

sycamoreLED.com

24V

HIGH DEFINITION

LIGHTING COLLECTION 2020/2021



24V

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LIGHTING COLLECTION 2020/2021

By SycamoreLED.com

OUR VISION

To inspire our customers with innovative state of the art energy efficient lighting solutions



OUR VALUES

To remain committed to building on our reputation of excellence in customer service and to continue implementing the latest energy saving technology into our products



WELCOME TO OUR **24V HIGH DEFINITION** LIGHTING COLLECTION

Sycamore Lighting has been at the forefront of lighting innovation since 1998. Our dedication to quality has resulted in sustained growth by offering a diverse range of lighting and the very latest in technology. Major investment in new technologies and personnel, together with state of the art testing and training facilities has enabled us to cross over into different market sectors, whilst also retaining our reputation as a major supplier of lighting and control systems to the KBB markets throughout the UK and Europe.

PRODUCT RESEARCH

We undertake market research on a continuous basis, and listen to feedback from our customers. We welcome any suggestions as to what our clients would like to see added to our product collection.

PRODUCT SOURCING

We use a number of reliable, ethical and professional suppliers, the majority of which we have been dealing with for over ten years.

QUALITY CONTROL

We have a vigorous quality control system in place, with dedicated and qualified staff who ensure the quality of every new product, and batches thereafter are of consistent high quality.

TESTING

As part of our dedication to quality control and product advancements, all our products are fully tested in our in house laboratory by our own qualified electronics expert, to ensure they meet current regulations. Further information on our testing and laboratory is on pages 8 & 9.

TECHNICAL AND DESIGN DEPARTMENT

Our dedicated technical and design team are now a vital part of the Sycamore business. Our team can assist customers with designs for their showrooms or a client's house, to recommending the correct type of lighting for any given project, and can even design and manage a whole house lighting control system. Further information on our technical and design team can be found on pages 10 & 11.

STOCK AND DELIVERY

Our huge warehouse facilities and constant stock control enable us to offer a quick and comprehensive delivery service.

ONLINE ORDERING

Our website enables our trading partners to check stock & prices, and place an order online. To request a log in please contact our sales department on 0113 2866686 or email sales@sycamoreLED.com.



ISO 9001

We are proud to have achieved an ISO 9001 certification.

The quality management certification helps us to demonstrate the level of quality that we offer with our services, whilst also driving down costs, boosting productivity and improving customer satisfaction. With this certification we are aiming to cut costs by as much as 50%, reducing wasted resources through improved processes and efficiency.

Not only does ISO 9001 help to improve internal processes and efficiency, but it is an internationally recognised standard of quality.



THE LIGHTING INDUSTRY ASSOCIATION (LIA)

We have been a member of the LIA since 2013, and to achieve membership with the LIA we have to consistently demonstrate the highest degree of professionalism, expertise and ethical standards in every aspect of our operations, including the safety, reliability, quality and support of our products and the competence of their employees and representatives. All our products are CE marked as required to confirm that it complies with EU law and that is 'fit for purpose' and safe. We also ensure that the products we offer for sale in the EU are supplied, manufactured or manufactured under licence to conform to any statutory requirements and standards as may be mandated by local law. We can also demonstrate the published features of any product that we supply and substantiate any benchmarks, performance characteristics, service ability levels or other criteria to which it lays claim.



THE KBSA

We are also corporate members of the KBSA. We are dedicated to upholding the Association's high standards of design, supply, and customer service throughout the KBB industry. As KBSA members we follow an Approved Code of Practice and are subject to strict monitoring to make sure our customers get the best professional service available.



EASYQUOTE

Our full product range is featured on easyquote.



KBB CONNECT

Our full product range is featured on KBB connect.



TESTING LABORATORY

Lighting has become a very technical subject, and as market leaders in our field, we have invested in a fully operational laboratory and employed a qualified electronics expert. This enables us to offer consistency of information for all the lighting products within our range, offering accurate data for lighting planners.



SPECTRORADIOMETER & INTEGRATING SPHERE

This apparatus has been installed within our laboratory to measure the photometric parameters of light fittings and lamps. We can offer accurate data in relation to lumen output, colour rendition, colour temperature and power factor of any given luminaires.

EMC TEST CABINET

Allied to the sphere, this piece of equipment measures the electromagnetic interference of light fittings and power converters under test conditions. This test enables us to determine the suitability of installations in different environments, and ensures that our range complies with the criteria that limits these types of emissions from electrical components.

GONIO-SPECTRORADIOMETER

The Gonio-Spectroradiometer tests light sources for photometric, colorimetric and electrical parameters. The test system can measure the luminous flux, luminous intensity, average beam angle and illuminance of the luminaire. It also measures the colour temperature, the colour rendering index at different angles, and generates several detailed photometric and colorimetric test reports for our luminaires.





DESIGN AND TECHNICAL DEPARTMENT

The dedicated technical and design team at Sycamore are on hand to answer any technical queries customers may have on any aspect of their lighting requirements. Our knowledgeable team collectively has many years of experience within the lighting industry, and as well as offering their technical expertise, they can assist with lighting plans and offer advice on lighting schemes.

LIGHTING DESIGN

We can offer lighting design plans using the Relux planning software, this enables us to offer lighting schemes and plans for kitchens, bedrooms and bathroom layouts, and design them to be cost effective from an energy consumption point of view, whilst maximising impact on your clients.

If you would like to speak to our technical and design team about Relux lighting design, getting help in designing your showroom, or have any other requirements please call 0113 2866686 or email tech@sycamoreLED.com

INNOVATION CENTRE

Our innovation centre offers our clients the opportunity to see what future products we are working on, as well as being an extension to our current training facility. Clients can also discuss their requirements, and solutions can be offered either from our current portfolio, or a bespoke solution can be agreed upon. The innovation centre is open to both existing and new customers.

Please contact us for further information, or if you would like to take a tour of our laboratory or innovation centre.

3 STEP DESIGN SERVICE



Looking for some assistance with any of your projects? Our technical and design experts are here to help, just follow the three simple steps below.

1

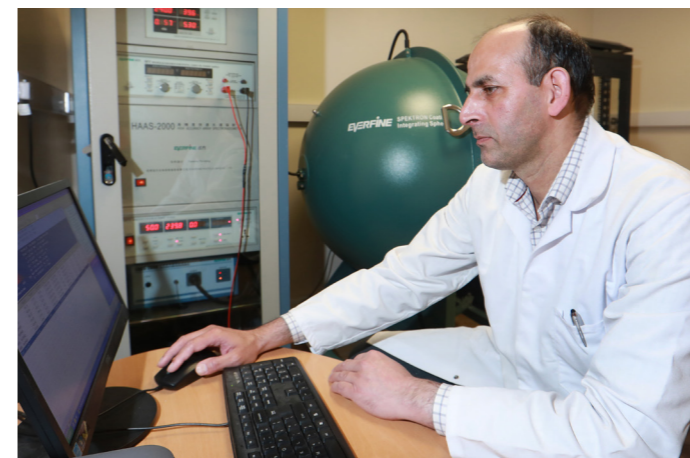
Send your plan along with a short brief to tech@sycamoreLED.com

2

Our experts design the perfect lighting scheme for your project

3

You receive a quotation including a full list of products ready to order



FREE SERVICE TO ALL TRADING PARTNERS



OUR SHOWROOM

Based at Sycamore HQ in Leeds, our state of the art showroom displays enable us to demonstrate our varied product range. Different colour options and how lighting can be controlled were the two major influences on how we set up the different displays.

Flexible LED strip lighting has been installed under cabinets, under worktops and as a plinth light option with internal drawer and cupboard lighting also being featured.

The new showroom incorporates many examples of different lighting schemes, and to help achieve the look effectively, the different schemes have been connected to a RAKO lighting control system, as well as our new Kinetic Smart Control system.

This enables us to demonstrate effective lighting schemes separately, as well as demonstrating the various types of lighting control systems available, from whole house controls to the ability to control up to four different areas of lighting from a remote control or smartphone/tablet.

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Kinetic Switching System

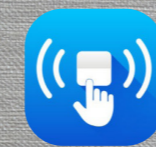
WIRELESS SMART LIGHTING CONTROLS



NEW

Kinetic Switching System

WIRELESS SMART LIGHTING SWITCHES



This receiver is used to provide wireless switching. This can be done from the kinetic wireless switch (opposite page) or voice control devices such as Amazon's Echo or Google Play devices. In addition, they can be controlled on your smartphone or tablet via the Smart Life app.

The receiver requires 12 or 24V input, and can be used with 12V or 24Vdc lighting. A dimmable driver is not required, as the dimming facility is built into the receiver. This product can be retro-fitted into an existing 12/24vdc lighting installation by simply fitting this unit between the driver (12/24V) and existing lights.

The new wireless Kinetic Switching system allows users to turn on their kitchen, bedroom or bathroom lighting in three different ways. Lighting can be controlled manually by using the switch, through a smart phone or tablet using the Smart Life App (downloadable via the QR code on the instruction leaflet), or by connecting it to a voice controlled intelligent personal assistant such as Amazon Alexa or Google Home. Once connected, lighting can be operated with simple commands, such as "Alexa turn on kitchen lights" or "Google dim plinth lights".

The kinetic switches require no wiring or batteries and can be installed anywhere in the home, including the bathroom due to its IP67 rating.

The switches are compatible with part codes SY2416 & SY8989NEW.

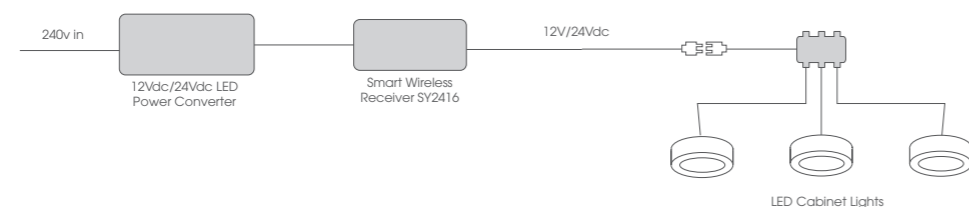
Smart Wireless Receiver 24V SY2416

Download the Smart Life app here:

IOS



ANDROID



Dimensions are given in mm

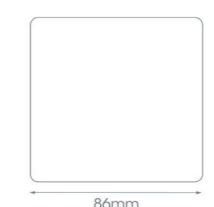


- 1 Gang Kinetic Switch
- 2 Gang Kinetic Switch
- 3 Gang Kinetic Switch

- SY8990
- SY8991
- SY8992

Technical Information

Finish	White
IP Rating	IP67
Connection	Wireless
Fixing Method	Adhesive or screw plate
Control Distance	80m outdoor, 25m indoor



Download the Smart Life app here:

IOS



ANDROID



24V Nova

HIGH DEFINITION LED CABINET LIGHT



This collection of 24V Multi-Point LED cabinet lights offers a choice of cool, natural or warm white LED, with a variety of different style bodies to suit different applications or tastes. The LED offers a good quality light output, enabling them to be used as task lighting in a kitchen, as well as adding mood lighting to any application.

Technical Information

Finish	Brushed Nickel
Power Supply	24Vdc
Cable Length	2m
Guarantee	3 Years
Colour Appearance	Warm White, Natural White or Cool White
Colour Temperature	3000K - 3500K, 4000k - 4500k or 6000K - 6500K
Total Lumens	WW - 125lm NW - 130lm CW - 135lm
Colour Rendering Index	Ra > 80
Wattage	1.8W
IP Rating	IP44
Beam Angle	65°

Suitable Power Converters

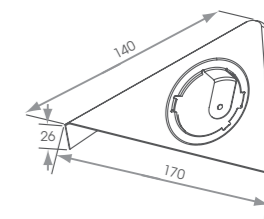
15W/24Vdc Power Converter	SY2400	Runs up to 6 lights
20W/24Vdc Power Converter	SY2409	Runs up to 6 lights

Compatible Accessories

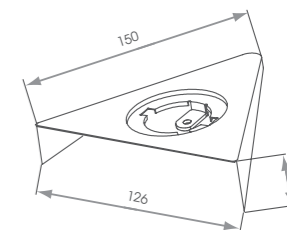
• Kinetic Wireless Smart Controls (including dimming)	Page 14 - 15
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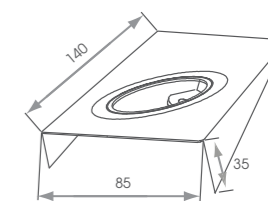
24V HD Nova LED Designer Tri-Light
SY2405WW, NW or CW
Brushed Nickel



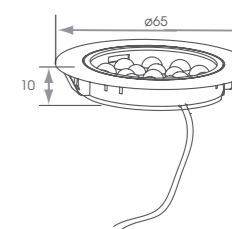
24V HD Nova LED Tri-Light
SY2418WW, NW or CW
Brushed Nickel



24V HD Nova LED Designer Recti-Light
SY2417WW, NW or CW
Brushed Nickel



24V HD Nova LED Recessed Cabinet Light
SY2401WW, NW or CW
Brushed Nickel



24V HD Nova LED Surface/Recessed Cabinet Light
SY2403WW, NW or CW
Brushed Nickel



Dimensions are given in mm
Cut out size if recessed = 58mm

24V Orion

HIGH DEFINITION LED CABINET LIGHT



The 24V Orion features a diffused cover, so there are no visible LED points in the fitting, and also has a 120 degree beam angle which fills cabinets or work surfaces, eliminating dark spots. The 24V Orion is available in warm, natural or cool white, offering an option for any type of kitchen design.

Technical Information

Finish	Brushed Nickel
Power Supply	24Vdc
Cable Length	2m
Guarantee	3 Years
Colour Appearance	Warm White, Natural White or Cool White
Colour Temperature	3000K - 3500K, 4000k - 4500k or 6000K - 6500K
Total Lumens	WW - 175lm NW - 180lm CW - 185lm
Colour Rendering Index	Ra >80
Wattage	2.3W
IP Rating	IP44
Beam Angle	120°

Suitable Power Converters

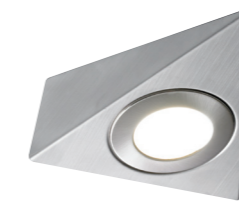
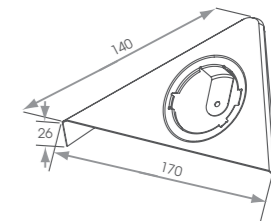
15W/24Vdc Power Converter	SY2400	Runs up to 6 lights
20W/24Vdc Power Converter	SY2409	Runs up to 6 lights

Compatible Accessories

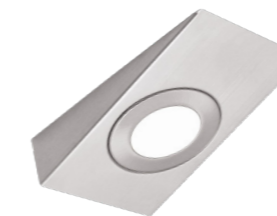
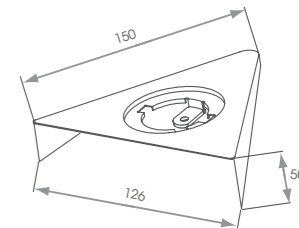
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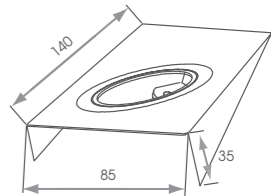
24V HD Orion LED Designer Tri-Light
SY2421WW, NW or CW
Brushed Nickel



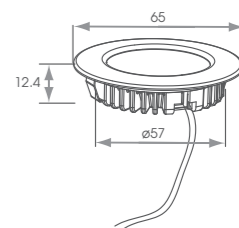
24V HD Orion LED Tri-Light
SY2423WW, NW or CW
Brushed Nickel



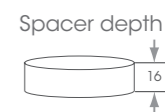
24V HD Orion LED Designer Recti-Light
SY2422WW, NW or CW
Brushed Nickel



24V HD Orion LED Recessed-Light
SY2402WW, NW or CW
Brushed Nickel



24V HD Orion LED Recessed/Surface Light
SY2420WW, NW or CW
Brushed Nickel



Dimensions are given in mm
Cut out size if recessed = 57mm

24V Orion Flat Panel

HIGH DEFINITION LED CABINET LIGHT



The 24V Orion has been designed to offer a superior light output and has a diffused cover with no visible LED points. The fitting also has unique magnetic fixing and enhanced curved edges.

24V Orion Super Slim Magnetic

HIGH DEFINITION LED CABINET LIGHT



This diffused cabinet light is surface mounted and has a super slim design with a magnetic cover to conceal the installation fixings. This sleek brushed steel fitting is available in a choice of warm, natural or cool white.

24V HD Orion Flat Panel Light

SY2407WW, NW or CW

Technical Information

Finish	Brushed Nickel
Power Supply	24Vdc
Cable Length	1.5m
Guarantee	3 Years
Colour Appearance	Warm White, Natural White or Cool White
Colour Temperature	3000K - 3500K, 4000K - 4500K or 6000k - 6500k
Total Lumens	WW - 290lm NW - 295lm CW - 300lm
Colour Rendering Index	Ra >90
Wattage	3.5W
IP Rating	IP20
Beam Angle	120°
Mounting	Surface

Suitable Power Converters

15W/24Vdc Power Converter	SY2400	Runs up to 4 lights
20W/24Vdc Power Converter	SY2409	Runs up to 5 lights

Compatible Accessories

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• Sensors, Switches & Dimmers	Page 53 - 59
• WiFi 4 Zone Controls (including dimming)	Page 52
• 2m (SY7183) or 5m (SY7183/5) Extension Cables	Page 63



Technical Information

Finish	Brushed Nickel
Power Supply	24Vdc
Cable Length	1.5m
Guarantee	3 Years
Colour Appearance	Warm White, Natural White or Cool White
Colour Temperature	3000K - 3500K, 4000K - 4500K or 6000k - 500k
Total Lumens	WW - 125lm NW - 130lm CW - 135lm
Colour Rendering Index	Ra >80
Wattage	2W
IP Rating	IP20
Beam Angle	120°
Mounting	Surface

Suitable Power Converters

15W/24Vdc Power Converter	SY2400	Runs up to 6 lights
20W/24Vdc Power Converter	SY2409	Runs up to 6 lights

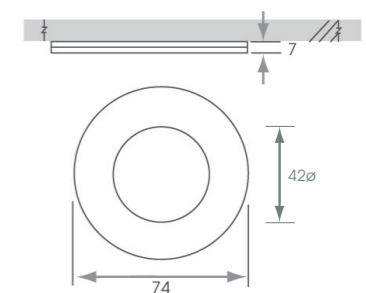
Compatible Accessories

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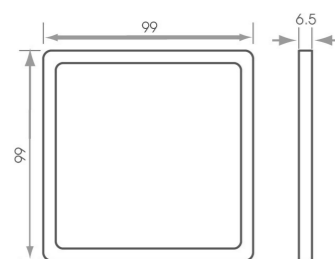


24V HD Orion Super Slim Magnetic Cabinet Light

SY2414WW, NW or CW



Dimensions are given in mm



Dimensions are given in mm

24V Quadra Diffused Recti

HIGH DEFINITION LED CABINET LIGHT



NEW

The rectangular surface mounted designer fitting has a super slim profile, in a sleek aluminium finish. The Quadra also has a 120 degree beam angle, which fills cabinets or work surfaces and eliminates dark spots.

24V HD Quadra LED Diffused Recti

SY2408WW, NW or CW

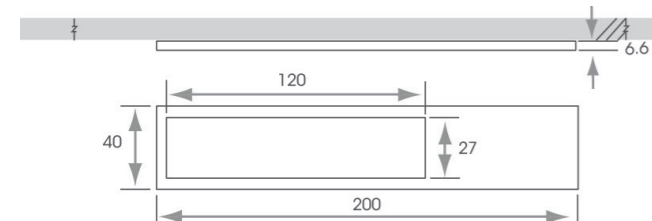
Technical Information	
Finish	Aluminium
Power Supply	24Vdc
Cable Length	2m
Guarantee	3 Years
Colour Appearance	Warm White, Natural White or Cool White
Colour Temperature	3000K - 3500K, 4000K - 4500K or 6000K - 6500K
Total Lumens	WW - 290lm NW - 295lm CW - 300lm
Colour Rendering Index	Ra >80
Wattage	4W
IP Rating	IP20
Beam Angle	120°
Mounting	Surface

Suitable Power Converters

15W/24Vdc Power Converter	SY2400	Runs up to 3 lights
20W/24Vdc Power Converter	SY2409	Runs up to 5 lights

Compatible Accessories

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• WiFi 4 Zone Controls (including dimming)	Page 52
• 2m (SY7183) or 5m (SY7183/5) Extension Cables	Page 63

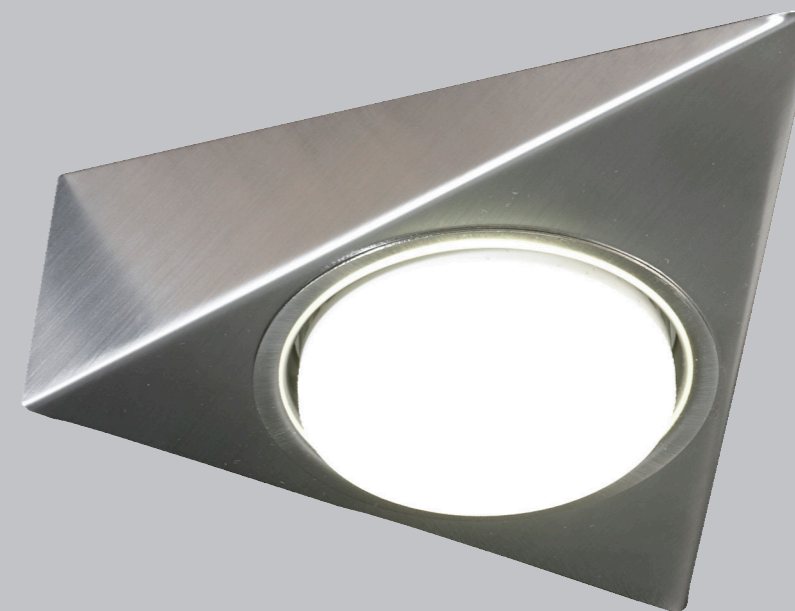


Dimensions are given in mm



GX53 Tri-Light

LED CABINET LIGHT



NEW

The diffused LED GX53 Tri-light features a diffused cover so the LED Points are not visible, and is available in a natural, warm or cool white to offer an option for any type of kitchen design. The 240V GX53 lamp does not require a power converter, the main benefit of which is ease of installation.

Technical Information

Finish	Stainless Steel
Power Supply	240V
Cable Length	2m
Guarantee	3 Years
Colour Appearance	Warm White, Natural White or Cool White
Colour Temperature	3000K - 3500K, 4000K - 4500K or 6000K - 6500K
Total Lumens	WW - 540lm NW - 550lm CW - 560lm
Colour Rendering Index	Ra >80
Wattage	6.5W
IP Rating	IP20
Beam Angle	100°
Mounting	Surface

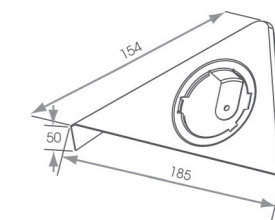
Compatible Accessories

• Touch on/off Sensor	Page 54
• PIR Sensor	Page 58



GX53 Diffused LED Tri-Light

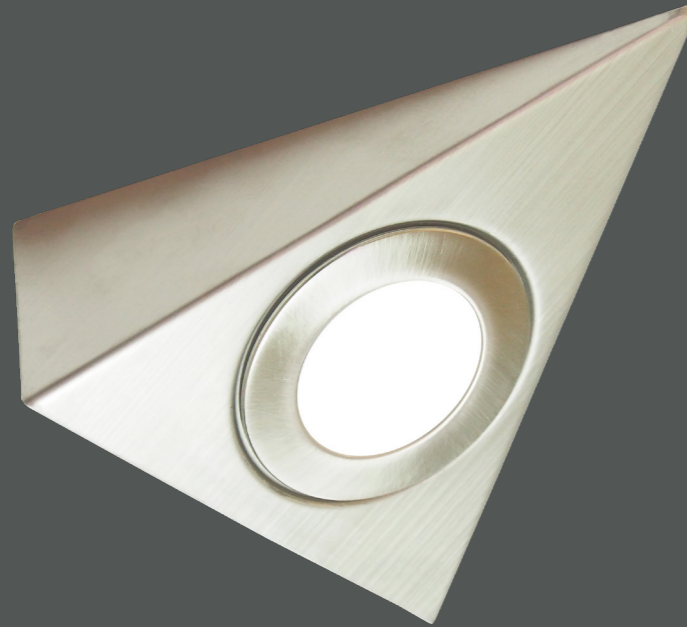
SY7300WW, NW or CW



Dimensions are given in mm

240V Capella Tri-Light

LED CABINET LIGHT



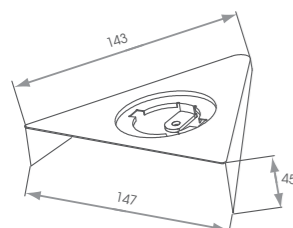
The range of 240V LED cabinet lights offer a discreet alternative to previous bulkier mains voltage cabinet lights, and is an ideal substitute for any applications which require lighting without a power converter. The range also features a simple to install connector system.

Capella Tri-Light SY7752WW or NW

Technical Information

Finish	Brushed Nickel
Power Supply	240V
Cable Length	1.5m
Guarantee	3 Years
Colour Appearance	Warm White & Natural White
Colour Temperature	3000K - 3500K or 4000K - 4500K
Total Lumens	WW - 191 lm NW - 191lm
Colour Rendering Index	Ra 82
Wattage	2.6W
IP Rating	IP20
Beam Angle	100°
Mounting	Surface

No Power Converter Required



Dimensions are given in mm

Compatible Accessories

- Kinetic Wireless Switches
- Capella 2 Way Distribution Block (SY7754)
- Capella 6 Way Distribution Block (SY7753)

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240V Capella

LED CABINET LIGHT



This new range of 240V cabinet lighting is a more discreet version of other larger mains voltage lights currently available. With the same visible appearance and size as our Orion 24Vdc cabinet light range, this is a great option for any application requiring lighting without a power converter. This range also uses a simple to install plug in connector system.

Technical Information

Finish	Brushed Nickel
Power Supply	240V
Cable Length	1.5m
Guarantee	3 Years
Colour Appearance	Warm White & Natural White
Colour Temperature	3000K - 3500K or 4000K - 4500K
Total Lumens	WW - 191 lm NW - 191lm
Colour Rendering Index	Ra 82
Wattage	2.6W
IP Rating	IP20
Beam Angle	100°
Mounting	Recessed or Surface

Capella Recessed SY7750BN/WW or NW

Capella Surface Mounted SY7751BN/WW or NW

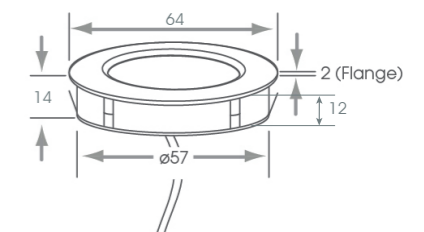
Compatible Accessories

- Kinetic Wireless Switches
- Capella 2 Way Distribution Block (SY7754)
- Capella 6 Way Distribution Block (SY7753)

Page 14 - 15



No Power Converter Required



Dimensions are given in mm

24V Superior Flexible COB

LED STRIP LIGHTING 5M REEL

4W
per metre

420
LED's
per metre

IP20

50mm
cut points



NEW

This new 24V high output COB LED strip features LED points within close proximity to each other, creating a uniform light output with no spotting, perfect for illuminating handle-less kitchen designs. The strip has a depth of only 1.7mm so is ideal for situating underneath a worktop, and is suitable for installation on all coloured handle-less profiles without the need for an aluminium extrusion. This LED strip also comes with VHB (**Very High Bond**) tape.

24V 5M LED COB Reel (50mm cut points) Warm White/Natural White/Cool White

SY2410WW, NW or CW
(Reel includes 2m distribution cable at both ends)

1.5m reconnection cable
SY9002

Technical Information

Power Supply	24Vdc
Adhesive	VHB
Cable Length	2m at both ends
Guarantee	3 Years
Colour Appearance	Warm White, Natural White or Cool White
Colour Temperature	3000K - 3500K, 4000K - 4500K or 6000k - 6500K
Colour Rendering Index	> Ra 90
Wattage	4W/m
IP Rating	IP20
Cut Marks	Every 50mm
LEDs per metre	420

Suitable Power Converters

15W/24Vdc Power Converter	SY2400	Runs up to 3M
20W/24Vdc Power Converter	SY2409	Runs up to 5M

Compatible Accessories

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• 1.5m Re-connection cable (SY9002)	



Dimensions are given in mm

24V Flexible LED Strip

5M REEL

4W
per metre

120
LED's
per metre

IP20

50mm
cut points



NEW

This 24V 5m reel is available in either warm, natural or cool white, offering an option for any kitchen design. The strip features 120 LED's per metre for a superb light output, ideal for using under a cabinet to light up a worktop. This LED strip also comes with VHB (**Very High Bond**) tape. A selection of Extrusions are available to house the strip in, please refer to page 29. Mounting LED strip within an extrusion not only helps to keep runs straight and neat, it also assists with heat dissipation, therefore prolonging the life of the LED strip. A diffuser finishes off the clean look, and provides protection from dust and water splashes.

24V Flexible LED Strip 5M Reel (50mm cut points) Warm White/Natural White/Cool White

SY2411WW, NW or CW
(Reel includes 2m distribution cable at both ends)

Technical Information

Power Supply	24Vdc
Adhesive	VHB
Cable Length	2m at both ends
Guarantee	3 Years
Colour Appearance	Warm White, Natural White or Cool White
Colour Temperature	3000K - 3500K, 4000K - 4500K or 6000k - 6500K
Colour Rendering Index	> Ra 80
Wattage	4W/m
IP Rating	IP20
Cut Marks	Every 50mm
LEDs per metre	120

Suitable Power Converters

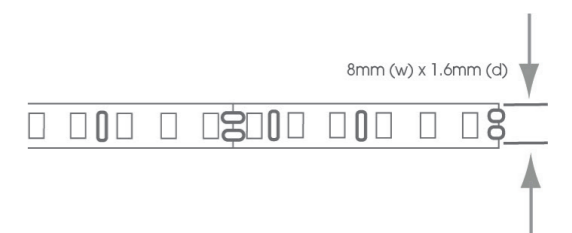
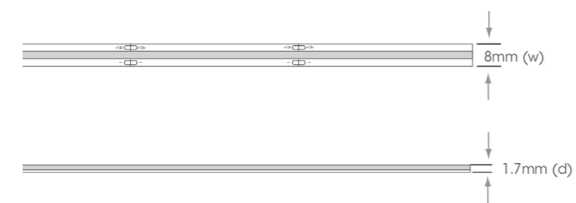
15W/24Vdc Power Converter	SY2400	Runs up to 3M
20W/24Vdc Power Converter	SY2409	Runs up to 5M

Compatible Accessories

• Kinetic Wireless Smart Controls (including dimming)	Page 14 - 15
• Sensors, Switches & Dimmers	Page 53 - 59
• WiFi 4 Zone Controls (including dimming)	Page 52
• 2m (SY7183) or 5m (SY7183/5) Extension Cables	Page 63
• SY8977A Reconnection Cable	
• SY8978A Reconnection Corner	



Dimensions are given in mm



24V IP65 Flexible LED Strip

500MM, 1M, 2M & 3M LENGTHS

4W
per metre

120
LED's
per metre

IP65

50mm
cut points



NEW

This 24V LED Strip is available in either warm, natural or cool white, offering an option for any kitchen design. The strip features 120 LED's per metre for a superb light output, ideal for using under a cabinet to light up a worktop, and is provided with VHB (**Very High Bond**) tape. A selection of Extrusions are available to house the strip in if required, please refer to page 29.

24V IP65 Flexible LED Strip (50mm cut points) Warm White/Natural White/Cool White

- 500mm - SY2415WW, NW or CW
- 1M - SY2412WW, NW or CW
- 2M - SY2413WW, NW or CW
- 3M - SY2424WW, NW or CW

(Strip includes 2m distribution cable on one end)

Technical Information

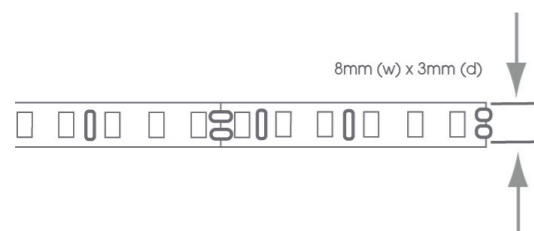
Power Supply	24Vdc
Adhesive	VHB
Cable Length	2m on one end
Guarantee	3 Years
Colour Appearance	Warm White, Natural White or Cool White
Colour Temperature	3000K - 3500K, 4000K - 4500K or 6000k - 6500K
Colour Rendering Index	> Ra 80
Wattage	4W/m
IP Rating	IP65
Cut Marks	Every 50mm
LEDs per metre	120

Suitable Power Converters

15W/24Vdc Power Converter	SY2400	Runs up to 3M
20W/24Vdc Power Converter	SY2409	Runs up to 5M

Compatible Accessories

• Kinetic Wireless Smart Controls (including dimming)	Page 14 - 15
• Sensors, Switches & Dimmers	Page 53 - 59
• WiFi 4 Zone Controls (including dimming)	Page 52
• 2m (SY7183) or 5m (SY7183/5) Extension Cables	Page 63

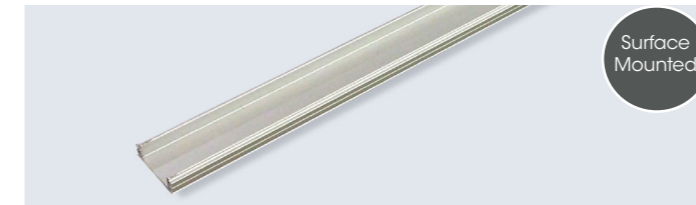


Dimensions are given in mm

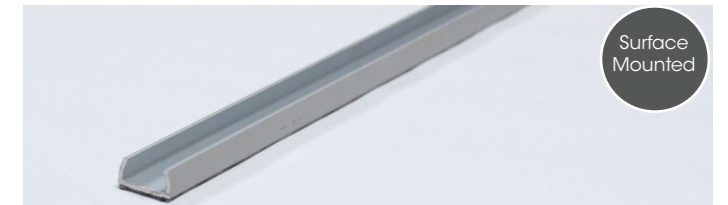
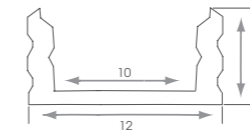
Aluminium Extrusion

FOR LED STRIP LIGHTING

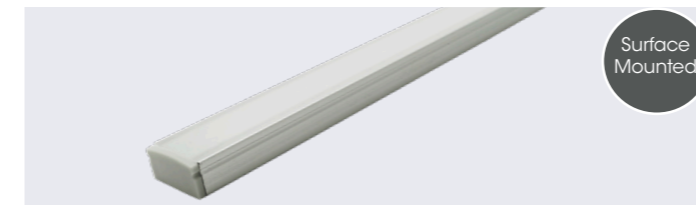
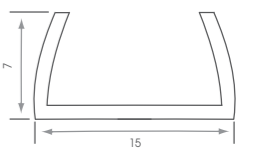
Mounting LED strip within an extrusion not only helps to keep runs straight and neat, it also assists with heat dissipation, therefore prolonging the life of the LED strip. A diffuser finishes off the clean look, and provides protection from dust and water splashes. We have various styles available depending on the application.



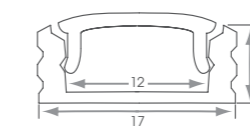
1M Shallow Surface Mounted Extrusion
SY9573/1
2M Shallow Surface Mounted Extrusion
SY9573/2



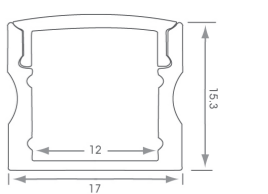
1M Surface Mounted Extrusion
SY7367



2M Surface Mounted Extrusion
SY7482
(including diffuser and end caps)



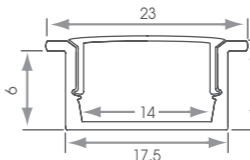
1M Deep Surface Mounted Extrusion
SY9583A/1
(including diffuser and end caps)



2M Deep Surface Mounted Extrusion
SY9583A/2
(including diffuser and end caps)



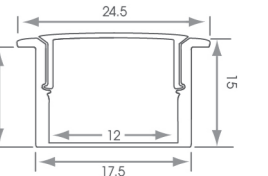
1M Recessed Extrusion
SY7388A
(including diffuser and end caps)



2M Recessed Extrusion
SY7392A
(including diffuser and end caps)



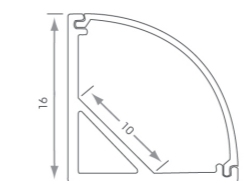
1M Deep Recessed Extrusion
SY7795/1
(including diffuser and end caps)



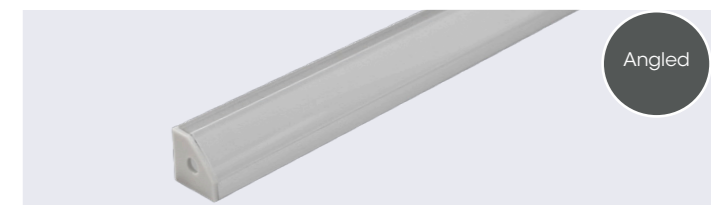
2M Deep Recessed Extrusion
SY7795/2
(including diffuser and end caps)



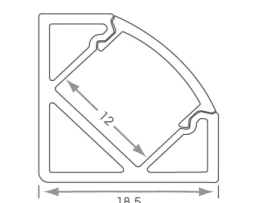
1M Angled Extrusion
SY7389A
(including diffuser and end caps)



2M Angled Extrusion
SY7409A
(including diffuser and end caps)



1M Angled Extrusion with 45° Diffuser
SY7843A/1
(including diffuser and end caps)



2M Angled Extrusion with 45° Diffuser
SY7843A/2
(including diffuser and end caps)



Vega Round

LED PLINTH LIGHTING



This new recessed plinth light adds great mood lighting into a kitchen. It features a diffused cover so the LED points are not visible. The sleek round design has a brushed nickel finish. Available in Warm White or Natural White.

Vega Round 4 Light Plinth Kit SY8975WW or NW



Technical Information

Finish	Brushed Nickel
Power Supply	240V
Cable Length	1.5m
Guarantee	3 Years
Colour Appearance	Warm White or Natural White
Colour Temperature	3000k - 3500k or 4000K-4500K
Total Lumens	WW - 60lm NW - 65lm
Wattage	1.2W
Colour Rendering Index	Ra 84
IP Rating	IP20
Mounting	Recessed

Power Converter Included

Compatible Accessories

• Kinetic Wireless Smart Controls (including dimming)	Page 14 - 15
• Sensors, Switches & Dimmers	Page 53 - 59
• WiFi 4 Zone Controls (including dimming)	Page 52
• 2m (SY7183) or 5m (SY7183/5) Extension Cables	Page 63



Dimensions are given in mm

Vega Square

LED PLINTH LIGHTING



This new recessed plinth light adds great mood lighting into a kitchen. It features a diffused cover so the LED points are not visible. The sleek square design has a brushed nickel finish. Available in Warm White or Natural White.

Technical Information

Finish	Brushed Nickel
Power Supply	240V
Cable Length	1.5m
Guarantee	3 Years
Colour Appearance	Warm White or Natural White
Colour Temperature	3000k - 3500k or 4000K-4500K
Total Lumens	WW - 60lm NW - 65lm
Wattage	1.2W
Colour Rendering Index	Ra 85
IP Rating	IP20
Mounting	Recessed

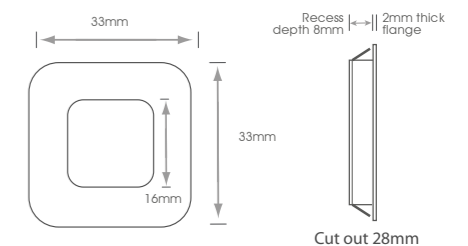
Power Converter Included

Compatible Accessories

• Kinetic Wireless Smart Controls (including dimming)	Page 14 - 15
• Sensors, Switches & Dimmers	Page 53 - 59
• WiFi 4 Zone Controls (including dimming)	Page 52
• 2m (SY7183) or 5m (SY7183/5) Extension Cables	Page 63



Vega Square 4 Light Plinth Kit SY8974WW or NW



Dimensions are given in mm

Sirius Eyelid

LED PLINTH LIGHTING



The Sirius Eyelid LED lights are a very unique set of plinth lights, which will add a stylish edge to a kitchen design. The Sirius Eyelid feature natural white LED with a stainless steel finish and are available in a four light pack. Can be recessed or surface mounted with the spacer included.

Sirius Eyelid 4 Light Plinth Kit

SY7295BN

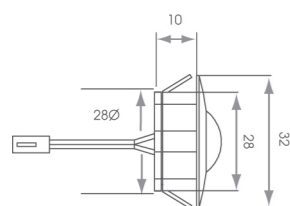
Technical Information

Finish	Stainless Steel
Power Supply	240V
Cable Length	2m
Guarantee	3 Years
Colour Appearance	Natural White
Colour Temperature	4000K - 4500K
Total Lumens	50lm
Colour Rendering Index	Ra 80
Wattage	1W
IP Rating	IP44
Mounting	Recessed or Surface

Power Converter Included

Compatible Accessories

• Kinetic Wireless Smart Controls (including dimming)	Page 14 - 15
• Sensors, Switches & Dimmers	Page 53 - 59
• WiFi 4 Zone Controls (including dimming)	Page 52
• 2m (SY7183) or 5m (SY7183/5) Extension Cables	Page 63



Sirius Square

LED PLINTH LIGHTING



The small square plinth light is part of our Sirius collection which features a diffused cover to hide the LED points within the fitting for a sleek look. The square plinth light is surface mounted, and is easily installed using the strong adhesive back included.

Technical Information

Finish	Stainless Steel
Power Supply	240V
Cable Length	2m
Guarantee	3 Years
Colour Appearance	Warm White or Natural White
Colour Temperature	3000 - 3500K or 4000K - 4500K
Total Lumens	WW - 70lm NW - 75lm
Colour Rendering Index	Ra 80
Wattage	1.5W
IP Rating	IP20
Mounting	Surface

Power Converter Included

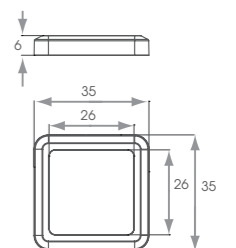
Compatible Accessories

• Kinetic Wireless Smart Controls (including dimming)	Page 14 - 15
• Sensors, Switches & Dimmers	Page 53 - 59
• WiFi 4 Zone Controls (including dimming)	Page 52
• 2m (SY7183) or 5m (SY7183/5) Extension Cables	Page 63



Sirius Square 3 Light Plinth Kit

SY7523WW or NW



Dimensions are given in mm

15mm Round LED PLINTH LIGHTING



This small and discreet plinth light is available with either cool or warm white LED, giving a choice to suit any particular design. The 15mm plinth lights are available in a 4 or 10 light kit, and are IP67 rated making them suitable for use in a bathroom.

15mm Round 4 Light Plinth Kit
SY9936WW or CW

15mm Round 10 Light Plinth Kit
SY9928A/WW or CW

Technical Information

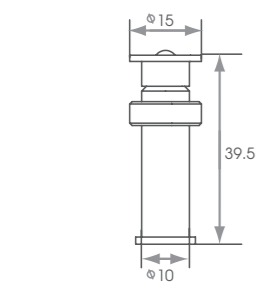
Finish	Stainless Steel
Power Supply	240V
Cable Length	1.5m
Guarantee	3 Years
Colour Appearance	Warm White & Cool White
Colour Temperature	3000K - 3500K & 6000K - 6500K
Wattage	0.30W
IP Rating	IP67
Mounting	Recessed

Power Converter Included

Compatible Accessories

- Kinetic Wireless Smart Receiver
- Kinetic Wall Switches

Page 14
Page 15



Cut out size = 10mm
Dimensions are given in mm

Vega Shelf IP44 ILLUMINATED LED SHELF



This LED shelf features a stylish panel, with a natural white light emitted through the shelf from the LED situated within the aluminium. The shelf is easily installed using the hanging brackets supplied and is available in 400mm or 600mm lengths. The maximum load of the shelf is 3Kg and is suitable for installation in bathrooms zones 1 and 2.

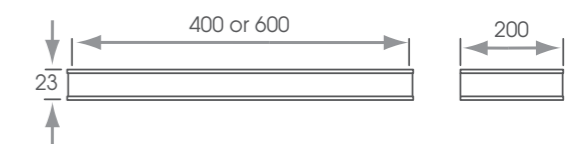
Technical Information

Finish	Aluminium
Power Supply	240V
Guarantee	3 Years
Colour Appearance	Natural White
Colour Temperature	4000K - 4500K
Wattage	13W/16W
IP Rating	IP44

Vega Shelf 400mm
SY8939

Vega Shelf 600mm
SY8940

No Power Converter Required



Dimensions are given in mm



Sirius Floating Shelf

IP44 ILLUMINATED LED SHELF



This LED shelf features a stylish opal acrylic panel, with a natural white glow emitted through the shelf from the LED situated within the aluminium hanging bracket. The shelf is easily installed using the included hanging brackets, and is available in 600mm or 900mm lengths. The maximum load the shelf can hold is 3 kilograms, and is suitable for installation in bathrooms zones 1 & 2.

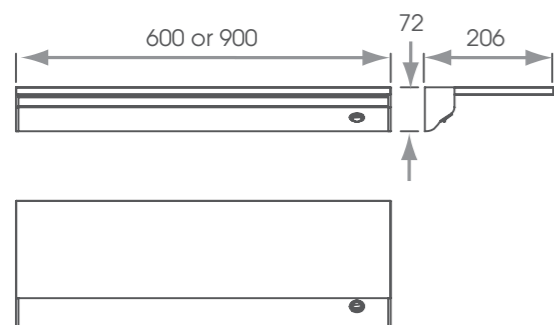
Sirius Floating Shelf 600mm
SY7417A

Sirius Floating Shelf 900mm
SY7418A

Technical Information

Finish	Aluminium
Power Supply	240V
Cable Length	2m
Guarantee	3 Years
Colour Appearance	Natural White
Colour Temperature	4000K - 4500K
Wattage	10W/15W
IP Rating	IP44

No Power Converter Required



Dimensions are given in mm



Nova Square

LITHIUM BATTERY LED LIGHT with Sensor



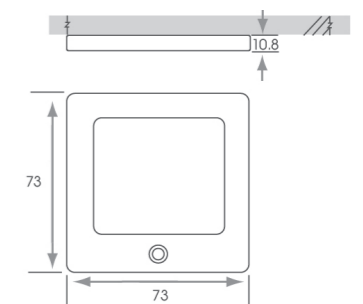
This lithium battery light has a diffused cover and is available in a natural white LED. It features a PIR sensor, which enables the unit to illuminate when movement is detected within a 500mm to 3m range, or when a cabinet door is opened. If in auto mode, the light will turn off if no movement is detected after 12 seconds. The unit also features a mode which will allow the light to be always on or it can be manually turned off if required.

Technical Information

Finish	White
Lithium Battery	5V
Battery Capacity	600mAh
Lighting Time	3 month (based on 5 minutes per day without charge)
Recharge Time	2 hours from no charge to full charge
Charging	Via USB cable (included)
Colour Appearance	Natural White
Colour Temperature	4000K - 4500K
PIR Sensor Max Distance	3M
Guarantee	12 Months

Nova Square LED Battery Light
SY8927

No Power Converter Required



Dimensions are given in mm

Nova Linear

LITHIUM BATTERY LED LIGHT



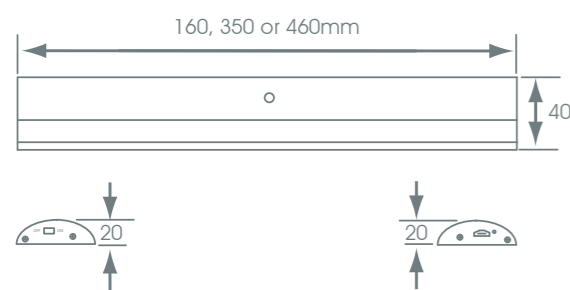
This lithium battery light is rechargeable using the integrated USB port. The battery light, which is available in natural white LED, also features an integrated PIR sensor which enables the unit to stay lit when movement is detected within a 1 metre range. Includes magnetic fixing brackets and charging cable.

- Nova Linear LED 160mm
SY7628A/160
- Nova Linear LED 350mm
SY7628A/350
- Nova Linear LED 460mm
SY7628A/460

Technical Information

Finish	Aluminium
Lithium Battery	3.7V
Battery Capacity	1600mAh
Lighting Time	1 month (based on 10 minutes per day without charge)
Recharge Time	3 hours from no charge to full charge
Charging	Via USB cable (included)
Colour Appearance	Natural White
Colour Temperature	4000K - 4500K
PIR Sensor Max Distance	3m
Guarantee	12 Months

No Power Converter Required



Nova Multi

LITHIUM BATTERY LED LIGHT



This battery light is the newest addition to the Nova range. It is a multi-functional light that can be used in 2 different modes. Swipe mode allows the user to wave their hand in front of the sensor to turn the light on. Auto mode means the light will turn on when the user opens a door or drawer, and turn off if no movement detected. With its lightweight, magnetic design it can be retrofit into kitchen drawers or cupboards easily.

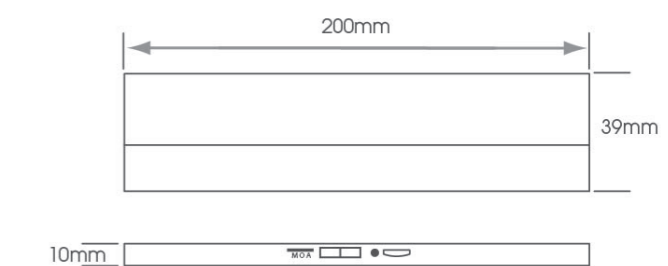
Technical Information

Finish	Aluminium
Lithium Battery	5V
Battery Capacity	600mAh
Lighting Time	1 month (based on 5 minutes per day without charge)
Recharge Time	2 hours from no charge to full charge
Charging	Via USB cable (included)
Colour Appearance	Natural White
Colour Temperature	4000K - 4500K
Sensor Distance	4cm
Guarantee	12 Months

No Power Converter Required



Nova Multi Functional LED Battery Light SY8979



Parma Black

COB LED PENDANT LIGHT



Parma White

COB LED PENDANT LIGHT



The stunning Parma Black LED pendant light is available with a matt black finish on the outer body, with an on-trend copper finish on the interior. The Parma pendant features a built in LED in a natural white colour temperature, and includes an adjustable cable to suit various areas of the kitchen or home.

With a contemporary matt white finish on the outside, the Parma White would look stunning over a breakfast bar or dining area. The interior features a built in natural white LED, surrounded by a stylish copper finish. The cable length is adjustable to suit different areas of a design as desired.

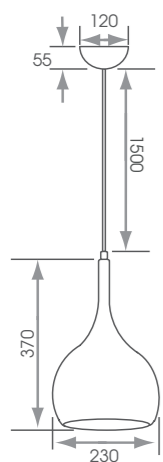
Parma Black COB LED Pendant Light

SY7809BL

Technical Information

Finish	Matt Black/Copper
Power Supply	240V
Cable Length	1.5m (adjustable)
Guarantee	3 Years
Colour Appearance	Natural White
Colour Temperature	4000K - 4500K
Wattage	8W
IP Rating	IP20

No Power Converter Required



Dimensions are given in mm



Technical Information

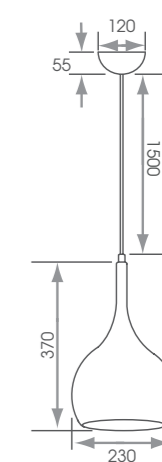
Finish	Matt White/Copper
Power Supply	240V
Cable Length	1.5m (adjustable)
Guarantee	3 Years
Colour Appearance	Natural White
Colour Temperature	4000K - 4500K
Wattage	8W
IP Rating	IP20

No Power Converter Required



Parma White COB LED Pendant Light

SY7809WH



Dimensions are given in mm

Pavia

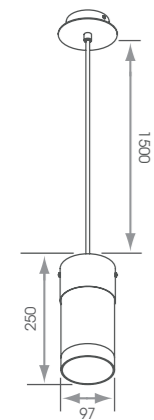
PENDANT LIGHT



The Pavia pendant light features a partially frosted glass cylinder shade, perfect for contemporary style environments. Ideal situated over a kitchen island, breakfast bar or dining table, on its own or in a bank or 2 or 3 lights to make a bold statement. Supplied with 1.5m of cable which can be adjusted to suit customer requirements. The lamp is purchased separate, which we can offer in a choice of warm or natural white, detailed below.

Pavia Pendant Light (fitting only)

SY7716



Dimensions are given in mm

Technical Information

Finish	Chrome
Power Supply	240V
Lamp Type	GX53
Cable Length	1.5m (adjustable)
IP Rating	IP20

No Power Converter Required

Lamp option

6.5W GX53 Diffused LED Lamp

Part Number	Wattage	Colour Appearance	Colour Temperature	Colour Rendering	Total Lumens	Lamp Life*	Beam Angle
SY7278WW	6.5W	Warm White	3000-3500k	Ra 82	540 lm	20,000	100°
SY7278NW	6.5W	Natural White	4000-4500k	Ra 81	550 lm	20,000	100°
SY7278CW	6.5W	Cool White	6000-6500k	Ra 81	550 lm	20,000	100°



*based on 70% of initial lumen output, technical data only applicable if purchasing fitting with our lamp.

Concreto

PENDANT LIGHT



This stylish pendant is perfect for anyone wishing to infuse a minimalistic look into their designs and would be ideal for creating an industrial feel within the kitchen over an island or dining area.

Technical Information

Power Supply	240V
Lamp Type	E27
Cable Length	1.5m (adjustable)
IP Rating	IP20

No Power Converter Required

Lamp option

6W E27 LED Candle Lamp

Part Number	Wattage	Colour Appearance	Colour Temperature	Luminous Efficacy	Colour Rendering Index	Luminous Flux	Lamp Life*
SY7619/2700K	6W	Warm White	3000-3500k	78 lm/W	>Ra 80	470	15,000
SY7619/6500K	6W	Cool White	5000-6000k	78 lm/W	>Ra 80	470	15,000



*based on 70% of initial lumen output, technical data only applicable if purchasing fitting with our lamp.



Motorised Pop Up Module

WITH Qi WIRELESS CHARGING



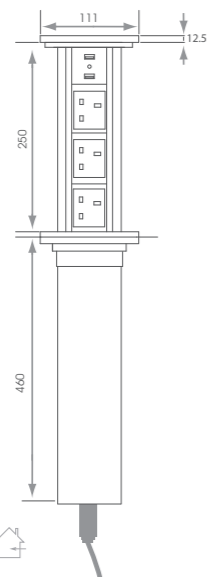
Simply place your finger on the centre of this module and it will rise to reveal 3 UK sockets and 2 USB ports. When closed the module uses wireless technology to charge compatible devices using Qi technology. The module also features an anti trap safety feature which stops the module closing when an object or body part is trapped. The module will also flash red to make the user aware of the object. The SY8994/speaker version features a Bluetooth speaker, 2 UK sockets, 2 USB ports, volume control and AUX input.

Motorised Pop Up Module SY8994

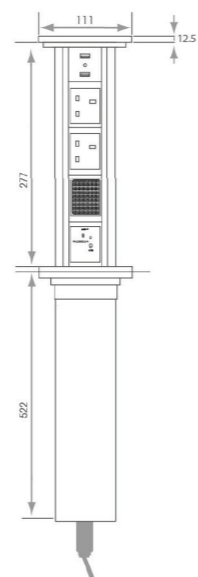
Motorised Pop Up Module with Speaker SY8994/SPEAKER

Technical Information

Finish	Silver
Wireless Charging	Qi
Cut Out Size	95mm
UK Sockets	3/2
USB Ports	2
USB Port Current	2100mA (combined)
IP Rating	IP44 (when down)
Cable Length	1.9m
Guarantee	12 Months



SY8994



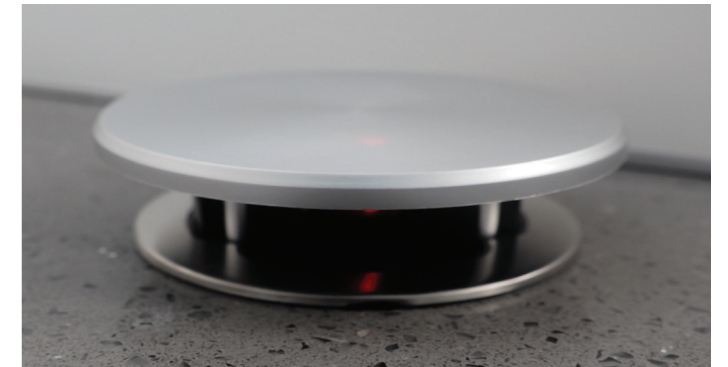
SY8994/SPEAKER

Dimensions are given in mm

EMC SELV

Powertech Pull Up Module

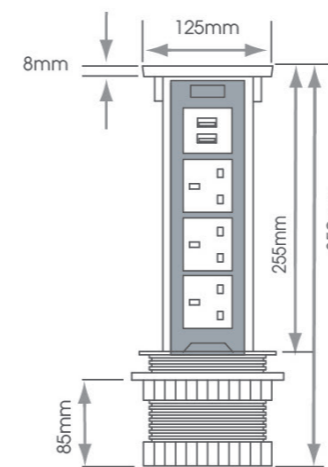
WITH Qi WIRELESS CHARGING



This new version of the powertech module pulls up to reveal 3 UK sockets and 2 USB ports. It also features Qi wireless charging when the module is pushed down. The module comes in a choice of black or silver finish.

Technical Information

Finish	Black or Silver
Wireless Charging	Qi
Cut Out Size	95mm
UK Sockets	3
USB Ports	2
USB Port Current	2100mA (combined)
IP Rating	IP44 (when down)
Cable Length	1.9m
Guarantee	12 Months



EMC SELV

Pull Up Module Black Finish

SY8993BK



Pull Up Module Silver Finish

SY8993SL



Dimensions are given in mm

Powertech Module

WITH BLUETOOTH SPEAKER & USB PORTS



This Powertech Module features a built in audio speaker, which enables users to stream music from connected devices, such as smartphones or tablets. The model also includes 3 X UK sockets and 2 X USB ports for charging, capable of charging 1000mA per socket. The power tech has a simple installation process and is ideal for saving space in a kitchen or office environment. The unit is available with silver or stainless steel effect top.

Powertech Module with Bluetooth Speaker & USB Ports - Silver

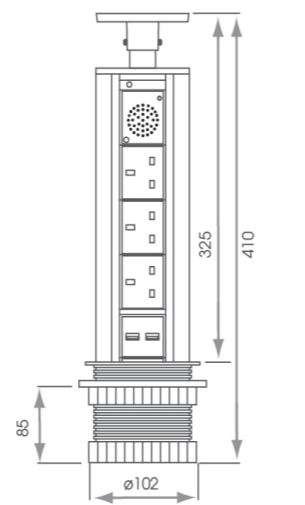
SY7192/SPEAKER

Powertech Module with Bluetooth Speaker & USB Ports - Stainless Steel

SY7192ST/SPEAKER

Technical Information

Finish	Silver or Stainless Steel
Cut Out Size	102mm
UK Sockets	3
USB Ports	2
USB Port Current	2000mA (combined)
IP Rating	IP20
Guarantee	12 Months



Dimensions are given in mm
Cut out size = 102mm

Powertech Module

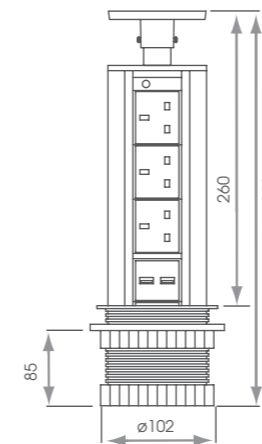
WITH USB PORTS



Our Powertech Module includes 3 X UK sockets and 2 X USB ports for charging, capable of charging 1000mA per socket. The Powertech has a simple installation process and is ideal for saving space in a kitchen or office environment. The unit is available with silver, black or stainless steel effect top.

Technical Information

Finish	Silver, Black or Stainless Steel Effect
Cut Out Size	102mm
UK Sockets	3
USB Ports	2
USB Port Current	2000mA (combined)
IP Rating	IP20
Guarantee	12 Months



Dimensions are given in mm
Cut out size = 102mm

Powertech Module with USB Ports Silver

SY7192SI

Powertech Module with USB Ports Black

SY7192BK

Powertech Module with USB Ports Stainless Steel

SY7192STST



Evoline Port Cuisine



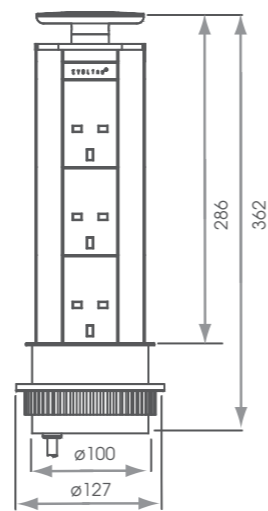
Port Cuisine, the vertically or horizontally retractable power strip with three 60° sockets, is the perfect upgrade for kitchens of the highest standards. The high-quality aluminium housing can be raised with the press of the finger and lowered, flush with the working surface, even while in use. The see-saw cover allows room for the cords. All the plugs are accessible - but not in the way. This model is available with silver top, or stainless steel, but various finishes and colour options are available for special order, please contact our sales team with your requirements.

Evoline Port Cuisine Silver SY9737

Evoline Port Cuisine Stainless Steel SY9737SS

Technical Information

Finish	Silver or Stainless Steel
Cut Out Size	102mm
UK Sockets	3
IP Rating	IP20
Guarantee	12 Months



Dimensions are given in mm
Cut out size = 102mm

Evoline Port Cuisine WITH USB PORTS

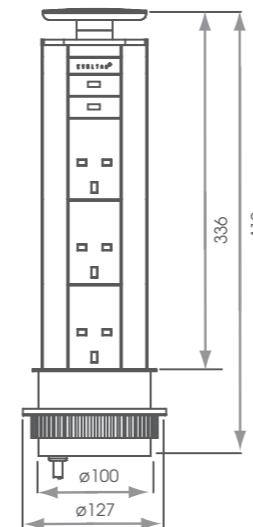


Evoline Port Cuisine with USB ports is a vertically or horizontally retractable power strip with three 60° sockets. The high-quality aluminium housing can be raised with the press of the finger and lowered, flush with the working surface, even while in use. The see-saw cover allows room for the cords. This model also includes 2 USB ports which offers charging ability of 1400mA. The USB ports are compatible with ipod™ ipad™ and other mobile phones, cameras and GPS. This model comes with a Stainless Steel top as standard.

Technical Information

Finish	Stainless Steel
Cut Out Size	102mm
UK Sockets	3
USB Ports	2
USB Port Current	1400mA
IP Rating	IP20
Guarantee	12 Months

Evoline Port Cuisine with USB SY7366



Dimensions are given in mm
Cut out size = 102mm



Evoline Backflip

POWER DOCK



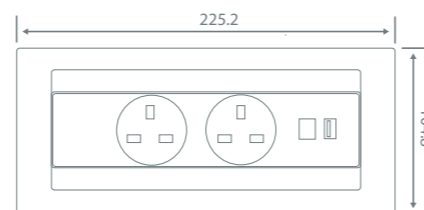
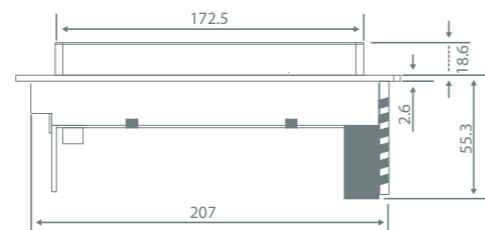
Compact and flush fitting, the EVOLine Backflip provides access to discreet power connectivity, wherever it may be needed. Installed into a worktop and/or above most drawers the EVOLine Backflip turns effortlessly with the press of a finger to reveal 2 UK power sockets and a USB charging point.

-  EVOLine Backflip Module
Stainless Steel - SY9736SS
-  EVOLine Backflip Module
Black Glass - SY9736BK
-  EVOLine Backflip Module
Black Steel - SY9736BL
-  EVOLine Backflip Module
White Glass - SY9736WH
-  EVOLine Backflip Module
White Steel - SY9736WS



Technical Information

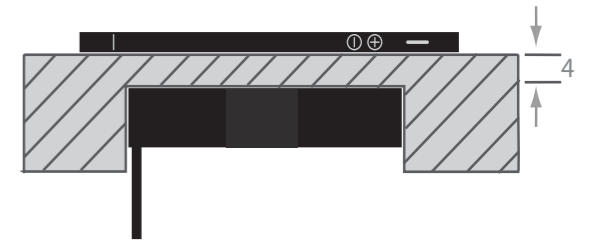
Finish	Shown opposite
Power Supply	240V
Cut Out	88 x 215mm
Guarantee	12 Months



Dimensions are given in mm

Wireless Hidden

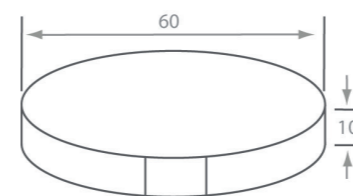
QI CHARGER



This hidden wireless charger is compatible with all Qi-Enabled devices such as smartphones or tablets, for easy charging. The charger features built in overvoltage, overheating and short-circuit protection. Complete with 1.5m cable and USB plug, and a snap in mechanism. The Qi charger is compatible with Qi-Enabled devices (please visit our website for a full list of Qi-enabled devices)

Technical Information

Standard	Qi V 1.2 compliant
No of Coil	1
Wireless Charging Distance	< 4mm
Input Voltage	DC 5 - 12V
Input Current	2.0A
Rated Output	2.0A
Power Loading Max	15W Max
Wireless Charging Efficiency	>75%
Operating Temperature	0 - 40°C
Self-Power Consumption	0.5W
Guarantee	12 Months



Cut out size 60mm
Dimensions are given in mm

Wireless Hidden Qi Charger SY7962/A



WiFi 4 Zone

REMOTE CONTROL

Download the app here:



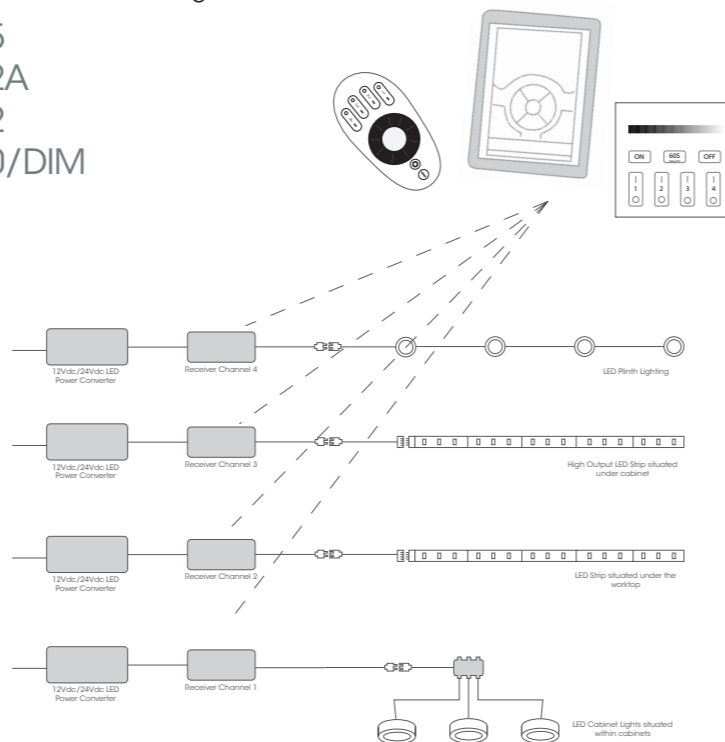
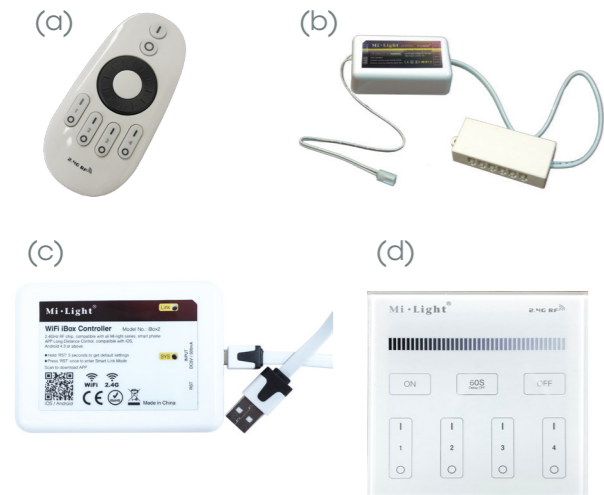
Our innovative 4 zone remote control system allows wireless control of multiple LED lights in the palm of your hand, using a hand held remote, a smart device, or a wall mounted controller.

The WiFi control device is compatible with our 24Vdc LED lights so you can control your cabinet lights, plinth lights, strip lighting or any other 24Vdc lighting using your smart phone or tablet, by downloading the app, which is free via the Apple App store or Android Google Play.

The WiFi hub will allow you to control your connected lights from anywhere in the world as long as you have a cellular connection, 3G or 4G network, or connected to any WiFi network at your office, holiday location, school or anywhere you find yourself.

We have introduced a wall mounted controller that works in conjunction with the receivers across up to 4 zones. This fits a single wall mounted surface box. All types of switching (remote, smart device, wall mount) can be used to control the same lighting installation. Please contact our technical department for design ideas and advice.

- (a) 4 Zone Remote Control SY9565
- (b) Receiver (WiFi compatible) SY7542A
- (c) WiFi Control Device SY7562
- (d) Wall Mounted Controller SY8810/DIM



Touch Dimmer



The touch dimmer is compatible with all of our 24Vdc LED lighting ranges. It offers a simple plug and play connection system, so lights can be controlled from a single switch. The unit incorporates a soft blue light to aid location in the dark, and a surface mounting fixing method via 2 screws, which are hidden by the clip on brushed nickel fascia plate.

Unit includes connection for one light, a 12 Way Distribution Block can be purchased separately if required.

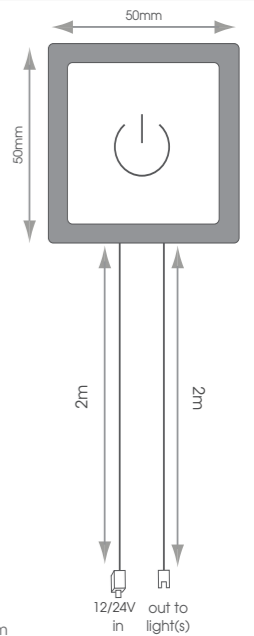
Touch Dimmer SY7917/B

12 Way Distribution Block SY7637



Technical Information

Finish	Silver
Power Supply	12Vdc/24Vdc
Cable Length	2m
Wattage	60W (12Vdc) 120W (24Vdc)
IP Rating	IP20
Mounting	Surface
Guarantee	12 Months



Dimensions are given in mm

Touch On/Off

240V SENSOR



Sensor pad supplied

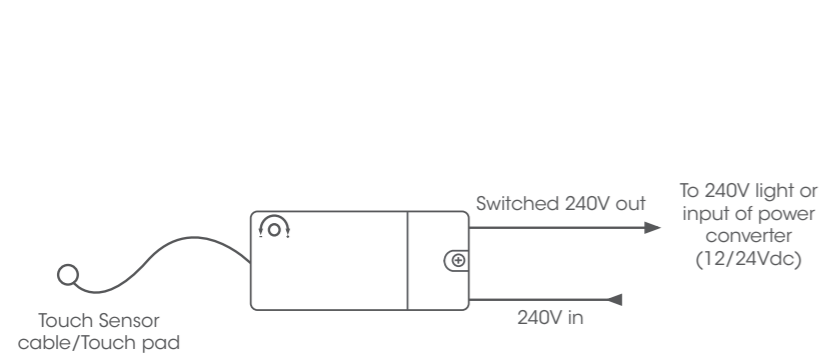
Touching the sensor pad supplied switches the 240VAC supply to the lighting circuit. Featuring adjustable touch sensitivity, the unit can be set to suit customer requirements.

Operates 24V/350mA circuits via a relevant power converter, and also operates 240v circuits. The length of the sensor lead included is 1.5m long. Please note that the incoming and outgoing 240V supply cables are not supplied with this unit.

Technical Information

Power Supply	240V
Wattage	500W max
IP Rating	IP20
Guarantee	12 Months

Touch On/Off Sensor SY7961



Dimensions are given in mm



Multi Purpose DOOR SENSOR & SWIPE SENSOR

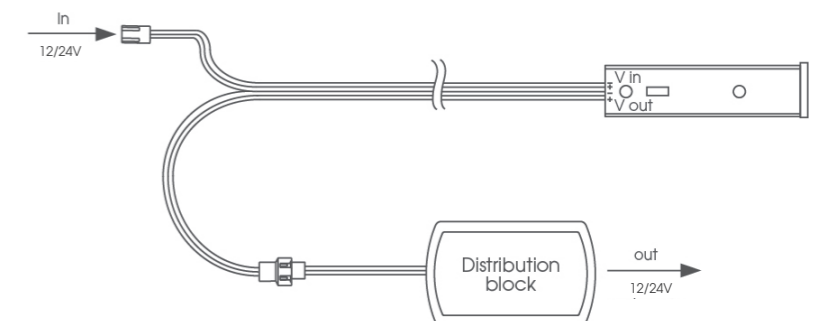
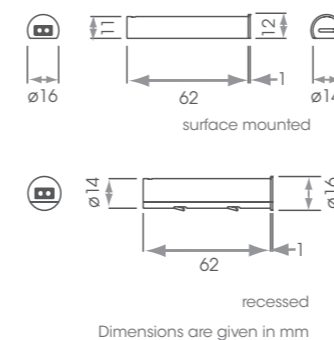


This innovative sensor can be used as either a door sensor, to automatically switch on lights on or off within cupboards or cabinets when the doors are opened and closed, or can be used as a swipe on/off sensor. This sensor is small and discreet and comes in a silver finish. The sensor is suitable for use with all our 24Vdc LED lights and can be recessed or surface mounted.

Multi Purpose Door Sensor/Swipe Sensor SY7510B/SIL

Technical Information

Finish	Silver
Power Supply	12/24Vdc
Cable Length	see diagram below
Wattage	15W (12Vdc) 30W (24Vdc)
IP Rating	IP20
Mounting	Surface or Recessed
Guarantee	12 Months



Infra Red

DOOR SENSOR



This infra Red sensor switch offers a discreet surface mounted solution for automatic switching of 12/24Vdc LED lighting. Connection via the Sycamore plug and play connector system allows cabinet lights and flexible strip to be controlled by opening the door or drawer. Suitable for kitchen units and wardrobes, this switch is easily installed using the 2 screws, and is supplied with 2 metres of cable to allow the control unit to be located either behind or on top of the unit. Unit includes connection for one light, a 12 Way Distribution Block can be purchased separately if required.

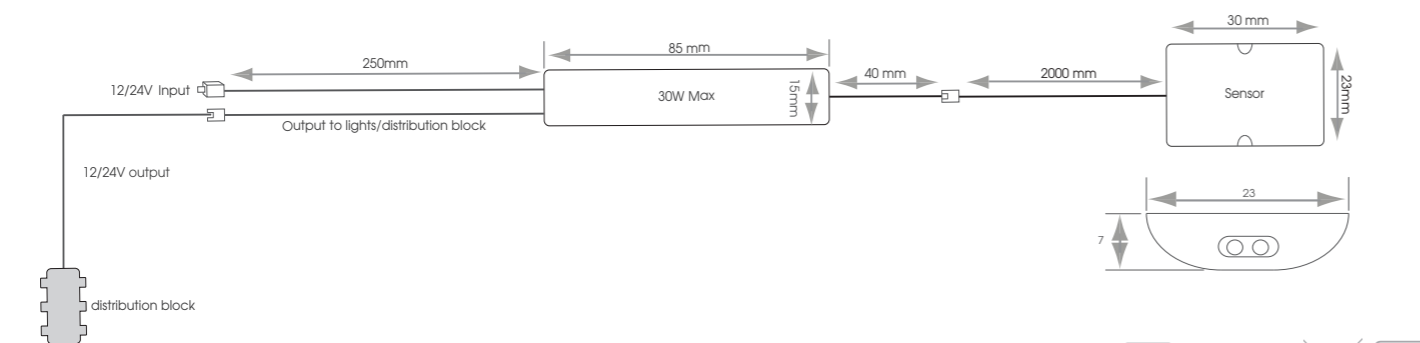
Infra Red Door Sensor Switch SY7914

12 Way Distribution Block SY7637



Technical Information

Finish	Silver
Power Supply	12/24Vdc
Cable Length	see diagram below
Wattage	30W Maximum
IP Rating	IP20
Mounting	Surface
Guarantee	12 Months



Dimensions are given in mm



Infra Red

SWIPE SENSOR



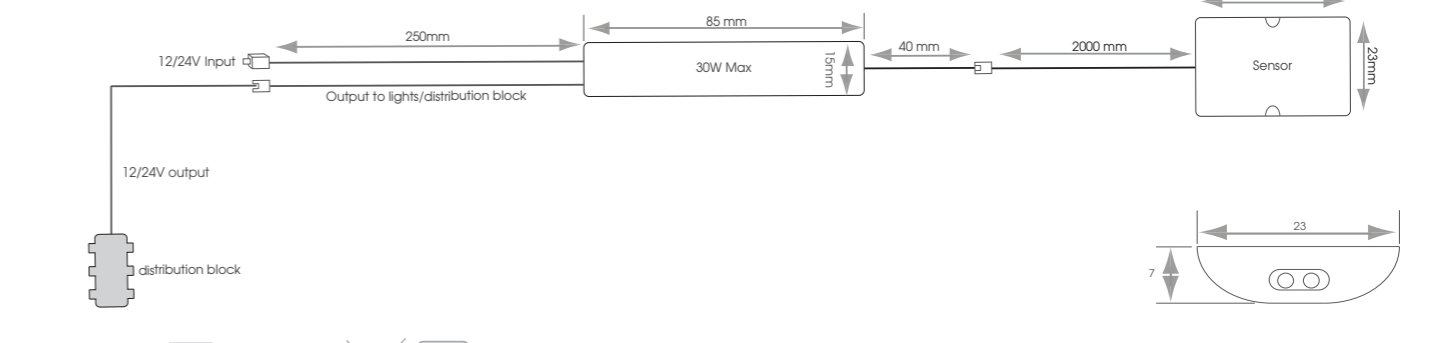
The swipe sensor switch offers a discreet surface mounted solution for automatic switching of 12/24Vdc LED lighting. Connection via Sycamore's plug and play connector system allows lights to be controlled by a swipe of the hand. The switch is easily installed using 2 screws, and is supplied with 2 metres of cable to allow the unit to be located either behind or on top of a unit. Unit includes connection for one light, a 12 Way Distribution Block can be purchased separately if required.

Technical Information

Finish	Silver
Power Supply	12/24Vdc
Cable Length	see diagram below
Wattage	30W Maximum
IP Rating	IP20
Mounting	Surface
Guarantee	12 Months

Infra Red Swipe Sensor SY7916

12 Way Distribution Block SY7637



Dimensions are given in mm



Automatic Mini PIR

ADJUSTABLE TIMER & LUX SENSOR



This motion sensor is suitable for installation in plinths or ceilings. It can be used to automatically switch lights on and off by detecting movement. This sensor can be used for LED, halogen and fluorescent light sources. The unit also features an adjustable timer, which can be set from 30 seconds up to 30 minutes. The unit also has photocell adjustment, so you can adjust the lux level sensor by 10 - 2000 lux. This enables the user to determine the lighting level at which the switch operates, for example, it can be set so the lights don't trigger in the daylight.

Motion Sensor with Adjustable Timer & Lux Levels (White)

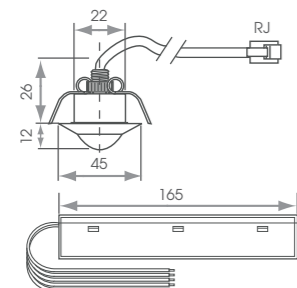
SY7262A

(a) Silver Cover

SY7561

(b) IP65 Cover

SY7898



Dimensions are given in mm
Cut out size = 34mm



Motion

SENSOR



This discreet passive infra red (PIR) motion detector can be recessed within wardrobes, cabinets, pantries and plinths. Easily installed using the Sycamore plug and play system, and compatible with Sycamore's 12/24Vdc LED lighting range. Unit includes connection for one light, a 12 Way Distribution Block can be purchased separately if required.

Technical Information

Finish	Silver
Power Supply	12/24Vdc
Cable Length	2m
Wattage	30W Maximum
IP Rating	IP20
Mounting	Recessed
Guarantee	12 Months

Motion Sensor

SY7915

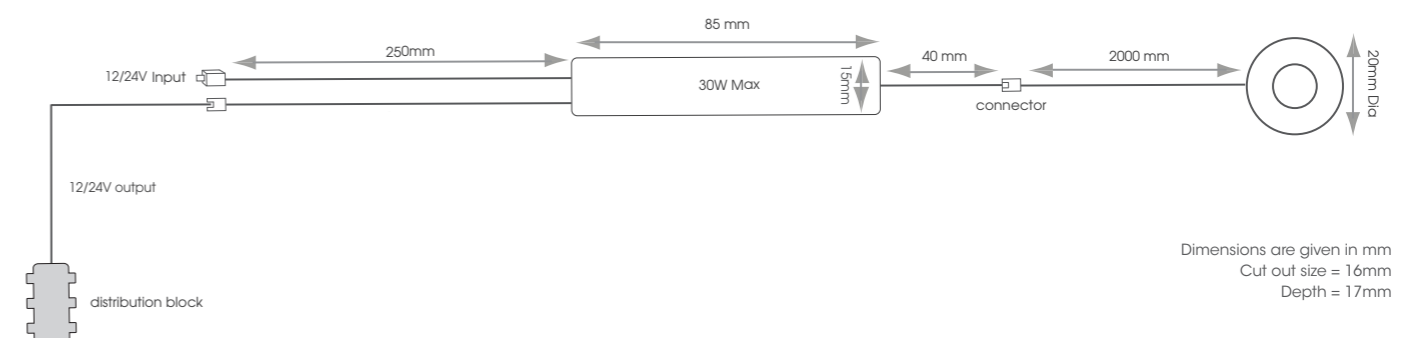
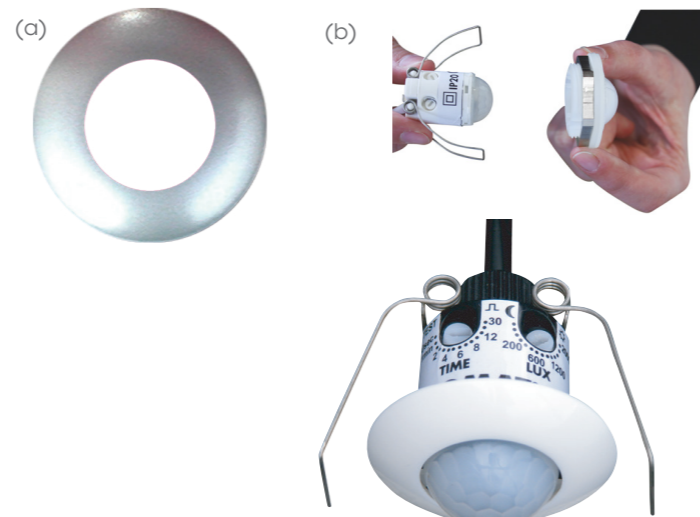
12 Way Distribution Block

SY7637



Technical Information

Finish	White (Silver cover available, purchased separate)
Power Supply	240V
Sensor Distance Seated	4m
Sensor Distance Walking Across	10m
Sensor Distance Walking Towards	6m
IP Rating	IP20 (IP65 cover purchased separate)
Sensor Range	360°
Timer Adjustment	10 Seconds - 30 Minutes
Lux Adjustment	10 - 2000 Lux
Guarantee	12 Months

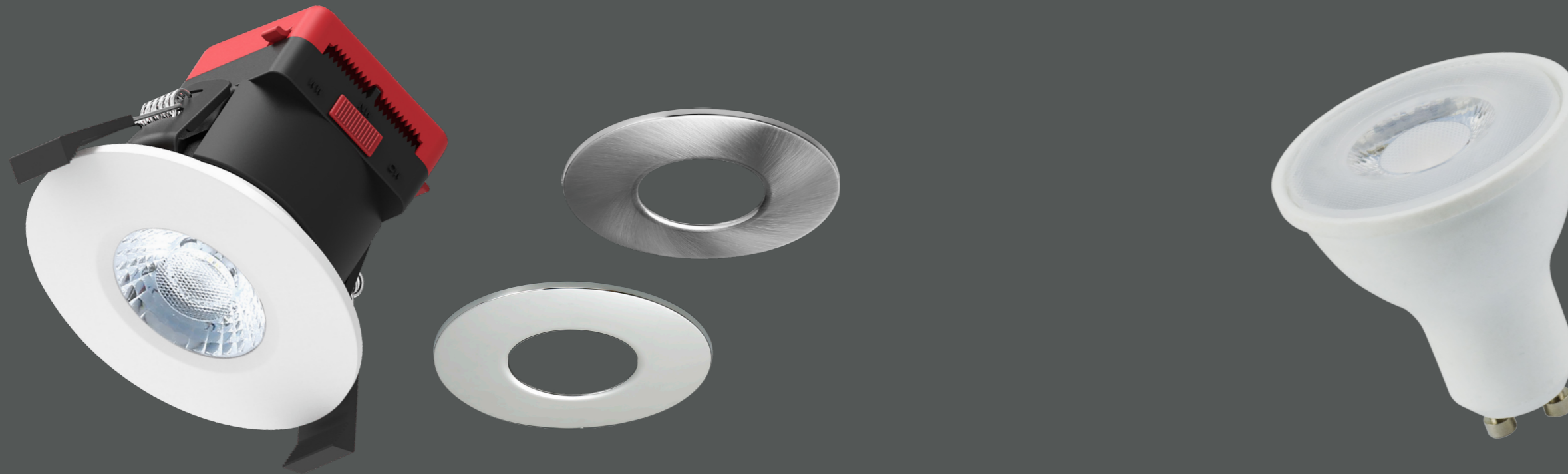


Switchable Dimmable LED

IP65 FIRE RATED DOWNLIGHT

COB Style LED

GU10 LAMP



Choose from 3000k, 4000k or 6000k by simply choosing your preference using the integrated switch on the fitting. It is also fully dimmable from most standard wall dimmers, and also includes the power converter. The light output is equivalent to a 50W GU10 halogen lamp, but due to the latest LED technology it uses 85% less energy, helping to save money and the environment. The fitting is designed to allow loft insulation to be continuously run over the back of the fitting (IC Rated), and features a loop in - loop out clip block.

Our 5W LED lamp features the very latest in COB style technology. It is an ideal alternative to GU10 halogen lamps, and is available in warm, natural or cool white.

Switchable Dimmable LED IP65 Fire Rated Downlight White

SY9004WH

Brushed Nickel Bezel

SY9005BN

Polished Chrome Bezel

SY9006CC

Technical Information

Power Supply	240V
Colour Temperature	Switchable 3000k/4000k/6000k
Guarantee	3 Years
Wattage	8W
Total Lumens	616lm (WW) 702lm (NW) 632lm (CW)
Colour Rendering Index	>80
IP Rating	IP65
Finish	White (Polished Chrome and Brushed Nickel available to purchase separate)
Beam Angle	60°
Cut Out Size	70mm

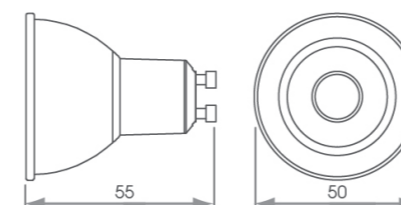
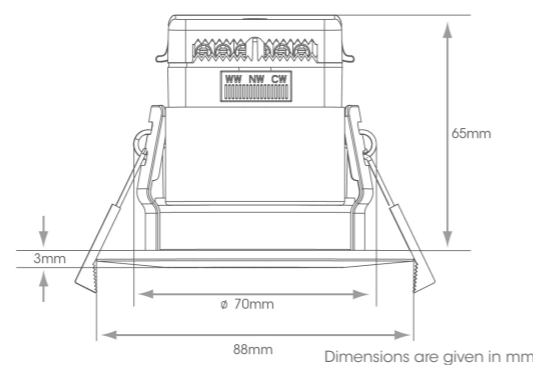
Technical Information

Power Supply	240V
Colour Temperature	3000k, 4000k & 6000k
Guarantee	3 Years
Wattage	5W
Total Lumens	435lm (WW) 485lm (NW) 455lm (CW)
Colour Rendering Index	Ra 83 (WW) Ra 85 (NW) Ra 86 (CW)
Beam Angle	36°

COB Style 5W GU10 LED Lamp Warm White, Natural White or Cool White

SY7534B/WW, NW or CW

Power Converter Included



Dimensions are given in mm

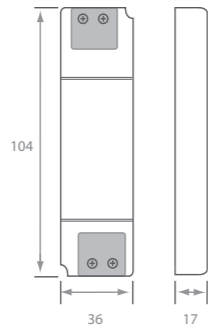


24V LED POWER CONVERTERS

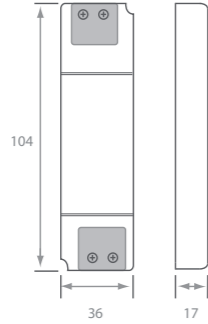
All the Sycamore 24Vdc LED Power supplies feature a fast fit plug in system, which allows connection of compatible lights into a pre-wired distribution block on the 24V side of the unit.



15W/24Vdc LED Power Converter (6 port)
SY2400



20W/24Vdc LED Power Converter (6 port)
SY2409

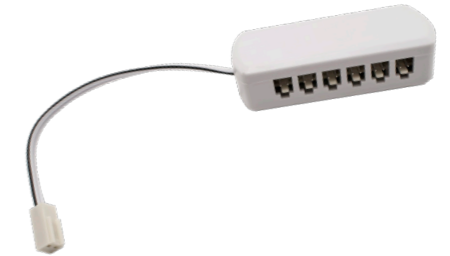


Accessories

The collection of accessories are designed to help make our 24Vdc LED lighting easier to install.

12 Way Distribution Block
SY7637

NB: observe maximum wattage of driver being used



2M Extension Lead
SY7183

2m male to female extension lead, to connect 24Vdc LED light to driver.



Cable Tidy 260mm
SY7911

Use to neaten cables.



Portable Flood Light

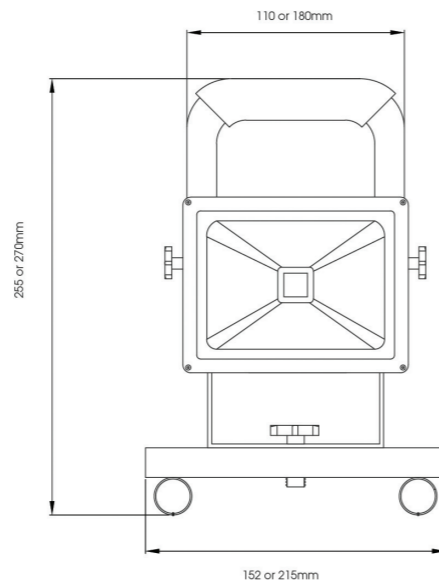
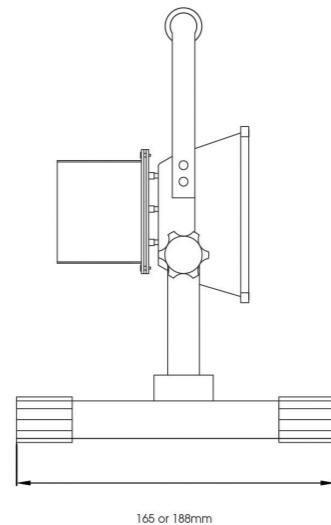


This new portable flood light has an IP65 rating, meaning it is waterproof and perfect for outdoor use. It has a built in USB rechargeable battery, which once fully charged lasts for a maximum of 15 hours. The flood light only takes 2 hours to charge from flat battery to fully charged. It also has 3 dimming levels, plus a flashing red SOS emergency light.

Technical Information

Battery Capacity	3.7V/4400mA 3.7/8800mA DC5V
Colour Temperature	Natural White 4000K
Working Time	3 hours for 100% 6 hours for 50% 15 hours for 20%
Charging Time	2 Hours
Wattage	10W/20W
IP Rating	IP65
Guarantee	12 Months

10W Portable Flood Light SY8970
20W Portable Flood Light SY8971



Dimensions are given in mm



Glossary of Icons & Technical Data

	Indicates the compliance with the low voltage and electromagnetic compatibility
	Class I lighting: includes earth protection as a complementary security measure against electrical shocks
	Class II lighting: includes a reinforced or double insulation as a protection against electrical shocks
	Class III lighting: the protection against electrical shocks comes from the supply of very low voltage tension
	Suitable for installation on normally combustible surfaces
	Suitable for use in furniture
	For indoor use only
	WEEE Compliant
ROHS	ROHS compliant
SELV	Product certified through the respective certifying body
EMC	Product certified through the respective certifying body
TUV	Product certified through the respective certifying body
ITS	Product certified through the respective certifying body

Guarantee
Please refer to our website for information on our guarantee terms and conditions.

Colour Appearance and Colour Temperature
The most common terminology is to classify colour temperature as one of three options. These being warm white (approx 3000k), natural white (approx 4000k) and cool white (approx 5500k).

Colour Rendering Index (CRI)
This is a figure that indicates the accuracy of the reflective surface colour of an object when subjected to artificial light. For example an object in daylight on a reasonably sunny day will be subject to a CRI of 100 from the light source, which in this case would be daylight, the sun. Theoretically the colour of an object will be 100% true.

Once the same object is placed into a dark room and a light fitting with a CRI of 85 is illuminating it, then the colour of that object will be 85% of its true colour. Therefore the higher the CRI, the more accurate the colour.

Colour temperature has a bearing on this as a white object would appear "yellow" if illuminated by a warm white light source. Careful consideration has to be taken to ensure that the correct type of light with the correct CRI and colour temperature is selected for any given installation.

A CRI of 80 is the minimum standard.

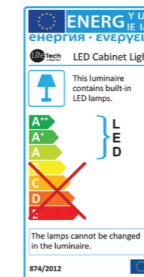
Luminous Efficacy and Luminous Flux
This relates to the amount of light (lumens) emitted from a light fitting in relation to the amount of power it uses to create this output. There are now regulations in place that state minimum lumens per watt criteria and any lights that do not conform aren't able to be used in certain applications. Advice should always be taken to ensure that the correct lighting is used on any installation.

Maximum Lux Levels
The cone diagrams associated with each light show the expected lighting level at a measured distance. These may vary dependant on surrounding surfaces and colour.

Beam Angles
The beam angle of a light fitting allows the installer to determine the spacing of light fittings as to achieve the most uniform, consistent lighting onto the desired area.

ERP Directive

From the 1st February 2013, minimum energy efficiency requirements for directional lamps and LED lamps came into effect (EG 1194/2012). Furthermore the energy labelling for lamps was newly regulated and broadened in scope and was introduced for luminaires from the 1st March 2014 (EG 874/2012). A typical ERP label is shown.



Bathroom Regulations

All installations must comply to guidelines based on the zonal requirements. These regulations apply to domestic installations only.

SycamoreLED.com recommends that all electrical work carried out is done by a suitably qualified electrician in accordance with the current IEE wiring regulations (17th edition).

Bathroom lights are classified using an IP (Ingress Protection) rating. The IP characters are followed by 2 numbers which refer to the level of protection against the ingress of foreign bodies (1st number) and protection against the ingress of liquids (2nd number).

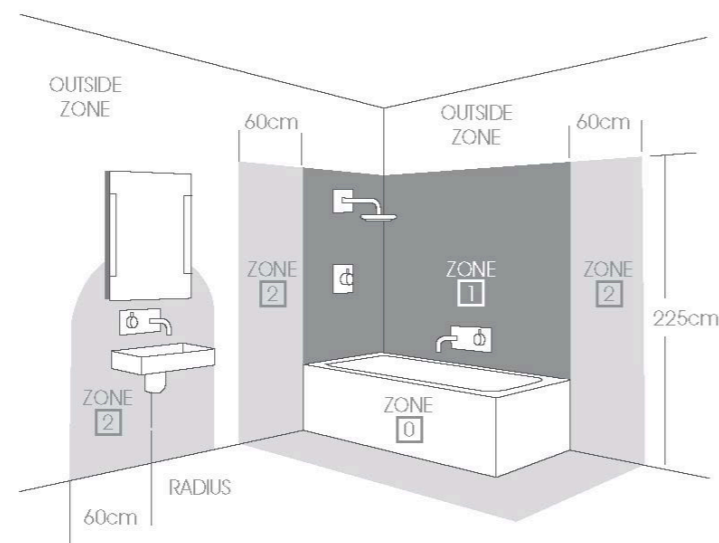
Zone 0 - is inside the bath or shower. Any fitting used in this zone must be low voltage (max 12v) and be rated at least IP67 (immersion proof).

Zone 1 - is an area above the bath to a height of 2.25m from the floor. In this zone a minimum rating of IPX4 is required.

Zone 2 - is an area stretching 0.6m outside the perimeter of the bath and to a height of 2.25m from the floor. In this zone a minimum of IPX4 is required. Around a wash basin, a radius within 60cm is considered as zone 2.

Outside zones - has no special requirements unless water jets are likely to be used for cleaning purposes.

All zones - any electrical circuits in a bathroom must be protected by a 30 mA Residual Current Device (RCD). Electrical equipment exposed to water jets for cleaning purposes must be at least IPX5.



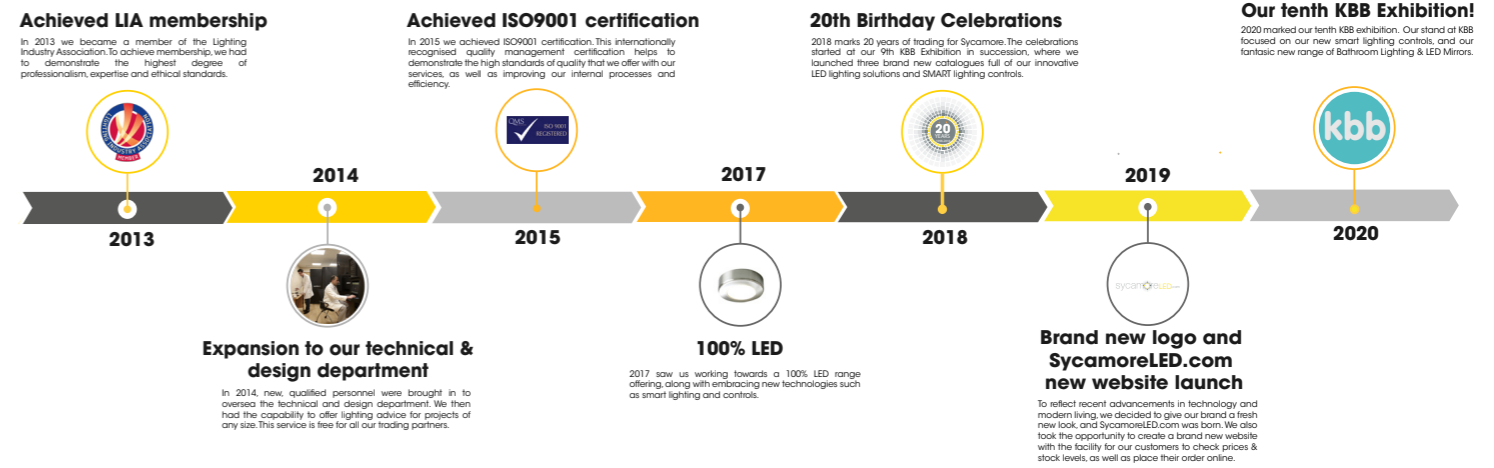
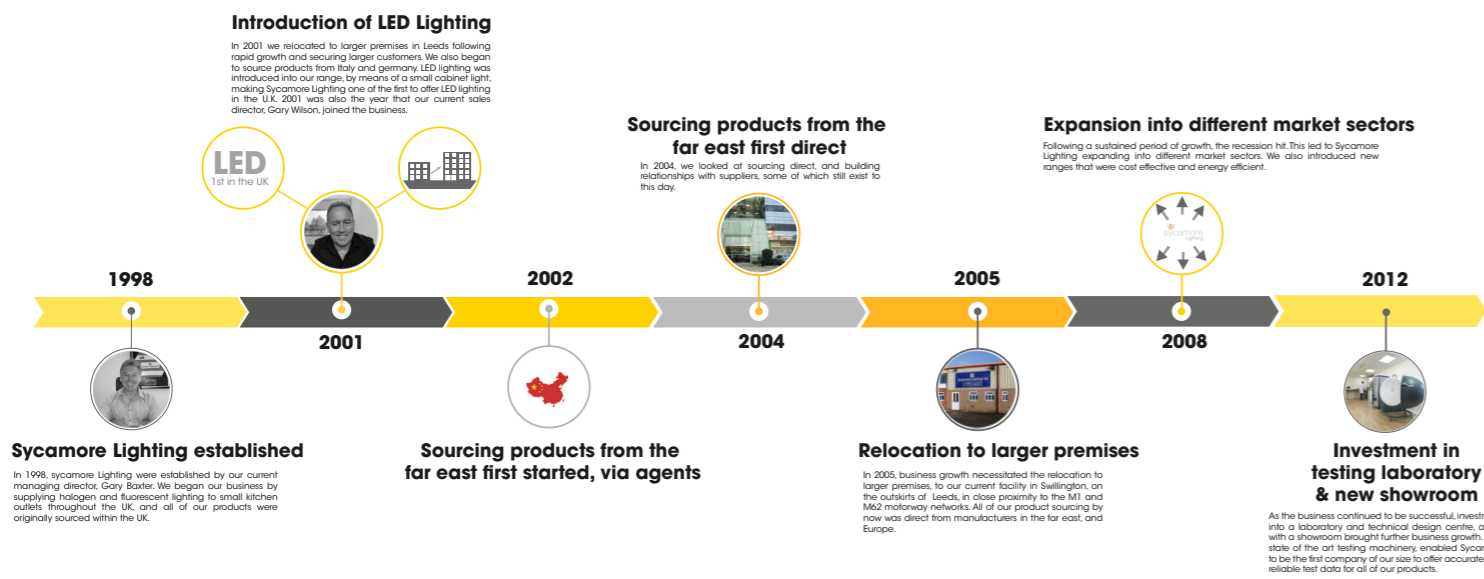
First digit - Solids						
0	1	2	3	4	5	6
No protection	Protected against touch by hand (50mm)	Protected against touch by fingers (12mm)	Protected against tools and wires (2.5mm)	Protected against tools and small wires (1mm)	Limited dust ingress protection	Total dust ingress protection

Second digit - Liquids								
0	1	2	3	4	5	6	7	8
No protection	Protection against condensation	Protection against water spray 15 degree from the vertical	Protection against water spray 60 degree from the vertical	Protection against water spray from any direction	Protection against low pressure water jets from any direction	Protection against high pressure water jets from any direction	Protection against immersion between 15cm and 1m depth	Protection against long term immersion under pressure

Terms & Conditions

- DEFINITIONS:** a) The "seller" means Sycamore Lighting Ltd. b) The "buyer" means the person who buys or agrees to buy the goods from the seller. c) The "goods" means all items which the buyer agrees to buy from the seller.
- GENERAL:** Orders are only accepted subject to the Conditions of Sale set out below and the seller shall not be bound by any other terms, written, verbal or implied, or which are conditions customary in the trade and whether contained in customer's order or not. These conditions shall apply unless expressly varied by the seller in writing.
- TERMS:** Credit accounts are nett strictly within 30 days. Interest at a rate of 3% per annum above NatWest base rate, together with any expenses incurred in collecting payments, will be added to the agreed price in respect of any part thereof not paid, on or before the due date. Where a new account is to be opened two trade references are required. The seller has the right to discontinue delivery without notice if the buyer defaults in payment, or if circumstances warrant such discontinuance. The seller also has the right to refuse credit terms to a buyer for any reason. Pro-forma orders will only be delivered when the seller has received payment in full, including confirmed clearance of any cheque.
- PRICES:** Whilst every endeavour will be made to deliver at the prices quoted, the seller reserves the right to invoice at the price ruling at the date of delivery. All prices are subject to VAT at the rate prevailing at the date of invoice.
- RISK AND DELIVERY:** a) Goods are delivered to the buyer when the seller makes them available to the buyer (or any agent of the buyer) at the seller's premises or other delivery point agreed by the seller and risk in the goods passes when they are delivered to the buyer. b) The seller shall not be liable for any penalty, loss, injury, damage or failure in delivery from any cause at all nor shall any such delay or failure entitle for any buyer to refuse to accept any delivery or to repudiate the contract. c) Any dates quoted by the seller for delivery of the goods are approximate only and shall not form part of the contract and the buyer acknowledges that in the performance expected of the seller no regard has been paid to any quoted delivery dates.
- CARRIAGE AND ADMINISTRATION CHARGES:** An administration charge of £5.00 will be added to all orders under £30.00. A carriage charge of £8.50 will be added to all invoices on orders of under £150.00 excluding VAT to UK mainland addresses. All offshore islands and EC countries will incur a separate delivery charge, based on the weight of the total order. Please note administration and delivery charges are subject to change without prior notice.
- CLAIMS:** Claims must be notified in writing within seven days of receipt, otherwise responsibility cannot be accepted. The seller's liability shall be limited to, at the seller's option, replacing the goods or refunding the price of the goods. Under no circumstances shall the liability of the seller exceed the price of the goods. Replacements for damaged goods will be charged and credit issued on the return of the damaged goods to the seller in the original packaging.
- RETENTION OF TITLE:** a) In spite of delivery having been made, property in the goods shall not pass from the seller until payment in full of the price by the buyer. B) Notwithstanding delivery, property in the goods shall not pass from the seller until all other sums owed by the buyer to the seller have been paid in full. c) Until payment in full for the goods, the buyer shall hold the goods on a fiduciary basis as a bailee for the seller. d) Whilst the buyer has the right to dispose of the goods in the ordinary course of business on a bona fide sale without notice to the customer of the seller's rights hereunder, the entire proceeds of sale or otherwise of the goods shall be held in trust for the seller until payment in full for the goods. e) Until payment in full for the goods the buyer hereby grants the seller the right to enter any premises where the goods are stored in order to re-possess or inspect them.
- BREACH AND INSOLVENCY:** If the buyer breaches any condition of this contract or becomes subject to an Administration Order or becomes bankrupt or has a receiver appointed for or distress is levied on any part of its assets or business or goes into liquidation or makes any composition with its creditors, the seller shall be entitled (whether in respect of this contract or any other) to: a) Withhold any further deliveries to the buyer and/or cancel the contract without liability; b) Appropriate any payment made by the buyer to such of the goods (whether supplied under this contract or any other) as the seller shall think fit; c) Immediate payment of all sums whatever, owing by the buyer to the seller notwithstanding any previous agreement to the contrary; d) Exercise any of its right pursuant to clause 8 above.
- PRODUCT INFORMATION:** Although the seller shall use its best endeavours to ensure that the information contained in the seller's catalogue is correct at the time of going to press, the seller shall not be under any liability for any damage, loss or expense resulting from any error or omission contained in the seller's catalogue. Goods supplied may vary in detail from the illustrations, drawings and descriptions (which are approximate and for guidance only) in the seller's catalogue as a result of improvements or modifications. Colour finishes will be maintained as accurately as possible, but matching cannot be guaranteed.
- FORCE MAJEURE:** The seller shall not be liable for any default due to any act of God, war, strikes, lock-outs or other industrial action, difficulties in obtaining labour or parts, government or other restrictions or regulations or other event beyond the reasonable control of the seller.
- LAW AND JURISDICTION:** All disputes arising out of or in connection with the contract shall be governed by English law and the buyer accepts the jurisdiction of the Courts Of England.
- RETURN AND RESTOCKING:** When goods are agreed for a return or cancellation the buyer shall pay a handling or restocking charge to cover administration and inspection charges involved in reprocessing products back into stock. The charge will be subject to change without prior notice but is currently 25% of the invoiced value of the goods. Non standard and special items ordered by the buyer cannot be accepted for return.
- GUARANTEES:** Terms and conditions apply to the guarantees, and lamp life of our products. Please refer to our website for further details.
- CUT OUT SIZES AND DIMENSIONS:** These are correct at time of printing. We do not recommend any holes are cut until goods are received and checked.

The company reserves the right to alter technical details without prior notification.



Notes

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