10		L=500; Ø=10
R500P		L=500; Ø=6
RAAS	● ●	Top fitting Ø=15; bottom fitting Ø=18
RAS	●	Top & bottom fitting Ø=18
RAS-10		Top fitting Ø=20; Bottom fitting Ø=22
RB1		1m rod; top fitting Ø=16
RB2		2m rod; top fitting Ø=16
RB3		3m rod; top fitting Ø=16
RBCF3		3m rod; top fitting Ø=16; bottom fitting Ø=15
RBT1		1m rod; top fitting Ø=16
RBT2		2m rod; top fitting Ø=16
RBT3		3m rod; top fitting Ø=16
RBTf3		3m rod; top fitting Ø=16; bottom fitting Ø=15
RC10-6	●	L=25; Ø=10
REC	●	L=16; Ø=12
REC-10		L=15; Ø=10
REC-P/BL		L=17; Ø=8.5
RG01	●	L=25; Ø=16
RG01-10	● ●	L=29; Ø=18
RG02	●	L=36; Ø=16
RG02-10	● ●	L=40; Ø=18
RG05	● ●	L=16; Ø=16
RG06	● ●	L=25; Ø=16
RG06-10	● ●	L=29; Ø=18
RG07	●	L=36; Ø=16
RG07-10	● ●	L=40; Ø=18
RG11	● ●	L=30; Ø=16
RG11-10	● ● ●	L=34; Ø=18
RG12	● ●	L=33; Ø=18
RG12-10	● ● ●	L=37; Ø=18
RG13	● ●	L=30; Ø=18
RG13-10	● ● ●	L=34; Ø=18
RG14-10	● ● ●	L=29; Ø=20.5
RG21	● ●	L=46; Ø=16
RG21-10	● ● ●	L=68; Ø=16
RG22	● ●	L=52; Ø=18
RG22-10	● ● ●	L=56; Ø=18

Item code:	Allen key:	Dimensions:
RG23	● ●	L=46; Ø=18
RG23-10	● ● ●	L=50; Ø=18
RGN01	●	L=25; Ø=16
RH01	●	L=19; Ø=16
RH01-10	●	L=23; Ø=18
RH02	●	L=24; Ø=16
RH02-10	●	L=28; Ø=18
RP	●	Ø=18
RPA	● ●	Ø=15
RR01	● ●	L=31; Ø=16
RR01-10	● ●	L=40; Ø=18
RR01-3/10	● ● ●	L=33; Ø=18
RR01-3/6	● ● ●	L=29; Ø=16
RR01-6/10	● ●	L=56; Ø=18
RS		Ø=18
RS01	●	D=11; Ø=16
RS03	● ●	L=17.5; Int Ø=12; Int D=6; Ø=16
RS03-10	● ●	L=22; Ø=18
RS04	● ●	L=21; Int Ø=12; Int D=6; Ø=16
RS04-10	● ●	L=26; Ø=18
RS05	● ●	L=17; Ø=16
RS05-10	● ●	L=22; Ø=18
RS06	● ●	L=20; Ø=16
RS06-10	● ●	L=26; Ø=18
RS08	● ●	L=18; Ø=16
RS-10		L=22; Ø=20
RS11	● ●	L=39; Ø=16
RS11-10	● ●	L=43; Ø=18
RS12	●	H=28; D=18.1; Ø=16
RS12-10	● ●	L=20; Ø=18
RS13	● ●	L=25; Ø=16
RS13-10	● ●	L=30; Ø=18
RS21	● ●	L=64; Ø=16
RS21-10	● ●	L=68; Ø=18
RS22	● ●	L=30; D=24.2; Ø=16
RS23	● ●	L=38; Ø=16
RS23-10	● ●	L=38; Ø=18
RSA	●	Ø=15
WM01	● ●	L=30
WM02	● ●	L=30
WM03	●	L=16
WM04	●	L=16
WM05-13	●	L=25; Ø=16
WM05L-20	●	L=40; Ø=16
WM06		L=19; Ø=16
WM07	●	L=28; Ø=16
WM08	●	L=32; Ø=16
WM09	● ●	L=31; Ø=16
WM10	●	L=39; Ø=16; 24mm from wall
WM11	● ●	L=31; Ø=16
WM11-10	● ●	L=36; Ø=18
WM11L-10	● ●	L=59; Ø=18
WM12	●	L=20; Ø=12
WM15	●	L=25; Ø=25
WM16	●	L=50; Ø=25
WM17	●	L=75; Ø=25
WM18	●	L=25; Ø=16
WM19		Ø=16
WM20	●	Ø=25; D=5.5
WMS-2		D=2
WMS-3		D=3

ALLEN KEYS:
To see which allen key each component requires, check the colour code in the list above against the grid below:

AK1.5	1.5mm	●
AK2.0	2.0mm	●
AK2.5	2.5mm	●
AK3.0	3.0mm	●
AK4.0	4.0mm	●
AK5.0	5.0mm	●
AK6.0	6.0mm	●

create the perfect display for

Wall mounted...



Signage suspended from the ceiling...



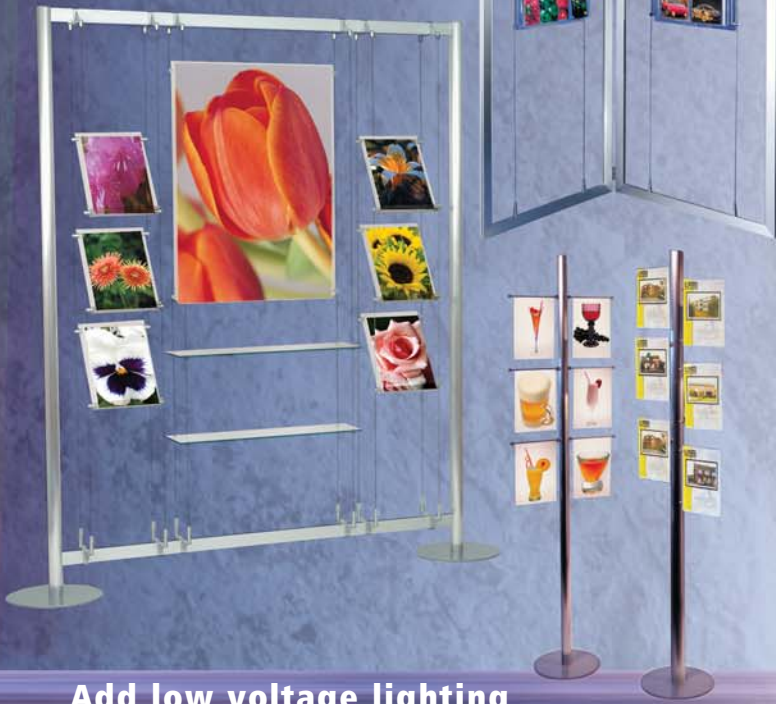
Floor-to-ceiling creativity...



Versatile cable and rod systems that allow you to create exactly the display you want.

you...

Freestanding displays



Add low voltage lighting



Add movement...

and watch your sales increase



Floating multi-media presentations...



The very latest digital displays will add sound and movement to your displays...and increase sales too...

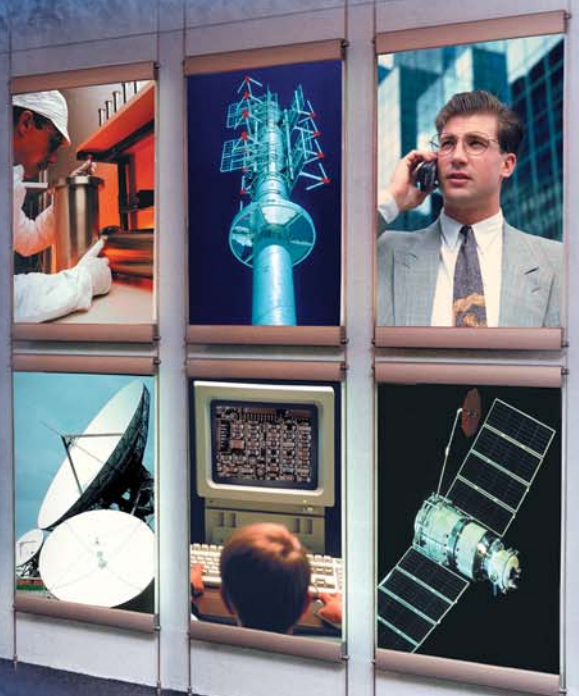
Add flexibility to your display with channel...



Incredibly slim, bright light boxes create maximum impact...



Ultra-bright, slim light boxes can be suspended or wall mounted... used on their own or combined with other displays...





DISPLAY EXHIBITION
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