



Lighting Selection Guide

Select from our expanding range
of lighting solutions

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1 LUMINAIRES**PAGE 3**

A complete light fitting, whether for a home, office, warehouse, factory or any other work environment, luminaires are a popular choice.

2 LED LAMPS**PAGE 11**

The key benefit of LED lamps is that they use 80% less energy to create the same light output as traditional halogen or incandescent technologies.

LED lamps also last significantly longer than typical halogen lamps, resulting in lower maintenance costs.

3 FLUORESCENT TUBES**PAGE 20**

Fluorescent tubes present a cost-effective way to light large spaces. They offer a long working life and efficient colour rendering and benefit from minimal environmental impact.

Fluorescent tubes will light up a working environment better than traditional incandescent light bulbs.

4 HIGH INTENSITY DISCHARGE LAMPS**PAGE 22**

HID lamps are used primarily in applications where it is important to create as much visible light per watt as possible. Typical applications include streetlights, factories, warehouses, large retail facilities, stadiums and plant growing rooms.

High Intensity Discharge (HID) lamps are known for their high efficiency and long rated life. They require a ballast in order to generate the initial surge of electricity needed to start and to regulate power during operation.

5 BALLASTS & STARTERS**PAGE 23**

A lighting ballast provides a lamp with the correct voltage needed for start-up and running of HID and fluorescents.

Ballasts can be magnetic or electronic and they are available in several start technologies to suit different purposes.

6 TORCHES**PAGE 24**

Torches range from pocket and penlights to head torches and flashlights, with various levels of approvals for use in different environments.

7 SITE LIGHTING**PAGE 32**

Site lights are ideally suited to working outdoors after dark or indoors when greater visibility is needed. Most are tough, durable units that stand up to rough treatment and regular use. Styles offered include plasterers-style lights and general work lights.

A luminaire, or light fitting, is a complete lighting unit. Typically it consists of a lamp or LED together with parts designed to distribute the light, position and protect the lamps, and the ballast. It also includes components to connect the luminaire to the power supply.

Luminaires are either recessed or surface-mounted, depending on the application and mounting surface. Luminaires are becoming increasingly popular choice to replace old lamps and batters as they are low-cost and relatively efficacious for replacing high-intensity discharge lamps (mostly metal halide), with T5 and T8 fluorescents.

Choosing a luminaire for your environment

Luminaire types for specific work areas

| | Shop | Office | Hospitality | Industrial | Transportation / Outdoor | Healthcare |
|-----------------------|------|--------|-------------|------------|--------------------------|------------|
| High-bay | | | | x | x | |
| Floodlight | | | | x | x | |
| LED Panel | x | x | x | x | | x |
| LED Damp Proof Batten | | | | x | x | |
| LED Linear Batten | x | | | | x | x |
| LED Downlight | x | x | x | | x | x |

LED HIGH BAY

Factors to Consider

Ceiling/Suspension height – A luminaire will over- or under-illuminate an area if the height is not correct.

Lux level – This needs to be taken into account for each type of work area.

Open area or Racking – If you have racking to illuminate, consider the spread of light to ensure the whole height of the racking is illuminated.

Colour temperature – Colour temperature is the colour the light from the lamp looks. Warm white at around 2500K gives out a more yellow light than cool (blue) white at 6500K. Cool white, also referred to as “daylight”, can simulate natural day light and is said to increase productivity when used in a work environment.

Compatible with existing controls – Consider costs involved in switching out your current controls or sensors. Many, but not all, high-bay luminaires available are retro-fit and will work with existing controls or sensors.



LED FLOODLIGHTS

Factors to Consider

Mounting height and position – Consider how much of the area needs to be lit. The general rule for positioning an LED floodlight is that it should be angled downwards at 22 degrees.

Lux level – As with all LED lights, floodlight brightness is most accurately measured in lumens. Typically a 10-watt LED floodlight will give out 900 lumens and be of a similar brightness to a 60 watt halogen.

Indoor or Outdoor – It is important to check the IP rating as not all floodlights are waterproof. IP65 rated LED floodlights are best for any outdoor application.

Sensor options – Some LED floodlights are supplied with additional PIR sensors and controls that can detect motion, be set to remain on for a certain amount of time after detecting motion or be tuned to come on at dusk.

A PIR sensor switches only when it senses movement within a given range. It is particularly useful in security lighting. The duration of light can often be set by the user.

A dusk to dawn sensor is less economical than a PIR sensor. This automatically keeps the light switched on for the duration of the night. Typically it is used to create the illusion of a property being occupied or to enhance surveillance in residential or commercial environments.

Floodlight application areas and wattages

| Application | LED Wattage (W) | Halogen equivalent (W) |
|------------------------------------|-----------------|------------------------|
| Small patio (9m ²) | 10 | 70 |
| Small garden (50m ²) | 15-20 | 120 |
| Medium garden (200m ²) | 25-30 | 250 |
| Car park | 50-100 | 400 - 500 |



LED PANELS

Factors to Consider

Ceiling type – If the ceiling is solid, LED panels will need to be surface mounted, using a surface mount frame kit. For suspended ceilings a suspension kit can be used.

Luminaire size – Typically sizes of 600 × 600mm or 1200 × 600mm are available.

UGR: Unified Glare Rating – For applications where visual display equipment is used, panels with UGR of <19 are usually recommended.

Product Fire Rating – Consider the TP(A) or TP(B) rating for LED panels being fitted.

Colour temperature – Colour temperature is the colour the light from the lamp looks. Warm white at around 2500K gives out a more yellow light than cool (blue) white at 6500K. Cool white, also referred to as “daylight”, can simulate natural day light and is said to increase productivity when used in a work environment.

Dimming – Unlike traditional lighting, dimming with LED is more complex but with the right guidance you will achieve the dimming functions you need. It is important, however, to seek expert advice.

Control gear – Depending on your new panels you may need to fit new control gear. Generally, any retrofit panel should work with the existing control gear. However, please refer to the product installation instructions.



LED BATTENS

Factors to Consider

Location – Batten design varies according to the environment in which they are to be installed. Consider this carefully and use the correct fitting.

Indoor or Outdoor – It is important to check the IP rating as not all battens are waterproof. IP65 is best for any outdoor application.

Building Regulations – Does the fitting meet local building regulations?

Run length – How many battens are to be connected/installed together? Be aware of any limitations.

Additional functionality – Do battens being fitted need to be dimmable? Must they be sensor controlled or for use as emergency lighting?



LED DOWNLIGHTS

Factors to Consider

Lumen Output – Brightness level is the first factor to consider when choosing LED downlights. For brighter downlights opt for a higher lumen rating.

If you are planning to upgrade existing halogen or CFL downlights to LED downlights, refer to the chart below to find a suitable replacement.

| Incandescent / Halogen (W) | Mercury Vapour (W) | Metal Halide (W) | High Pressure Sodium (W) | Compact Fluorescent (CFL) (W) | Light Emitting Diodes (LED) (W) |
|----------------------------|--------------------|------------------|--------------------------|-------------------------------|---------------------------------|
| 40 - 60 | 15 - 25 | 5 - 15 | 5 - 15 | 12 - 15 | 5 - 8 |
| 60 - 75 | 25 - 35 | 15 - 25 | 15 - 25 | 15 - 18 | 7 - 10 |
| 75 - 100 | 35 - 45 | 20 - 35 | 20 - 35 | 18 - 23 | 10 - 15 |
| 100 - 150 | 50 - 60 | 25 - 40 | 25 - 40 | 23 - 35 | 15 - 20 |
| 150 - 200 | 70 - 85 | 35 - 45 | 35 - 45 | 30 - 45 | 20 - 25 |
| 200 - 250 | 90 - 110 | 40 - 55 | 40 - 55 | 45 - 60 | 25 - 30 |

Colour temperature – Colour temperature is the colour the light from the lamp looks. Warm white at around 2500K gives out a more yellow light than cool (blue) white at 6500K. Cool white, also referred to as “daylight”, can simulate natural day light and is said to increase productivity when used in a work environment.

Dimming – Downlights can either be dimmable or non-dimmable. Add dimmer switches to dimmable downlights to control the light output level.

Surface socket outlets – Consider fitting surface sockets for your downlights. Many LED downlights now come equipped with flex and plug, and surface socket outlets will allow these downlights to be plugged-in as with any standard appliance. In the event of failure, replacement becomes quicker and easier than if a downlight is hard-wired to a ceiling point.



IP Rating – Be sure to fit downlights with a suitable IP rating for the environment. Downlights with a minimum of IP44 rating is required for areas which may be exposed to water or dust.

Beam angle – This refers to the spread of light from the light source. Downlights with a wide beam angle create a wider, softer light general ambient lighting. Downlights with a narrow beam angle produce a sharp, concentrated light which is ideal for spotlighting.

- Wide beam angle = 60 degrees or more
- Narrow beam angle = Less than 60 degrees



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| Brand | Image | Wattage (W) | Voltage Rating (V) | Beam Angle | Lumens | Colour Temp (K) | IP Rating | Lamp Life | CRI | Guarantee | Energy Rating | RS Stock No. |
|-------|-------|-------------|--------------------|------------|--------|-----------------|-----------|-----------|-----|-----------|---------------|--------------|
| | 1 | 100 | 220-240 | 90° | 100 | 4000 | IP65 | 50000h | >70 | 3 Years | A+ | 176-8565 |
| | 1 | 150 | 220-240 | 90° | 100 | 4000 | IP65 | 50000h | >70 | 3 Years | A+ | 176-8521 |
| | 1 | 200 | 220-240 | 90° | 100 | 4000 | IP65 | 50000h | >70 | 3 Years | A+ | 176-8523 |
| | 2 | 95 | 220-240 | 90° | 135 | 4000 | IP65 | 50000h | >80 | 5 Years | A++ | 175-6302 |
| | 2 | 165 | 220-240 | 75° | 135 | 4000 | IP65 | 50000h | >80 | 5 Years | A++ | 175-6303 |
| | 2 | 200 | 220-240 | 110° | 135 | 4000 | IP65 | 50000h | >80 | 5 Years | A++ | 173-6005 |
| | 3 | 100 | 220-240 | 60° | 130 | 4000 | IP65 | 50000h | >80 | 7 Years | A++ | 176-6557 |
| | 3 | 150 | 220-240 | 60° | 125 | 4000 | IP65 | 50000h | >80 | 7 Years | A++ | 176-6558 |
| | 3 | 200 | 220-240 | 60° | 130 | 4000 | IP65 | 50000h | >80 | 7 Years | A++ | 176-6560 |



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| Brand | Image | Wattage (W) | Voltage Rating (V) | Beam Angle | Lumens | Colour Temp (K) | IP Rating | Lamp Life | IK Rating | Length (ft) | Guarantee | Material | Safety Class | Emergency | Energy Rating | RS Stock No. |
|-------|-------|-------------|--------------------|------------|--------|-----------------|-----------|-----------|-----------|-------------|-----------|---------------------------------|--------------|-----------|---------------|--------------|
| | 1 | 20 | 110-240 | 120° | 100 | 5700 | IP65 | 30,000h | IK08 | 2 | 3 years | Polycarbonate / Aluminium | Class 2 | ✗ | A → A++ | 176-8562 |
| | 1 | 20 | 110-240 | 120° | 100 | 5700 | IP65 | 30,000h | IK08 | 2 | 3 years | Polycarbonate / Aluminium | Class 2 | ✓ | A → A++ | 176-8558 |
| | 1 | 40 | 110-240 | 120° | 100 | 5700 | IP65 | 30,000h | IK08 | 4 | 3 years | Polycarbonate / Aluminium | Class 2 | ✗ | A → A++ | 176-8556 |
| | 1 | 40 | 110-240 | 120° | 100 | 5700 | IP65 | 30,000h | IK08 | 4 | 3 years | Polycarbonate / Aluminium | Class 2 | ✓ | A → A++ | 176-8554 |
| | 1 | 40 | 110-240 | 120° | 100 | 5700 | IP65 | 30,000h | IK08 | 5 | 3 years | Polycarbonate / Aluminium | Class 2 | ✗ | A → A++ | 176-8551 |
| | 1 | 40 | 110-240 | 120° | 100 | 5700 | IP65 | 30,000h | IK08 | 5 | 3 years | Polycarbonate / Aluminium | Class 2 | ✓ | A → A++ | 176-8568 |
| | 2 | 21 | 220-240 | 105° | 115 | 4000 | IP65 | 50,000h | IK08 | 4 | 5 years | Polycarbonate & Stainless Steel | Class 1 | ✗ | A++ | 122-3575 |
| | 2 | 39 | 220-240 | 105° | 115 | 4000 | IP65 | 50,000h | IK08 | 4 | 5 years | Polycarbonate & Stainless Steel | Class 1 | ✗ | A++ | 122-3576 |
| | 2 | 39 | 220-240 | 105° | 115 | 6500 | IP65 | 50,000h | IK08 | 4 | 5 years | Polycarbonate & Stainless Steel | Class 1 | ✗ | A++ | 122-3577 |
| | 2 | 30 | 220-240 | 105° | 115 | 4000 | IP65 | 50,000h | IK08 | 5 | 5 years | Polycarbonate & Stainless Steel | Class 1 | ✗ | A++ | 122-3578 |
| | 2 | 55 | 220-240 | 105° | 115 | 4000 | IP65 | 50,000h | IK08 | 5 | 5 years | Polycarbonate & Stainless Steel | Class 1 | ✗ | A++ | 122-3580 |

| Brand | Image | Wattage (W) | Beam Angle | Voltage Rating (V) | PIR Sensor | Lumens | Colour Temp (K) | IP Rating | Lamp Life | IK Rating | Colour | Material | Energy Rating | RS Stock No. |
|----------------|-------|-------------|------------|--------------------|------------|--------|-----------------|-----------|-----------|-----------|--------------------------------|--------------------------------|---------------|--------------|
| RS | 1 | 10 | 110° | 240 | X | 90 | 4000 | IP65 | 30000h | IK07 | Black | Aluminium & Toughed Glass | A - A++ | 176-8517 |
| | 2 | 10 | 110° | 240 | ✓ | 90 | 4000 | IP65 | 30000h | IK07 | Black | Aluminium & Toughed Glass | A - A++ | 176-8526 |
| | 3 | 10 | 110° | 240 | X | 90 | 4000 | IP65 | 30000h | IK07 | White | Aluminium & Toughed Glass | A - A++ | 176-8529 |
| | 3 | 20 | 110° | 240 | X | 90 | 4000 | IP65 | 30000h | IK07 | Black | Aluminium & Toughed Glass | A - A++ | 176-8533 |
| | 3 | 20 | 110° | 240 | ✓ | 90 | 4000 | IP65 | 30000h | IK07 | Black | Aluminium & Toughed Glass | A - A++ | 176-8537 |
| | 1 | 20 | 110° | 240 | X | 90 | 4000 | IP65 | 30000h | IK07 | White | Aluminium & Toughed Glass | A - A++ | 176-8548 |
| | 4 | 30 | 110° | 240 | X | 90 | 4000 | IP65 | 30000h | IK07 | Black | Aluminium & Toughed Glass | A - A++ | 145-5876 |
| | 5 | 30 | 110° | 240 | X | 90 | 4000 | IP65 | 30000h | IK07 | White | Aluminium & Toughed Glass | A - A++ | 145-5886 |
| | 6 | 30 | 110° | 240 | ✓ | 90 | 4000 | IP65 | 30000h | IK07 | White | Aluminium & Toughed Glass | A - A++ | 145-5878 |
| | 7 | 30 | 120° | 85-265 | X | 90 | 6000 | IP65 | 50,000h | IK08 | Black | Aluminium & Toughed Glass | A - A++ | 145-5895 |
| | 8 | 30 | 120° | 85-265 | ✓ | 90 | 6000 | IP65 | 50,000h | IK08 | Black | Aluminium & Toughed Glass | A - A++ | 145-5897 |
| | 4 | 50 | 110° | 240 | X | 90 | 4000 | IP65 | 30000h | IK07 | Black | Aluminium & Toughed Glass | A - A++ | 145-5879 |
| | 5 | 50 | 110° | 240 | X | 90 | 4000 | IP65 | 30000h | IK07 | White | Aluminium & Toughed Glass | A - A++ | 145-5887 |
| | 6 | 50 | 110° | 240 | ✓ | 90 | 4000 | IP65 | 30000h | IK07 | White | Aluminium & Toughed Glass | A - A++ | 145-5880 |
| 7 | 50 | 120° | 85-265 | X | 90 | 6000 | IP65 | 50,000Hrs | IK08 | Black | Aluminium & Toughed Glass | A - A++ | 145-5896 | |
| 8 | 50 | 120° | 85-265 | ✓ | 90 | 6000 | IP65 | 50,000Hrs | IK08 | Black | Aluminium & Toughed Glass | A - A++ | 145-5898 | |
| 4 | 70 | 115° | 220-240 | ✓ | 90 | 4000 | IP65 | 30000h | IK08 | Black | Aluminium & Toughed Glass | A - A++ | 145-5881 | |
| 6 | 70 | 115° | 220-240 | X | 90 | 4000 | IP65 | 30000h | IK08 | Black | Aluminium & Toughed Glass | A - A++ | 145-5882 | |
| 5 | 100 | 115° | 220-240 | X | 90 | 4000 | IP65 | 30000h | IK08 | Black | Aluminium & Toughed Glass | A - A++ | 145-5888 | |
| 4 | 100 | 115° | 220-240 | ✓ | 90 | 4000 | IP65 | 30000h | IK08 | Black | Aluminium & Toughed Glass | A - A++ | 145-5884 | |
| 6 | 150 | 115° | 220-240 | X | 90 | 4000 | IP65 | 30000h | IK08 | Black | Aluminium & Toughed Glass | A - A++ | 145-5885 | |
| 5 | 300 | 115° | 220-240 | X | 90 | 4000 | IP65 | 30000h | IK08 | Black | Aluminium & Toughed Glass | A - A++ | 145-5889 | |
| LEDVANCE OSRAM | 9 | 10 | 100° | 220-240 | X | 105 | 3000 | IP65 | 50000h | IK07 | Black | Polycarbonate & Tempered Glass | A++ | 175-6332 |
| | 9 | 10 | 100° | 220-240 | X | 105 | 3000 | IP65 | 50000h | IK07 | White | Polycarbonate & Tempered Glass | A++ | 175-6333 |
| | 9 | 10 | 100° | 220-240 | X | 110 | 4000 | IP65 | 50000h | IK07 | Black | Polycarbonate & Tempered Glass | A++ | 175-6324 |
| | 9 | 10 | 100° | 220-240 | X | 110 | 4000 | IP65 | 50000h | IK07 | White | Polycarbonate & Tempered Glass | A++ | 175-6322 |
| | 9 | 20 | 100° | 220-240 | ✓ | 95 | 3000 | IP65 | 50000h | IK07 | Black | Polycarbonate & Tempered Glass | A++ | 175-6320 |
| | 10 | 20 | 100° | 220-240 | ✓ | 95 | 4000 | IP65 | 50000h | IK07 | Black | Polycarbonate & Tempered Glass | A++ | 175-6304 |
| | 11 | 20 | 100° | 220-240 | X | 105 | 3000 | IP65 | 50000h | IK07 | Black | Polycarbonate & Tempered Glass | A++ | 175-6305 |
| | 10 | 20 | 100° | 220-240 | X | 105 | 3000 | IP65 | 50000h | IK07 | White | Polycarbonate & Tempered Glass | A++ | 175-6306 |
| | 11 | 20 | 100° | 220-240 | X | 110 | 4000 | IP65 | 50000h | IK07 | Black | Polycarbonate & Tempered Glass | A++ | 175-6307 |
| | 12 | 20 | 100° | 220-240 | X | 110 | 4000 | IP65 | 50000h | IK07 | White | Polycarbonate & Tempered Glass | A++ | 175-6308 |
| | 13 | 50 | 100° | 220-240 | ✓ | 95 | 3000 | IP65 | 50000h | IK07 | Black | Polycarbonate & Tempered Glass | A++ | 175-6328 |
| | 14 | 50 | 100° | 220-240 | ✓ | 95 | 4000 | IP65 | 50000h | IK07 | Black | Polycarbonate & Tempered Glass | A++ | 175-6309 |
| | 12 | 50 | 100° | 220-240 | X | 105 | 3000 | IP65 | 50000h | IK07 | Black | Polycarbonate & Tempered Glass | A++ | 175-6310 |
| | 13 | 50 | 100° | 220-240 | X | 105 | 3000 | IP65 | 50000h | IK07 | White | Polycarbonate & Tempered Glass | A++ | 175-6329 |
| 14 | 50 | 100° | 220-240 | X | 110 | 4000 | IP65 | 50000h | IK07 | Black | Polycarbonate & Tempered Glass | A++ | 175-6311 | |
| 12 | 50 | 100° | 220-240 | X | 110 | 4000 | IP65 | 50000h | IK07 | White | Polycarbonate & Tempered Glass | A++ | 175-6314 | |
| 13 | 90 | 100° | 220-240 | X | 110 | 4000 | IP65 | 50000h | IK08 | Black | Aluminium & Tempered Glass | A++ | 175-6330 | |
| 14 | 135 | 100° | 220-240 | X | 110 | 4000 | IP65 | 50000h | IK08 | Black | Aluminium & Tempered Glass | A++ | 175-6315 | |
| 12 | 150 | 80° | 220-240 | X | 100 | 4000 | IP65 | 50000h | IK08 | Black | Aluminium & Toughed Glass | A++ | 175-6316 | |
| 13 | 180 | 100° | 220-240 | X | 110 | 4000 | IP65 | 50000h | IK08 | Black | Aluminium & Tempered Glass | A++ | 175-6331 | |
| 14 | 200 | 80° | 220-240 | X | 100 | 4000 | IP65 | 50000h | IK08 | Black | Aluminium & Toughed Glass | A++ | 175-6317 | |





| Brand | Image | Wattage (W) | Beam Angle | Voltage Rating (V) | Lumens | Colour Temp (K) | IP Rating | Lamp Life | IK Rating | Dimensions (mm) | Height (mm) | Emergency | UGR19 Approved | Mounting Type | Energy Rating | RS Stock No. |
|----------------|--------------------------------------------------------------------|-------------|------------|--------------------|--------|-----------------|-----------|-----------|-----------|-----------------|-------------|-----------|----------------|------------------|---------------|--------------|
| RS PRO | 1 | 36 | 120° | 220-240 | 85 | 4000 | IP40 | 30,000h | N/A | 595 x 595 | 10.5 | X | X | Ceiling Recessed | A+ | 179-7627 |
| | 1 | 36 | 120° | 220-240 | 97 | 6000 | IP40 | 30,000h | N/A | 595 x 595 | 10.5 | X | X | Ceiling Recessed | A+ | 179-7628 |
| | Emergency Accessory Pack for RS PRO LED Panels 179-7627 & 179-7628 | | | | | | | | | | | | | | | 179-8510 |
| LEDVANCE OSRAM | 2 | 30 | 120° | 220-240 | 100 | 3000 | IP20 | 50,000h | IK06 | 595 x 595 | 10.5 | X | X | Ceiling Recessed | A+ | 122-3540 |
| | 2 | 30 | 120° | 220-240 | 100 | 4000 | IP20 | 50,000h | IK06 | 595 x 595 | 10.5 | X | X | Ceiling Recessed | A+ | 122-3542 |
| | 2 | 30 | 120° | 220-240 | 100 | 6500 | IP20 | 50,000h | IK06 | 595 x 595 | 10.5 | X | X | Ceiling Recessed | A+ | 122-3543 |
| | 2 | 33 | 90° | 220-240 | 110 | 4000 | IP20 | 50,000h | IK06 | 595 x 595 | 10.5 | X | ✓ | Ceiling Recessed | A++ | 122-3548 |
| | 3 | 33 | 90° | 220-240 | 100 | 4000 | IP20 | 50,000h | IK06 | 1195 x 295 | 10.5 | X | X | Ceiling Recessed | A+ | 133-0928 |
| | 2 | 40 | 120° | 220-240 | 100 | 3000 | IP20 | 50,000h | IK06 | 595 x 595 | 10.5 | X | X | Ceiling Recessed | A+ | 122-3544 |
| | 2 | 40 | 120° | 220-240 | 100 | 4000 | IP20 | 50,000h | IK06 | 595 x 595 | 10.5 | X | X | Ceiling Recessed | A+ | 122-3545 |
| | 2 | 40 | 120° | 220-240 | 100 | 6500 | IP20 | 50,000h | IK06 | 595 x 595 | 10.5 | X | X | Ceiling Recessed | A+ | 122-3546 |
| | 3 | 40 | 120° | 220-240 | 100 | 3000 | IP20 | 50,000h | IK06 | 1195 x 295 | 10.5 | X | X | Ceiling Recessed | A+ | 133-0930 |
| | 3 | 40 | 120° | 220-240 | 100 | 4000 | IP20 | 50,000h | IK06 | 1195 x 295 | 10.5 | X | X | Ceiling Recessed | A+ | 133-0929 |
| | 2 | 40 | 120° | 220-240 | 85 | 3000 | IP20 | 50,000h | IK03 | 595 x 595 | 9 | X | X | Ceiling Recessed | A++ | 179-8523 |
| | 2 | 40 | 120° | 220-240 | 85 | 4000 | IP20 | 50,000h | IK03 | 595 x 595 | 9 | X | X | Ceiling Recessed | A++ | 179-8524 |
| | 2 | 40 | 120° | 220-240 | 85 | 6500 | IP20 | 50,000h | IK03 | 595 x 595 | 9 | X | X | Ceiling Recessed | A++ | 179-8525 |
| | 2 | 40 | 90° | 220-240 | 85 | 3000 | IP20 | 50,000h | IK03 | 595 x 595 | 9 | X | ✓ | Ceiling Recessed | A++ | 179-8526 |
| | 2 | 40 | 90° | 220-240 | 85 | 4000 | IP20 | 50,000h | IK03 | 595 x 595 | 9 | X | ✓ | Ceiling Recessed | A++ | 179-8527 |
| SYLVANIA | 4 | 33 | 110° | 220-240 | 120 | 3000 | IP20 | 50,000h | IK03 | 595 x 595 | 10.5 | X | X | Ceiling Recessed | A+ | 176-6536 |
| | 4 | 33 | 110° | 220-240 | 120 | 4000 | IP20 | 50,000h | IK03 | 595 x 595 | 10.5 | X | X | Ceiling Recessed | A+ | 176-6538 |
| | 4 | 36 | 90° | 220-240 | 103 | 4000 | IP20 | 50,000h | IK03 | 595 x 595 | 10.5 | X | ✓ | Ceiling Recessed | A+ | 176-6539 |
| | 4 | 36 | 90° | 220-240 | 100 | 3000 | IP20 | 50,000h | IK03 | 595 x 595 | 10.5 | X | ✓ | Ceiling Recessed | A+ | 176-6540 |



| Brand | Image | Type | Length (mm) | Wattage (W) | Voltage Rating (V) | Lumens | Colour Temp (K) | IP Rating | Lifetime | IK Rating | Beam Angle (m) | Material | Energy Rating | RS Stock No. |
|-------|-------|---------------|-------------|-------------|--------------------|--------|-----------------|-----------|----------|-----------|----------------|---------------|---------------|--------------|
| | | Single Batten | 1200 | 16 | 220-240 | 1140 | 4000 | IP20 | 25,000h | N/A | 170° | Polycarbonate | A++ | 176-8581 |
| | | Single Batten | 1500 | 20 | 220-240 | 1800 | 4000 | IP20 | 25,000h | N/A | 170° | Polycarbonate | A++ | 176-8576 |
| | | Single Batten | 1800 | 26 | 220-240 | 2340 | 4000 | IP20 | 25,000h | N/A | 170° | Polycarbonate | A++ | 176-8572 |
| | | Twin Batten | 1200 | 32 | 220-240 | 2624 | 4000 | IP20 | 25,000h | N/A | 170° | Polycarbonate | A++ | 176-8579 |
| | | Twin Batten | 1500 | 40 | 220-240 | 3360 | 4000 | IP20 | 25,000h | N/A | 170° | Polycarbonate | A++ | 176-8574 |
| | | Twin Batten | 1800 | 52 | 220-240 | 4680 | 4000 | IP20 | 25,000h | N/A | 170° | Polycarbonate | A++ | 176-8571 |
| | | Single Batten | 600 | 8 | 220-240 | 920 | 4000 | IP20 | 25,000h | IK02 | 175° | Polycarbonate | A++ | 174-4960 |
| | | Single Batten | 1200 | 16 | 220-240 | 1900 | 4000 | IP20 | 25,000h | IK02 | 175° | Polycarbonate | A++ | 174-4961 |
| | | Single Batten | 1500 | 18 | 220-240 | 2200 | 4000 | IP20 | 25,000h | IK02 | 175° | Polycarbonate | A++ | 174-4962 |
| | | Single Batten | 1800 | 24 | 220-240 | 2900 | 4000 | IP20 | 25,000h | IK02 | 175° | Polycarbonate | A++ | 174-4963 |
| | | Twin Batten | 600 | 16 | 220-240 | 1800 | 4000 | IP20 | 25,000h | IK02 | 175° | Polycarbonate | A++ | 174-4964 |
| | | Twin Batten | 1200 | 30 | 220-240 | 3300 | 4000 | IP20 | 25,000h | IK02 | 175° | Polycarbonate | A++ | 174-4965 |
| | | Twin Batten | 1500 | 36 | 220-240 | 4100 | 4000 | IP20 | 25,000h | IK02 | 175° | Polycarbonate | A++ | 174-4966 |
| | | Twin Batten | 1800 | 48 | 220-240 | 5600 | 4000 | IP20 | 25,000h | IK02 | 175° | Polycarbonate | A++ | 174-4967 |



| Brand | Image | Type | Wattage (W) | Beam Angle | Voltage Rating (V) | Lumens (lm/w) | Colour Temp (K) | IP Rating | Lamp Life | IK Rating | Dimensions (mm) | Mounting Type | Material | Fire Rated | Energy Rating | RS Stock No. |
|-------|----------------------|----------------------|-------------|------------|--------------------|---------------|-----------------|-----------|-----------|-----------|------------------|------------------|-------------------|------------|---------------|--------------|
| | 1 | LED Downlight | 8 | 40° | 230 | 68 | 3000 | IP65 | 25,000h | N/A | 80 x 90 | Ceiling Recessed | Aluminium & Steel | ✓ | A+ | 125-6901 |
| | 1 | LED Downlight | 8 | 40° | 230 | 73 | 4000 | IP65 | 25,000h | N/A | 80 x 90 | Ceiling Recessed | Aluminium & Steel | ✓ | A+ | 125-6898 |
| | 2 | LED Downlight | 8 | 40° | 230 | 68 | 3000 | IP65 | 25,000h | N/A | 88 x 90 | Ceiling Recessed | Aluminium & Steel | ✓ | A+ | 125-6900 |
| | 2 | LED Downlight | 8 | 40° | 230 | 73 | 4000 | IP65 | 25,000h | N/A | 88 x 90 | Ceiling Recessed | Aluminium & Steel | ✓ | A+ | 125-6899 |
| | 3 | LED Downlight | 6 | 38° | 180-240 AC | 90-100 | 3000 | IP65 | 30,000h | N/A | 90 x 52 | Ceiling Recessed | Polycarbonate | ✗ | A - A++ | 176-8518 |
| | 3 | LED Downlight | 6 | 38° | 180-240 AC | 90-100 | 4000 | IP65 | 30,000h | N/A | 90 x 52 | Ceiling Recessed | Polycarbonate | ✗ | A - A++ | 176-8547 |
| | 4 | LED Downlight | 6 | 120° | 220-240 | 70 | 3000 | IP20 | 30,000h | IK03 | 118x30 | Ceiling Recessed | Polycarbonate | ✗ | A+ | 179-8517 |
| | 4 | LED Downlight | 6 | 120° | 220-240 | 70 | 4000 | IP20 | 30,000h | IK03 | 118x30 | Ceiling Recessed | Polycarbonate | ✗ | A+ | 179-8518 |
| | 4 | LED Downlight | 12 | 120° | 220-240 | 85 | 3000 | IP20 | 30,000h | IK03 | 118x30 | Ceiling Recessed | Polycarbonate | ✗ | A+ | 179-8519 |
| | 4 | LED Downlight | 12 | 120° | 220-240 | 85 | 4000 | IP20 | 30,000h | IK03 | 118x30 | Ceiling Recessed | Polycarbonate | ✗ | A+ | 179-8520 |
| | 4 | LED Downlight | 18 | 120° | 220-240 | 85 | 4000 | IP20 | 30,000h | IK03 | 118x30 | Ceiling Recessed | Polycarbonate | ✗ | A+ | 179-8521 |
| | 4 | LED Downlight | 18 | 120° | 220-240 | 85 | 6500 | IP20 | 30,000h | IK03 | 118x30 | Ceiling Recessed | Polycarbonate | ✗ | A+ | 179-8522 |
| | 5 | Fire Rated Downlight | N/A | N/A | 220-240 | N/A | N/A | IP20 | N/A | N/A | 92 x 98 | Ceiling Recessed | Stainless Steel | ✓ | N/A | 176-6541 |
| | 6 | Fire Rated Downlight | N/A | N/A | 220-240 | N/A | N/A | IP20 | N/A | N/A | 92 x 98 | Ceiling Recessed | Stainless Steel | ✓ | N/A | 176-6542 |
| | 7 | Fire Rated Downlight | N/A | N/A | 220-240 | N/A | N/A | IP65 | N/A | N/A | 92 x 98 | Ceiling Recessed | Stainless Steel | ✓ | N/A | 176-6544 |
| | 8 | Fire Rated Downlight | N/A | N/A | 220-240 | N/A | N/A | IP20 | N/A | N/A | 92 x 98 | Ceiling Recessed | Stainless Steel | ✓ | N/A | 176-6545 |
| | 8 | Fire Rated Downlight | N/A | N/A | 220-240 | N/A | N/A | IP20 | N/A | N/A | 92 x 98 | Ceiling Recessed | Stainless Steel | ✓ | N/A | 176-6546 |
| | 8 | Fire Rated Downlight | N/A | N/A | 220-240 | N/A | N/A | IP65 | N/A | N/A | 92 x 98 | Ceiling Recessed | Stainless Steel | ✓ | N/A | 176-6547 |
| | 7 | Fire Rated Downlight | N/A | N/A | 220-240 | N/A | N/A | IP20 | N/A | N/A | 92 x 98 | Ceiling Recessed | Stainless Steel | ✓ | N/A | 176-6548 |
| | 6 | Fire Rated Downlight | N/A | N/A | 220-240 | N/A | N/A | IP20 | N/A | N/A | 92 x 98 | Ceiling Recessed | Stainless Steel | ✓ | N/A | 176-6549 |
| 7 | Fire Rated Downlight | N/A | N/A | 220-240 | N/A | N/A | IP65 | N/A | N/A | 92 x 98 | Ceiling Recessed | Stainless Steel | ✓ | N/A | 176-6550 | |

Choosing the correct **LED lighting and lamps** can help you save valuable time on ongoing maintenance and drastically reduce your energy costs.

This handy guide will help you to select the right lighting for the job, whatever industry you are working in.

Here are some key considerations for making the correct selection:

SELECTING THE SHAPE

Common shapes and styles available:



Classic

- A traditional bulb shape, suitable for older fittings



Candles

- Flame-shaped bulb, ideal for older style fixtures
- Modern LED candle lights offer convenience and value for money



Spotlights/ Reflectors

- Specially designed for bright, targeted lighting. Ideal for panel installation in retail, showroom or display areas
- Great energy savings compared to standard halogen reflector lamps



Capsules

- Two-pronged halogen bulbs typically used in smaller industrial light fixtures
- Ideal for smaller applications requiring high luminosity

DECORATIVE STYLES



Clear

- Ideal for chandeliers to create added sparkle



Filament Clear

- 300+ degree beam angle, ideal for glass luminaires for sparkle or for shades where a wide beam angle is needed

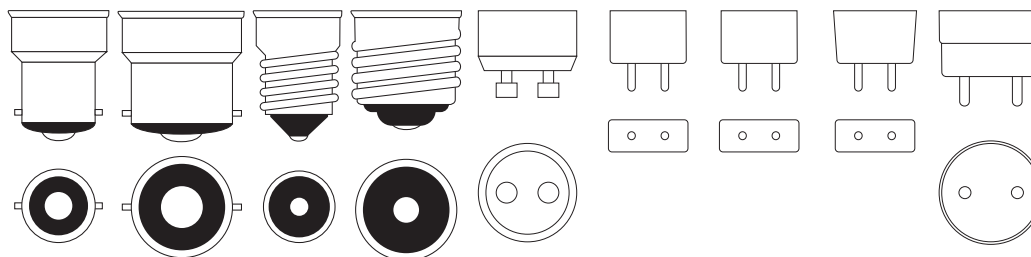


Frosted

- A soft warm diffused lamp where less glare is needed

SELECTING THE BASE

Please make sure to select the correct cap fitting when selecting your lamp. The diagrams below show some of the fitting types you will find in this guide:



B15

B22

E14

E27

GU10

MR11

MR16
(GU5.3)

GY6.35

T5/T8
Tube

COMMONLY USED TERMS/ATTRIBUTES

Wattage – A measure of the energy consumed by a fitting.

Lumens – A unit of measurement used to translate how much illumination a light source provides.

CRI (Colour Rendering Index) – A numeric evaluation of the accuracy (in relation to 'daylight' at 100) of various types of light source. CRI+90 lamps are ideal for lighting in galleries, museums, clothing stores etc, where accuracy of colour is critical.

Dimmable vs non dimmable – Remember that not all lamps are dimmable. However dimmable lamps now exist that perform like traditional lamps, where the colour temperature gets warm as the lamp dims.

Note: Some traditional dimmers do not work with LEDs, requiring the dimmer to be updated.

Beam angle – The point at which intensity of a source drops to 50% of maximum (centre reading) measured in degrees of the full angle.

Colour temperature – A way to describe the light appearance provided by a light source. It is measured in degrees of kelvin (k) on a scale from 1,000 to 10,000.

Choose by colour temperature to influence a room's atmosphere. Lamps are available in a wide range of shapes and styles.

2700k – Warm white – ideal for bedrooms, living rooms restaurants, where ambience is needed.

4000k – Cool white – ideal for offices, kitchens, bathrooms, common in exterior fittings.

+6000k – Daylight – ideal for offices.

Lux – A unit of light measurement taking area into account, essentially it relates to the light intensity.

(Key information provided by Osram®)

The innovation in lighting over recent years has given rise to many retrofit options for LEDs. Replacing lamps in existing fittings with LED equivalents is one of the easiest ways to make energy savings. Decisions often must be made in terms of lumen values, colour temperatures, lamp styles and other factors but knowing a few facts about how and what to retrofit will set you in good stead.

Benefits of retrofit

Advances in technology constantly drive down LED replacement costs and bring many other benefits. These include:

- **Low energy consumption** – Save up to 85% on energy costs with replacement LEDs. This fact alone can be enough to justify the change to LED, for both commercial and domestic users
- **High efficiency** – LED lamps produce far less heat than traditional incandescent types
- **Instant light** – Unlike CFL lamps, LEDs come on immediately when switched. There is no warm-up period
- **Light colour** – LED lamps can produce a light colour that is close to an incandescent lamp but whiter, colder colours are also available
- **Lamp life** – LEDs can now last 20 times that of incandescent lamps. This major benefit can lower ongoing maintenance and replacement costs tremendously

Typical energy savings

Energy savings made by using LED against other types of lamp

| | Halogen 50W | Incandescent 60W | CFL 11-15W |
|----------------|----------------|---------------------|---------------|
| LED Equivalent | 6.5W | 11.5W | 11.5W |
| Save | 87% | 81% | 12-23% |

Payback periods

When compared with halogen lamps, the payback period can be as little as 6 months.

| Watts / Lifetime | Yearly Running Cost | Cost over LED Lifetime |
|-------------------------|---------------------|------------------------|
| LED 6.5W / 25,000 hrs | £1.00 | £22.83 |
| Halogen 50W / 2,000 hrs | £7.67 | £175.11 |
| Savings per LED lamp | £6.67 per year | £152 lifetime |
| Saving for 8 LED lamps | £53.36 per year | £1,218 lifetime |



Lumens or watts?

| Incandescent Wattage | Approx Lumens |
|----------------------|-----------------------------------|
| 25W | 230 - 270 lamp |
| 35W | 250 - 280 spotlight |
| | 200-300 Useful Lumens (spotlight) |
| | 390 - 410 lamp |
| 40W | 440 - 460 lamp |
| 50W | 330 - 400 spotlight |
| | 350-450 Useful Lumens (spotlight) |
| 60W | 800 - 850 lamp |
| 75W | 1000-1100 lamp |
| 100W | 1500-1600 lamp |

How many lumens do I need?

| Area | Lumens/Sq M |
|-----------------|-------------|
| Kitchen | 300-400 |
| Kitchen (Task) | 700-800 |
| Living Room | 400-500 |
| Hallway | 300 |
| Bedroom | 300-400 |
| Bedroom (Task) | 700-800 |
| Bathroom | 500-600 |
| Bathroom (Task) | 700-800 |
| Reading Area | 400 |

Where to use LEDs

| LED Type | Use to Replace | Typical Applications | Suitable Fixtures | Points to Note |
|-------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MR11 / MR16 GU5.3 LED Reflectors | MR11 and MR16 GU5.3 Halogen Lamps | Ideal for constant levels of strong illumination in contained spaces: laboratories, hospitals, transport and general shop lighting | Troffers / Downlighting | A LED lamp replacement may yield different light output, distribution and heat properties than the lamp it is replacing. It may also differ in size from the original lamp, so it is recommended to test a lamp in a single fixture before investing in more |
| GU10 LED Reflectors | GU10 Halogen Lamps | As above | As above | As above |
| T8 LED Tubes | T8 Fluorescent Tubes | Wider levels of diffused light for larger spaces: office, warehouse, manufacturing facility | As above | Make sure the fixture into which a LED tube is being placed can accommodate any extra weight. Many LED linear replacement lamps require a certified electrician to bypass the fluorescent ballast |
| LED GLS Lamps (B22, E14, E17, E27) | Classic incandescent and halogen candles and bulbs (B22, E14, E17, E27) | More common in restaurants, retail environments and around the home | Traditional fixtures, including ceiling mount | Pay attention to the distribution of LED replacement lamps - this may not be the same as an incandescent lamp |



E14 LED Reflector

| Brand | Image | Wattage (W) | Equivalent Wattage(W) | Beam Angle | Lumens | Dimmable | Lamp Life | Energy Rating | 2700K | 3000K |
|---------|-------|-------------|-----------------------|------------|--------|----------|-----------|---------------|----------|----------|
| Oraltec | 1 | 3 | 30 | 120° | 220 | | | A++ | | 125-0701 |
| | 2 | 1.7 | 25 | 36° | 135 | ✗ | 15000h | A++ | 124-4342 | |
| PHILIPS | 2 | 2.9 | 40 | 36° | 230 | ✗ | 15000h | A++ | 124-4340 | |
| | 2 | 5 | 60 | 36° | 320 | ✓ | 15000h | A+ | 124-4341 | |

E27 LED Reflector

| Brand | Image | Wattage (W) | Equivalent Wattage(W) | Beam Angle | Lumens | Dimmable | Lamp Life | Energy Rating | 2700K |
|---------|-------|-------------|-----------------------|------------|--------|----------|-----------|---------------|----------|
| | 3 | 2.7 | 40 | 36° | 210 | ✗ | 15000h | A++ | 124-4343 |
| PHILIPS | 3 | 5.7 | 60 | 36° | 345 | ✓ | 15000h | A+ | 124-4344 |

G53 LED Reflector

| Brand | Image | Wattage (W) | Equivalent Wattage(W) | Beam Angle | Lumens | Dimmable | Lamp Life | Energy Rating | 2700K | 3000K |
|---------|-------|-------------|-----------------------|------------|--------|----------|-----------|---------------|----------|-------|
| | 4 | 11 | 50 | 8° | 560 | ✓ | 40000h | A | 124-4383 | |
| PHILIPS | 4 | 11 | 50 | 8° | 580 | ✓ | 40000h | A | 124-4384 | |

MR16 (GU5.3) LED Reflector, 50mm

| Brand | Image | Wattage (W) | Beam Angle | Equivalent Wattage (W) | Lumens | Dimmable | Lamp Life | Energy Rating | 2700K | 3000K | 4000K |
|----------|-------|-------------|------------|------------------------|-------------|----------|-----------|---------------|----------------|----------|-----------------|
| | 5 | 4.5 | 36° | 35 | 345/380 | ✗ | 15000h | | 123-7957 A+ | | 123-7958 A++ |
| | 6 | 5 | 36° | 35 | 345/380 | ✓ | 15000h | A+ | 123-7959 | | 123-7960 |
| | 7 | 5 | 36° | 37 | 390 | ✗ | 15000h | A+ | | | 123-7962 |
| RS PRO | 7 | 5 | 36° | 35 | 345/396 | ✗ | 15000h | A+ | 123-7961 | | 123-7962 |
| | 8 | 5 | 120° | 40 | 450 | ✗ | 25000h | A+ | | 786-9124 | 786-9128 |
| | 7 | 6 | 36° | 35 | 345/360 | ✓ | 15000h | | 123-7963 A | | 123-7964 A+ |
| | 9 | 7.5 | 38° | 35 | 556 | ✗ | 30000h | A+ | | 795-6528 | 795-6519 |
| | 10 | 4.6 | 36° | 35 | 350 | ✗ | 15000h | A++ | | | 123-5822 |
| LEDVANCE | 10 | 5 | 36° | 35 | 350 | ✓ | 25000h | A++ | 123-5814 | | |
| | 11 | 7.8 | 36° | 50 | 621 | ✓ | 25000h | A++ | | 123-5817 | |
| | 12 | 7 | 15° | 35 | 400 | ✓ | 40000h | A | 124-4374 | 124-4375 | 124-4376 |
| PHILIPS | 13 | 7 | 24° | 35 | 400/410/430 | ✓ | 40000h | A | 124-4377 | 124-4378 | 124-4379 |
| | 14 | 7 | 36° | 35 | 400/405/425 | ✓ | 40000h | A | 124-4380 | 124-4381 | 124-4382 |
| | 5 | 8.2 | 36° | 50 | 621/645 | ✗ | 15000h | A+ | 124-4332 | | 124-4333 |



Reflector LED Lamps



GU10 LED Reflector, 50mm

| Brand | Image | Wattage (W) | Beam Angle | Equivalent Wattage (W) | Lumens | Dimmable | Lamp Life | Energy Rating | 2700K | 3000K | 4000K | 6000K/6500K |
|----------|-------|-------------|------------|------------------------|-------------|----------|-----------|---------------|----------|----------|----------|-------------|
| RS PRO | 1 | 4.7 | 36° | 50 | 345/380 | ✗ | 15000h | A+ | 123-7965 | | 123-7966 | |
| | 1 | 5.5 | 36° | 50 | 345/380 | ✓ | 15000h | A+ | 123-7967 | | 123-7968 | 851-3074 |
| | 2 | 5.8 | 36° | 50 | 345/380 | ✓ | 15000h | A+ | 123-7972 | | 123-7973 | |
| | 3 | 5 | 120° | 41 | 410/450 | ✗ | 25000h | A++ | 851-3078 | | 851-3071 | 123-7971 |
| | 4 | 6 | 40° | 75 | 220 | ✗ | 20000h | A+ | | 786-9130 | 786-9134 | 786-9143 |
| LEDVANCE | 5 | 3.1 | 36° | 35 | 230 | ✓ | 25000h | A+ | | 125-3905 | | |
| | 5 | 3.1 | 36° | 35 | 230 | ✓ | 25000h | A++ | | 123-5786 | | |
| | 5 | 4.3 | 36° | 50 | 350 | ✗ | 15000h | A++ | | | 123-5798 | |
| | 5 | 4.6 | 36° | 35 | 230 | ✓ | 40000h | A | | 123-5781 | | |
| | 5 | 4.6 | 36° | 50 | 350 | ✓ | 25000h | A+ | | 123-5789 | | |
| OSRAM | 5 | 6.1 | 36° | 50 | 350 | ✓ | 40000h | A+ | 123-5782 | 123-5783 | | |
| | 5 | 7.2 | 36° | 80 | 575 | ✓ | 25000h | A+ | 125-3907 | | 123-5793 | |
| | 6 | 5 | 30° | 57 | 420 | ✗ | | A+ | | 125-0699 | | |
| PHILIPS | 1 | 3.5 | 40° | 35 | 305/315/330 | ✓ | 35000h | A++ | | 124-4359 | | |
| | 7 | | 36° | 35 | 245 | ✓ | 25000h | A+ | 124-4404 | | | |



RS PRO GU10/ MR16 LED Reflector lamps

Long-lasting and efficient, for all your lighting projects



B22 GLS LED

| Brand | Image | Wattage (W) | Equivalent Wattage (W) | Clear / Frosted | Lumens | Dimmable | Energy Rating | 2700K/3000K | |
|---------|----------|-------------|------------------------|-----------------|--------|----------|---------------|-------------|----------|
| RS PRO | | 4 | 40 | Clear | 470 | ✗ | A++ | 123-7933 | |
| | | 4 | 40 | Clear | 470 | ✗ | A++ | 123-7949 | |
| | | 4.5 | 36 | Clear | 470 | ✓ | A++ | 123-7935 | |
| | | 4.5 | 40 | Clear | 470 | ✓ | A++ | 123-7951 | |
| | | 5.4 | 40 | Frosted | 470 | ✗ | A+ | 123-7929 | |
| | | 5.5 | 40 | Frosted | 470 | ✗ | A+ | 123-7945 | |
| | | 5.6 | 40 | Frosted | 470 | ✓ | A+ | 123-7947 | |
| | | 5.6 | 40 | Frosted | 500 | ✓ | A+ | 123-7931 | |
| | | 6 | 60 | Clear | 806 | ✗ | A++ | 123-7941 | |
| | | 7 | 60 | Clear | 806 | ✓ | A++ | 123-7943 | |
| GE | | 9.5 | 60 | Frosted | 806 | ✓ | A+ | 123-7939 | |
| | | 9.5 | 60 | Frosted | 806 | ✗ | A+ | 123-7955 | |
| | | 11 | 60 | Frosted | 810 | ✓ | A+ | 920-9225 | |
| | | 14 | 75 | Frosted | 1100 | ✓ | A+ | 920-9237 | |
| | Orbitec | | 1.6 | 20 | Clear | 150 | ✗ | A++ | 820-8823 |
| | | | 6.2 | 60 | | 620 | ✗ | A+ | 125-0704 |
| | | | 4.5 | 40 | Clear | 470 | ✓ | A++ | 124-4387 |
| | | | 4.5 | 40 | Clear | 470 | ✓ | A++ | 124-4400 |
| | | | 5.5 | 40 | | 470 | ✗ | A+ | 124-4315 |
| | | | 6 | 40 | Clear | 470 | ✓ | A+ | 901-3128 |
| | | 7 | 50 | Gold | 630 | ✓ | A+ | 124-4403 | |
| PHILIPS | | | 7 | 60 | Clear | 806 | ✓ | A++ | 124-4393 |
| | | | 7.5 | 60 | Clear | 806 | ✓ | A+ | 124-4389 |
| | | | 8 | 60 | | 806 | ✗ | A+ | 124-4317 |
| | | 8.5 | 60 | Clear | 806 | ✓ | A+ | 124-4346 | |
| | | 11 | 75 | Frosted | 1055 | ✓ | A+ | 124-4348 | |
| | | 15 | 100 | Frosted | 1521 | ✓ | A+ | 124-4350 | |
| | SYLVANIA | | 2.2 | 23 | Clear | 230 | ✗ | A++ | 836-2797 |
| | | | 4 | 40 | Clear | 470 | ✗ | A++ | 836-2788 |
| | | | 5.5 | 50 | Clear | 640 | ✓ | A++ | 922-9966 |
| | | | 5 | 50 | Clear | 640 | ✗ | A++ | 836-2785 |





E14 GLS LED

| Brand | Image | Wattage (W) | Equivalent Wattage (W) | Clear / Frosted | Lumens | Dimmable | Energy Rating | 2700K/3000K |
|-------|-------|-------------|------------------------|-----------------|--------|----------|---------------|-------------|
| | 1 | 3.5 | 31 | Clear | 350 | ✓ | A++ | 123-7936 |
| | 2 | 3.5 | 31 | Clear | 350 | ✓ | A++ | 123-7952 |
| | 1 | 4 | 36 | Clear | 420 | ✗ | A++ | 123-7934 |
| | 2 | 4 | 36 | Clear | 420 | ✗ | A++ | 123-7950 |
| | 3 | 5.4 | 40 | Frosted | 470 | ✗ | A+ | 123-7930 |
| | 4 | 5.5 | 40 | Frosted | 470 | ✗ | A+ | 123-7946 |
| | 2 | 5.6 | 40 | Frosted | 470 | ✓ | A+ | 123-7932 |
| | 3 | 5.6 | 40 | Frosted | 470 | ✓ | A+ | 123-7948 |
| | | 5 | 1.4 | 15 | Clear | 130 | ✗ | A++ |
| 6 | | 4 | 40 | Frosted | 400 | ✗ | A++ | 125-0706 |
| 7 | | 4 | 40 | Frosted | 400 | ✗ | A++ | 125-0707 |
| | 8 | 3.8 | 37 | Clear | 430 | ✗ | A++ | 902-6770 |
| | 9 | 4 | 25 | Clear | 250 | ✓ | A+ | 901-3103 |
| | 10 | 4.5 | 40 | Clear | 470 | ✓ | A++ | 124-4396 |
| | 11 | 4.5 | 40 | Clear | 470 | ✓ | A++ | 124-4397 |
| | 10 | 6 | 40 | Clear | 470 | ✓ | A+ | 124-4397 |
| | 9 | 8 | 60 | Clear | 806 | ✓ | A+ | 124-4355 |
| | 12 | 8 | 60 | Clear | 806 | ✓ | A+ | 124-4357 |
| | 13 | 2.2 | 23 | Clear | 230 | ✗ | A++ | 836-2794 |
| | 14 | 4.5 | 40 | Clear | 470 | ✓ | A++ | 922-9985 |
| | 15 | 4.5 | 40 | Clear | 470 | ✓ | A++ | 923-0005 |

E27 GLS LED

| Brand | Image | Wattage (W) | Equivalent Wattage (W) | Clear / Frosted | Lumens | Dimmable | Energy Rating | 2700K/3000K | 4000K |
|-------|-------|-------------|------------------------|-----------------|--------|----------|---------------|------------------------|----------|
| | 1 | 6 | 60 | Clear | 806 | ✗ | A++ | 123-7942 | |
| | 1 | 7 | 60 | Clear | 806 | ✓ | A++ | 123-7944 | |
| | 2 | 8 | 50 | Frosted | 620 | ✗ | A+ | 786-9064 | 786-9067 |
| | 3 | 9.5 | 60 | Frosted | 806 | ✓ | A+ | 123-7940 | |
| | 3 | 9.5 | 60 | Frosted | 806 | ✗ | A+ | 123-7956 | |
| | 4 | 3.2 | 25 | Frosted | 250 | ✓ | A+ | 123-5873 | |
| | 5 | 4 | 95 | Clear | 470 | ✓ | A++ | 123-5908 | |
| | 6 | 6 | 60 | Clear | 806 | ✗ | A++ | 123-5936 | |
| | 5 | 6 | 95 | Clear | 806 | ✓ | A++ | 123-5909 | |
| | 7 | 6.7 | 77 | Frosted | 650 | ✓ | A+ | 123-5841 (PAR30) | |
| | 8 | 7 | 46 | Clear | 580 | ✗ | A+ | 123-5943 | |
| | 9 | 7 | 54 | Clear | 710 | ✓ | A+ | 123-5939 | |
| | 1 | 8 | 95 | Clear | 1055 | ✓ | A++ | 123-5914 | |
| | 10 | 9 | 60 | Frosted | 806 | ✓ | A+ | 123-5854 | |
| | 7 | 9.7 | 108 | Frosted | 900 | ✗ | A+ | 123-5843 (15° - PAR38) | |
| | 11 | 14 | 116 | Frosted | 900 | ✓ | A+ | 123-5842 (PAR38) | |



E27 GLS LED (continued)

| Brand | Image | Wattage (W) | Equivalent Wattage (W) | Clear / Frosted | Lumens | Dimmable | Energy Rating | 2700K/3000K | 4000K |
|---------|-------|-------------|------------------------|-----------------|--------|----------|---------------|-------------|----------|
| PHILIPS | 6 | 4.5 | 40 | Clear | 470 | ✓ | A++ | 124-4386 | |
| | 5 | 5 | 40 | Frosted | 470 | ✗ | A+ | | 124-4322 |
| | 5 | 5.5 | 40 | Frosted | 470 | ✗ | A+ | 124-4314 | |
| | 7 | 6 | 40 | Clear | 470 | ✓ | A+ | 901-3137 | |
| | 8 | 7 | 50 | Gold | 630 | ✓ | A+ | 124-4394 | |
| | 9 | 7 | 50 | Gold | 630 | ✓ | A+ | 124-4402 | |
| | 8 | 7 | 60 | Clear | 806 | ✓ | A++ | 124-4392 | |
| | 9 | 7 | 60 | Clear | 806 | ✓ | A++ | 124-4401 | |
| | 10 | 7.5 | 60 | Frosted | 806 | ✗ | A+ | | 124-4323 |
| | 10 | 8.5 | 60 | Clear | 806 | ✓ | A+ | 124-4345 | |
| | 10 | 10 | 75 | Frosted | 1055 | ✗ | A+ | | 124-4324 |
| | 10 | 11 | 75 | Frosted | 1055 | ✗ | A+ | 124-4318 | |
| | 10 | 11 | 75 | Frosted | 1055 | ✓ | A+ | 124-4347 | |
| | 10 | 13 | 100 | Frosted | 1521 | ✗ | A+ | 124-4320 | |
| | 10 | 15 | 100 | Frosted | 1521 | ✓ | A+ | 124-4349 | |
| GE | 11 | 11 | 60 | Frosted | 810 | ✓ | A+ | 920-9221 | |
| | 11 | 14 | 75 | Frosted | 1100 | ✓ | A+ | 920-9234 | |

E27 GLS LED (continued)

| Brand | Image | Wattage (W) | Equivalent Wattage (W) | Clear / Frosted | Lumens | Dimmable | Energy Rating | 2700K/3000K | 4000K | |
|---------|----------|-------------|------------------------|-----------------|---------|----------|---------------|-------------|----------|--|
| Orbitec | 12 | 1.6 | 20 | Clear | 150 | ✗ | A++ | 820-8827 | | |
| | 13 | 6.2 | 60 | Frosted | 620 | ✗ | A+ | 125-0705 | | |
| | 14 | 8 | 56 | Frosted | 700 | ✗ | A+ | 125-0708 | | |
| | 15 | 8 | 56 | Frosted | 700 | ✗ | A+ | 125-0709 | | |
| | 15 | 8 | 56 | Frosted | 700 | ✗ | A+ | 125-0710 | | |
| | 15 | 13 | 100 | Frosted | 1521 | ✗ | A+ | 125-0702 | | |
| | 16 | 17 | 120 | Frosted | 1921 | ✗ | A+ | 125-0703 | | |
| | SYLVANIA | 17 | 4 | 40 | Clear | 470 | ✗ | A++ | 836-2779 | |
| | | 17 | 5 | 50 | Clear | 640 | ✗ | A++ | 836-2781 | |
| | | 18 | 8.5 | 60 | Frosted | 806 | ✓ | A+ | 909-8176 | |



LED Cluster Lamps

| Brand | Image | Base | Wattage (W) | Diameter (mm) | Length (mm) | Lumens | Dimmable | Energy Rating | RS Stock. No |
|-------|----------|------|-------------|---------------|-------------|--------|----------|---------------|--------------|
| | 1 | E40 | 120 | 112 | 340 | 13800 | ✗ | | 124-8918 |
| | 2 | E27 | 20 | 80 | 185 | 2150 | ✗ | A+ | 126-8855 |
| | 2 | E27 | 20 | 80 | 185 | 2180 | ✗ | A+ | 126-8863 |
| | 3 | E27 | 20 | 80 | 185 | 2400 | ✗ | A+ | 126-8873 |
| | 3 | E27 | 30 | 90 | 195 | 3600 | ✗ | A+ | 126-8874 |
| | 4 | E27 | 35 | 80 | 255 | 3950 | ✗ | A+ | 126-8856 |
| | 4 | E27 | 35 | 80 | 255 | 4000 | ✗ | A+ | 126-8864 |
| | 5 | E27 | 40 | 90 | 215 | 4800 | ✗ | A+ | 126-8875 |
| | 4 | E27 | 45 | 80 | 255 | 5050 | ✗ | A+ | 126-8857 |
| | 4 | E27 | 45 | 80 | 255 | 5100 | ✗ | A+ | 126-8865 |
| | 5 | E27 | 60 | 90 | 245 | 7200 | ✗ | A+ | 126-8876 |
| | 4 | E40 | 35 | 80 | 265 | 3950 | ✗ | A+ | 126-8869 |
| | 4 | E40 | 45 | 80 | 265 | 5050 | ✗ | A+ | 126-8870 |
| | 4 | E40 | 45 | 80 | 265 | 5100 | ✗ | A+ | 126-8872 |
| | 4 | E40 | 60 | 100 | 305 | 6300 | ✗ | A+ | 126-8858 |
| | 4 | E40 | 60 | 100 | 305 | 6500 | ✗ | A+ | 126-8866 |
| | 4 | E40 | 80 | 100 | 305 | 8600 | ✗ | A+ | 126-8859 |
| | 4 | E40 | 80 | 100 | 305 | 8800 | ✗ | A+ | 126-8867 |
| | 5 | E40 | 80 | 112 | 255 | 9600 | ✗ | A+ | 126-8877 |
| | 4 | E40 | 100 | 100 | 355 | 10200 | ✗ | A+ | 126-8860 |
| | 4 | E40 | 100 | 100 | 355 | 10400 | ✗ | A+ | 126-8868 |
| | 5 | E40 | 100 | 112 | 265 | 12000 | ✗ | A+ | 126-8878 |



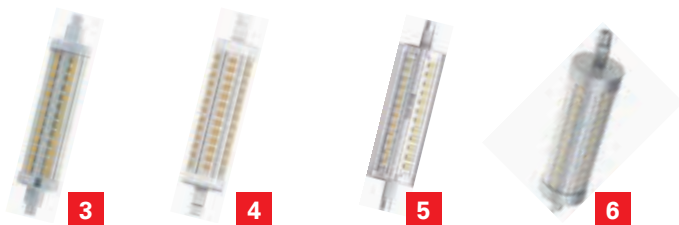
LED Capsule Lamps

| Brand | Image | Base | Wattage (W) | Lumens | Dimmable | Energy Rating | 2700K / 3000K | 4000K / 4200K | 6000K |
|-------|-----------|------|-------------|--------|----------|---------------|---------------|---------------|----------|
| | 6 | G9 | 2.2 | 200 | ✗ | A++ | 820-8820 | | |
| | 7 | G4 | 1.2 | 105 | ✗ | A++ | 839-4782 | | |
| | 8 | G4 | 1.2 | 120 | ✗ | A++ | 124-4336 | | |
| | 9 | G4 | 2 | 200 | ✗ | A++ | 124-4337 | | |
| | 10 | G4 | 2 | 200 | ✓ | A++ | 124-4338 | | |
| | 11 | G9 | 2.3 | 215 | ✓ | A++ | 124-4339 | | |
| | 12 | G4 | 1 | 90 | ✗ | A++ | 786-9168 | 786-9162 | |
| | 11 | G4 | 1.1 | 100 | ✗ | A++ | 123-7926 | | |
| | 14 | G4 | 1.5 | 110 | ✗ | A++ | | | 774-6930 |
| | 14 | G4 | 1.5 | 160 | ✗ | A++ | 123-7927 | | |
| | 15 | G9 | 2 | 160 | ✗ | A++ | 123-7928 | | |



GLS LEDs with Dawn / Dusk Sensor

| Brand | Image | Base | Length (W) | Equivalent Wattage (W) | Clear / Frosted | Lumens | Dimmable | Energy Rating | 2700K/3000K |
|-------|-------|------|------------|------------------------|-----------------|--------|----------|---------------|-------------|
| | | B22 | 9.5 | 60 | Frosted | 806 | ✗ | A+ | 123-7955 |
| | | E27 | 9.5 | 60 | Frosted | 806 | ✗ | A+ | 123-7956 |



Reflector LEDs

| Brand | Image | Base | Length (mm) | Wattage (W) | Lumens | Dimmable | Energy Rating | 2700K/3000K | 4000K |
|-------|-------|------|-------------|-------------|--------|----------|---------------|-------------|----------|
| | | R7S | 118 | 9.5 | 1200 | ✗ | A++ | 123-7954 | |
| | | R7S | 118 | 9.5 | 1200 | ✗ | A++ | 125-0711 | |
| | | R7S | 118 | 14 | 1600 | ✓ | A++ | 124-4334 | |
| | | R7S | 118 | 14 | 1800 | ✓ | A++ | 124-4335 | 124-4335 |



LED Tubes T5 & T8

| Brand | Length (mm) | Diameter | Wattage (W) | Swivel end clips | Lamp Life | Energy Rating | Lumens | 3000K | Lumens | 4000K | Lumens | 6500K | |
|-------|-------------|----------|-------------|------------------|-----------|---------------|--------|----------------|----------|-----------------|----------|-----------------|----------|
| | 1400 | T5 | 37 | | 60000h | A++ | | | 5600 | | 5600 | 125-4120 | |
| | 1400 | T5 | 26 | | 60000h | A++ | | | 3920 | 125-4121 | 3920 | 125-4122 | |
| | 600 | T8 | 7.3 | | 50000h | A++ | 980 | | 1050 | 125-4111 | 1050 | 125-4112 | |
| | 600 | T8 | 8 | | 30000h | A+ | 720 | | 800 | 125-4124 | 800 | 125-4125 | |
| | 1200 | T8 | 14 | | 50000h | A++ | 1900 | | 2100 | 125-4114 | 2100 | 125-4115 | |
| | 1200 | T8 | 16 | | 50000h | A++ | | | 2400 | 125-4103 | 2400 | 125-4104 | |
| | 1200 | T8 | 16 | | 50000h | A++ | | | 2400 | 125-4107 | 2400 | 125-4108 | |
| | 1200 | T8 | 17 | | 30000h | A+ | 1530 | | 1700 | 125-4127 | 1700 | 125-4128 | |
| | 1500 | T8 | 20 | | 50000h | A++ | 2750 | | 3000 | 125-4117 | 3000 | 125-4118 | |
| | 1500 | T8 | 20 | | 30000h | A+ | 1800 | | 2000 | 125-4130 | 2000 | 125-4131 | |
| | 1500 | T8 | 24 | | 50000h | A++ | | | 3600 | 125-4105 | 3600 | 125-4106 | |
| | 1500 | T8 | 24 | | 50000h | A++ | | | 3600 | 125-4109 | | | |
| | | 600 | T8 | 8 | ✗ | 30000h | A+ | 720 | 110-9139 | 800 | 110-9140 | 800 | 110-9141 |
| | | 1200 | T8 | 17 | ✗ | 30000h | A+ | 1530 | 110-9143 | 1700 | 110-9144 | 1700 | 110-9145 |
| | | 1500 | T8 | 20 | ✗ | 30000h | A+ | 1800 | 110-9146 | 2000 | 110-9147 | 2000 | 110-9148 |
| | 600 | T8 | 8 | | 40000h | A+ | 700 | 123-7336 | 800 | 123-7338 | 800 | 123-7339 | |
| | 600 | T8 | 10 | | 40000h | A+ | 950 | 123-7337 | 1050 | 123-7340 | 1050 | 123-7341 | |
| | 600 | T8 | 8 | ✗ | 40000h | A+ | 700 | 913-9867 | 800 | 913-9876 | 800 | 913-9879 | |
| | 1200 | T8 | 14.5 | | 40000h | A+ | 1450 | 123-7342 | 1650 | 123-7345 | 1650 | 123-7343 | |
| | 1200 | T8 | 18 | | 40000h | A+ | 1850 | 123-7344 | 2050 | 123-7347 | 2050 | 123-7348 | |
| | 1200 | T8 | 20 | ✗ | 40000h | A+ | 1850 | 913-9895 | 2050 | 913-9905 | 2000 | | |
| | 1500 | T8 | 27 | | 40000h | A+ | 2500 | 123-7346 | 2700 | 123-7349 | 2700 | 123-7350 | |
| | 1500 | T8 | 27 | ✓ | 40000h | A+ | 3000 | 913-9902 | 3000 | 913-9911 | 3000 | 913-9914 | |
| | | 600 | T8 | 9 | | 30000h | | | | 800 | 126-8879 | 800 | 126-8880 |
| | | 1200 | T8 | 18 | | 30000h | | | | 1600 | 126-8881 | 1600 | 126-8882 |
| 1500 | | T8 | 22 | | 30000h | | | | 1980 | 126-8883 | 1980 | 126-8884 | |
| 1800 | | T8 | 28 | | 30000h | | | | 2500 | 126-8885 | 2500 | 126-8886 | |
| 600 | | T8 | 10 | | 50000h | A+ | | | 1050 | 126-8887 | 2170 | 126-8890 | |
| 1200 | | T8 | 21 | | 50000h | A+ | | | 2170 | 126-8888 | 2170 | 126-8891 | |
| | 1500 | T8 | 24 | | 50000h | A+ | | | 2600 | 126-8889 | 2600 | 126-8892 | |
| | 600 | T8 | 10 | ✓ | 40000h | A+ | 1000 | 901-3140 | 1050 | | 1050 | 901-3143 | |
| | 1200 | T8 | 20 | ✓ | 40000h | A+ | | | 2100 | 901-3156 | 2100 | 901-3159 | |
| | 1200 | T8 | 18 | ✓ | 40000h | | 2300 | 901-3153 A+ | 2500 | 901-3162 A++ | 2500 | 901-3165 A++ | |
| | 1500 | T8 | 25 | ✓ | 40000h | A++ | 2900 | 901-3169 | 3700 | | 3700 | 901-3171 | |



| Quality | Triphosphor | Triphosphor | Triphosphor | Triphosphor |
|------------------------|-------------|-------------|-------------|-------------|
| Colour Description | Warm white | White | Cool white | Daylight |
| Colour Temperature (K) | 3000 | 3500 | 4000 | 6500 |
| Colour Reference | 830 | 835 | 840 | 865 |

Fluorescent Tubes

| Brand | Wattage (W) | Diameter | Length (mm) | Pack size | Lamp Life | Energy Rating | RS Stock. No | RS Stock. No | RS Stock. No | RS Stock. No |
|----------|-------------|----------|-------------|-----------|-----------|---------------|--------------|--------------|--------------|--------------|
| OSRAM | 13 | T2 | 600 | 20 | 8000h | A | 409-810 | | | |
| | 14 | T5 | 550 | 20 | 24000h | A+ | 792-6867 | 494-6691 | 494-6720 | 792-6861 |
| | 18 | T8 | 600 | 25 | 20000h | A | | 656-1264 | 656-1400 | 656-1258 |
| | 21 | T5 | 850 | 20 | 20000h | A+ | 700-1378 | | 494-6736 | 792-6873 |
| | 28 | T5 | 1150 | 20 | 20000h | A+ | 700-1372 | | 494-6742 | 792-6886 |
| | 30 | T8 | 900 | 25 | 20000h | A | 792-6962 | | 656-1393 | 792-6971 |
| | 35 | T5 | 1450 | 20 | 20000h | A+ | 700-1381 | 621-7743 | 621-7737 | |
| | 36 | T8 | 1200 | 25 | 20000h | A+ | 656-1242 | 656-1292 | 656-1321 | 656-1337 |
| | 58 | T8 | 1500 | 25 | 20000h | A | 656-1371 | 656-1309 | 656-1315 | 656-1365 |
| 80 | T5 | 1500 | 25 | 24000h | A | 792-6924 | | 792-6928 | 792-6937 | |
| PHILIPS | 24 | T5 | 550 | 40 | 24000h | A | 377-498 | | 377-509 | |
| | 30 | T8 | 900 | 25 | 20000h | A | 377-022 | | | |
| | 39 | T5 | 850 | 40 | 24000h | A | 376-821 | | 376-827 | |
| | 49 | T5 | 1450 | 40 | 24000h | A | 376-837 | | 376-966 | |
| | 54 | T5 | 1150 | 40 | 24000h | A | 377-325 | | 376-877 | |
| | 70 | T8 | 1500 | 25 | 20000h | A | 377-076 | 792-3600 | 377-587 | |
| | 80 | T5 | 1450 | 40 | 24000h | A | 376-887 | | | |
| SYLVANIA | 14 | T5 | 550 | 25 | 24000h | A+ | 743-6462 | | 711-7051 | 794-3193 |
| | 18 | T8 | 600 | 25 | 20000h | A | 711-7032 | 711-7001 | 711-7023 | 711-7035 |
| | 21 | T5 | 850 | 25 | 24000h | A+ | 743-6469 | | 711-7060 | |
| | 24 | T5 | 550 | 25 | 24000h | A | 743-6453 | | 711-7076 | |
| | 28 | T5 | 1150 | 25 | 24000h | A+ | 743-6447 | | 711-7063 | |
| | 35 | T5 | 1450 | 25 | 24000h | A+ | | | 711-7067 | |
| | 36 | T8 | 1200 | 25 | 20000h | A | 711-7048 | 711-7007 | 711-7039 | 711-7041 |
| | 39 | T5 | 850 | 25 | 24000h | A+ | | | 711-7079 | |
| | 49 | T5 | 1450 | 25 | 24000h | A+ | | | 711-7073 | |
| | 54 | T5 | 1150 | 25 | 24000h | A+ | 743-6456 | | 711-7082 | |
| | 58 | T8 | 1500 | 25 | 20000h | A | 711-7054 | 711-7029 | 711-7045 | 711-7057 |
| | 70 | T8 | 1800 | 25 | 20000h | A | | 711-7010 | 711-7017 | 711-7026 |



Special Application Tubes



Special Application

| Brand | Image | Lamp Size | Length (mm) | Wattage (W) | Lamp Life | Pack | Colour Temperature (K) | Application | RS Stock. No |
|-------|-------|-----------|-------------|-------------|-----------|------|------------------------|-----------------------------------|--------------|
| | | T8 (1") | 210 | 22 | 2000h | 1 | N/A | Insect killer | 548-195 |
| | | T8 (1") | 241 (U) | 25 | 2000h | 1 | N/A | Insect killer | 548-206 |
| | | T5 (5/8") | 450 | 28 | 20000h | 1 | N/A | Insect killer | 715-7954 |
| | | T5 (5/8") | 1150 | 35 | 20000h | 20 | 4000 | Food Industry Safe (Shatterproof) | 715-7926 |
| | | T5 (5/8") | 1150 | 18 | 3000h | 20 | 4000 | Food Industry Safe (Shatterproof) | 715-7948 |
| | | T5 (5/8") | 1450 | 35 | 20000h | 20 | 3000 | Food Industry Safe (Shatterproof) | 715-7920 |
| | | T5 (5/8") | 1450 | 49 | 20000h | 20 | 4000 | Food Industry Safe (Shatterproof) | 715-7939 |
| | | T5 (5/8") | 1450 | 49 | 20000h | 20 | 3000 | Food Industry Safe (Shatterproof) | 715-7932 |
| | | T5 (5/8") | 1450 | 54 | 20000h | 20 | 4000 | Food Industry Safe (Shatterproof) | 715-7936 |
| | | T8 (1") | 600 | 18 | 20000h | 25 | 4000 | Food Industry Safe (Shatterproof) | 715-7881 |
| | | T8 (1") | 600 | 18 | 20000h | 10 | 6500 | Food Industry Safe (Shatterproof) | 715-7885 |
| | | T8 (1") | 600 | 18 | 20000h | 25 | 3000 | Food Industry Safe (Shatterproof) | 715-7888 |
| | | T8 (1") | 1200 | 36 | 20000h | 25 | 4000 | Food Industry Safe (Shatterproof) | 715-7897 |
| | | T8 (1") | 1200 | 36 | 20000h | 10 | 6500 | Food Industry Safe (Shatterproof) | 715-7891 |
| | | T8 (1") | 1200 | 36 | 20000h | 25 | 3000 | Food Industry Safe (Shatterproof) | 715-7894 |
| | | T8 (1") | 1500 | 58 | 20000h | 25 | 4000 | Food Industry Safe (Shatterproof) | 715-7904 |
| | | T8 (1") | 1500 | 58 | 20000h | 10 | 6500 | Food Industry Safe (Shatterproof) | 715-7908 |
| | | T8 (1") | 1800 | 70 | 20000h | 10 | 4000 | Food Industry Safe (Shatterproof) | 715-7910 |
| | | T8 (1") | 1800 | 70 | 20000h | 10 | 3000 | Food Industry Safe (Shatterproof) | 715-7917 |
| | | T8 (1") | 1800 | 70 | 20000h | 10 | 6500 | Food Industry Safe (Shatterproof) | 715-7914 |
| | | T5 (5/8") | 150 | 4 | 3000h | 1 | N/A | UV Detection | 497-628 |
| | | T5 (5/8") | 300 | 15 | 3000h | 1 | N/A | Insect Killer | 639-1829 |
| | | T5 (5/8") | 450 | 15 | 3000h | 1 | N/A | Insect Killer | 639-1835 |
| | | T8 (1") | 1200 | 32 | 20000h | 25 | 4000 | Energy Saving | 521-548 |
| | | T8 (1") | 1500 | 51 | 20000h | 25 | 4000 | Energy Saving | 521-582 |
| | | T8 (1") | 1500 | 58 | 12000h | 25 | 4000 | Colour Matching | 377-9692 |



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AVAILABLE NOW





| Brand | Image | Bulb Type | Base | Colour Temperature | Wattage | | | |
|----------|-------|-----------------------------------------------|-------------|--------------------|----------------|----------------|----------------|-----------------|
| | | | | | 70W | 100W | 250W | 400W |
| PHILIPS | 1 | Ceramic metal halide CDM | CDM-T Elite | 3000 | 377-268 A+ | | | |
| | 3 | White SON | SDW-T | 2500 | | 376-994 B | | |
| | 6 | Double ended metal halide | MHN-TD | 4200 | | | | 182-6932 A+ |
| OSRAM | 5 | Metal halide upgrade for SON & Mercury | HQI-T | 5200 | | | 743-460 A | 305-6882 A |
| | 4 | Metal halide upgrade for SON & Mercury | HQI-E | 5200 | | | 743-448 A | 743-454 A |
| | 4 | Sodium diffused elliptical SON-E | SON-E | 2000 | | | 719-3691 A+ | 719-3695 A++ |
| | 5 | Sodium clear tubular SON-T | SON-T | 2000 | | | 719-3714 A+ | 719-3718 A++ |
| | | | | | | | | |
| Brand | Image | Bulb Type | Base | Colour Temperature | Wattage | | | |
| | | | | | 35W | 55W | 70W/80W | 150W |
| GE | 7 | Ceramic metal halide tubular enclosed fitting | CMH-T | 3000 / 930 | 748-1257 A+ | | | |
| | 1 | Ceramic metal halide tubular | CMH-TC | 3000 | 780-6397 A+ | | | |
| | 7 | Ceramic metal halide tubular enclosed fitting | CMH-T | 3000 / 830 | 786-3246 A+ | | | 786-3243 A+ |
| | 1 | Ceramic metal halide tubular | CMH-TC | 3000 | | | 786-9483 A+ | |
| | 2 | Ceramic metal halide double ended open | CMH-TD | RX7s | 3000 | | | 786-3252 A+ |
| SYLVANIA | 8 | Mercury replacement HID | E27 | 3000 | | 125-0637 A+ | 125-0638 A+ | |
| | 8 | Ceramic metal halide replacement HID | E40 | 3000 | | | | 125-0639 A+ |

Compact Fluorescent Ballasts

| Types of lamps | Wattage (W) | Magnetic | | Electronic (4 pin only) | | Bulb shape |
|-----------------------------------------------|-------------|---------------------|---------------------|---------------------------------|---------------------|------------|
| | | Single RS Stock. No | Twin Rs Stock No. | Single Rs Stock No. | Twin Rs Stock No. | |
| TC TC-EL Dulux S/E | 5 | | 793-4685 / 793-4672 | 721-0841 / 669-2964 | | |
| | 7 | | 793-4685 | 721-0841 / 669-2964 | | |
| | 9 | | 793-4685 | 721-0841 / 775-4007 669-2964 | 775-4007 | |
| | 11 | | | 721-0841 / 775-4007 | 775-4007 | |
| TC-D TC-DEL Dulux D/E Biax D PL-C | 10 | 793-4685 | | 721-0841 / 775-4007 | 775-4007 | |
| | 13 | 793-4685 | | 775-4007 | 775-4007 | |
| | 18 | | | 775-4000 | 775-4000 | |
| | 26 | | | 546-3002 / 873-5085 | 546-3002 / 546-3018 | |
| TC-T TC-TEL Dulux TE Biax T PL-T | 13 | | | 775-4007 | 775-4007 | |
| | 18 | | | 775-4000 | 775-4000 | |
| | 26 | | | 546-3002 / 873-5085 | 546-3002 / 546-3018 | |
| | 32 | | | 546-3002 / 873-5085 | 546-3018 | |
| TC-L PL-L Dulux L Biax L | 42 | | | 546-3002 / 873-5085 | 546-3018 | |
| | 18 | | | 546-3002 / 873-5123 873-5085 | 546-3002 / 546-3018 | |
| | 24 | | | 546-3002 / 873-5123 873-5085 | 546-3002 / 546-3018 | |
| | 36 | | | 494-6613 / 873-5085 | 494-6657 / 873-5098 | |
| TC-DD 2D PL-Q Lynx-Q | 40 | | | 494-6629 / 873-5085 | | |
| | 55 | | | 494-6641 / 873-5082 | | |
| | 16 | | | 440-9631 / 721-0841 | | |

HID Lamps: SON & Metal Halide

| Puissance (W) | Magnetic | | Electronic For CDM Lamps | |
|---------------|----------------------|----------------------|--------------------------|--------------------------|
| | Ballast RS Stock. No | Ignitor RS Stock. No | Standard RS Stock. No | Independent RS Stock. No |
| 35 | | | 544-339 | 544-351 |
| 50 | | 667-7259 | | |
| 70 | 667-7246 | 667-7259 | 544-355 | 544-349 |
| 100 | 667-7249 | | | |
| 150 | 667-7243 | | 544-361 | |
| 250 | 667-7252 | | | |
| 400 | 784-0515 | | | |

HID Lamps: SOX

| Puissance (W) | Magnetic | |
|---------------|----------------------|----------------------|
| | Ballast RS Stock. No | Ignitor RS Stock. No |
| 35 | 312-3027 | |
| 55 | 312-3027 | 312-3055 |

Linear Fluorescent - Magnetic



| Length (mm) | Wattage (W) | Diameter | Single RS Stock. No | Twin RS Stock. No |
|-------------|-------------|----------|---------------------|-------------------|
| 225 | 6 | T5 | | 793-4685 |
| 530 | 13 | T5 | 793-4685 | |
| 1500 | 58 | T8 | 793-4691 | 793-4691 |

Linear Fluorescent - Electronic Fixed Output

| Length (mm) | Wattage (W) | Diameter | Single RS Stock. No | Twin RS Stock. No | 3-way RS Stock. No | 4-way RS Stock. No |
|-------------|-------------|----------|---------------------|-------------------|--------------------|--------------------|
| 549 | 14 | T5 | 781-2923 | 781-2945 | 781-2967 | 781-2967 |
| 849 | 21 | T5 | 781-2923 | 781-2945 | 899-7854 | |
| 549 | 24 | T5 | 781-2926 | 781-2948 | 781-2960 | 781-2960 |
| 1149 | 28 | T5 | 781-2923 | 781-2945 | | |
| 1449 | 35 | T5 | 781-2923 | 781-2945 | | |
| 849 | 39 | T5 | 781-2920 | 781-2942 | | |
| 600 | 18 | T8 | 775-3972 | 775-3988 | 775-3994 | 424-0224 |
| 1200 | 36 | T8 | 775-3981 | 775-3997 | | |
| 1500 | 58 | T8 | 775-3984 | 775-3990 | | |

Linear Fluorescent - Electronic Switch Dimming

| Length (mm) | Wattage (W) | Diameter | Twin RS Stock. No | 3-way RS Stock. No | 4-way RS Stock. No |
|-------------|-------------|----------|-------------------|--------------------|--------------------|
| 600 | 18 | T8 | | 440-9596 | 440-9603 |
| 1200 | 36 | T8 | 789-7930 | | |
| 1500 | 58 | T8 | 789-7933 | | |

Linear Fluorescent - Electronic 1-10V Dimming

| Length (mm) | Wattage (W) | Diameter | Single RS Stock. No | Twin RS Stock. No |
|-------------|-------------|----------|---------------------|-------------------|
| 600 | 18 | T8 | 243-2847 | |
| 1200 | 36 | T8 | 243-2869 | 243-2897 |
| 1500 | 58 | T8 | 243-2875 | 243-2904 |

Starters

| | RS Stock. No | | RS Stock. No |
|--------------------------|--------------|------------------------------|--------------|
| Starter universel 4-80 W | 809-223 | Starter électronique 16-75 W | 809-346 |
| Starter duo 4-22 W | 106-537 | Starter électronique 18-20 W | 809-352 |

Available in many styles and types, today's torches are often purpose designed for a specific task or application with specifications appropriate for their use. The introduction of LED allows for far greater battery life and rechargeable versions can eliminate battery replacement altogether.

The RS range of torches includes a large selection of ATEX approval models for use in hazardous areas. We stock a large choice of head torches, pocket torches and flashlights each offering particular user benefits.

Battery Types

| | Alkaline | Lithium (Disposable) | Lithium-ion (Rechargeable) |
|-------------|---------------------------------------------|---------------------------------------------|-----------------------------|
| Pros | Easy to source, handy, convenient | Longer runtime and shelf-life than alkaline | Long runtime and shelf-life |
| Cons | Shorter runtime and shelf-life than Lithium | Higher cost | Higher cost |



Rechargeable

This symbol used in this section indicates batteries are rechargeable. These will be NiMH, NiCd or Lithium types. In some cases a torch will contain a sealed battery pack with no user access.

FACTORS TO CONSIDER

Range – Measured in meters, this is how far the light will shine before the brightness diminishes to the equivalent of the light from a full moon. Full moon illumination is considered adequate for safe and careful travel outdoors.

Size and weight – Selection of size and weight is mostly personal preference. A larger, heavier unit is not necessarily brighter. However it is likely to feature an extended run time due to a greater battery capacity.

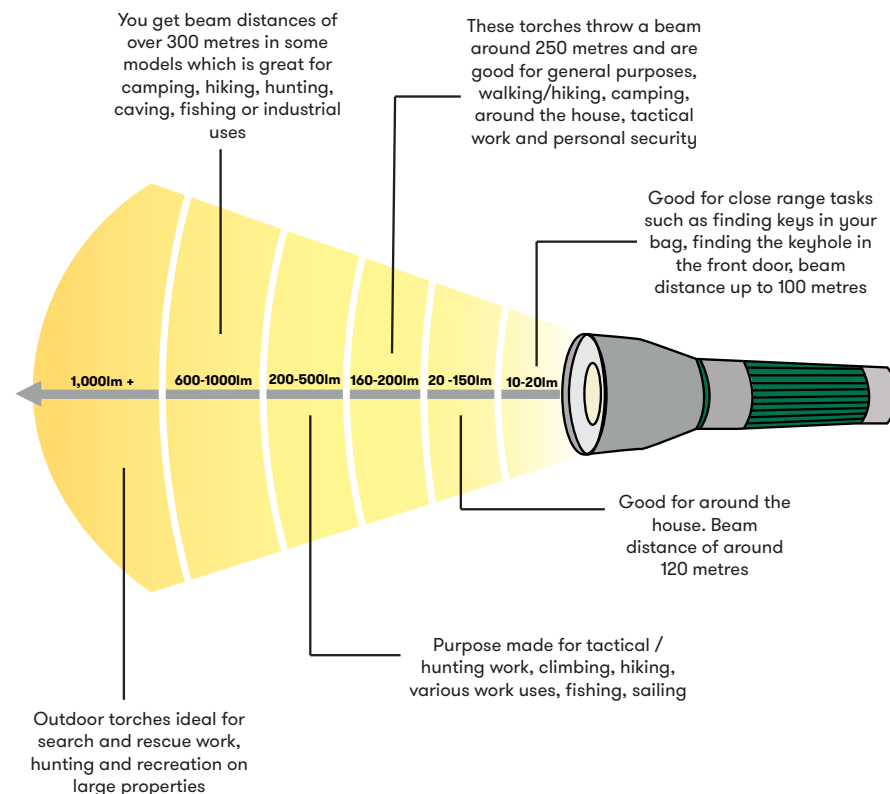
Beam Features – Consideration of the beam type will help select the best torch for your application.

- **Pencil beam** – good for homing in on a target or an object
- **Wide beam** – effective illumination of the surrounding area
- **Strobe mode** – good for emergency use and signalling
- **Flashing mode** – good for signalling, morse code and emergencies

HOW BRIGHT DO I NEED?

Light output, measured in lumens, is a measure of the intensity of the emitted by the flashlight when it is on the highest brightness setting and powered by new batteries. It is a good tool to use when comparing torches but it doesn't tell the whole story about brightness. Beam type and range are also shown in our tables and both influence the effectiveness of a light in different applications.

Light output can range from less than 20 lumens (20 is adequate for reading a book) to over 3,000 lumens.





| Brand | Type | Beam Type | Lumens | Battery Type | Range (m) | Colour | Material | Zone | RS Stock No. |
|------------|-------------------|-----------------------|--------|------------------|-----------|--------|-----------|--------------|--------------|
| | Flashlight | Spot | 120 | 4 × AA | 172 | Yellow | Plastic | 0 | 890-2991 |
| | Flashlight | Spot | 157 | 4 × AA | 117 | Yellow | Plastic | 0 | 890-2995 |
| | Flashlight | Spot | 130 | 3 × C | 140 | Yellow | Plastic | 0 | 890-3008 |
| | Flashlight | Spot to Flood | 157 | 1 × Li-ion | 200 | White | Aluminium | 1, 2, 21, 22 | 133-6301 |
| | Head Torch | Spot | 200 | 3 × AAA | 100 | Black | Plastic | 0 | 890-3001 |
| | Flashlight | Spot to Flood, Strobe | 220 | 2 × AA | Strobe | Black | Aluminium | 1 | 123-4801 |
| | Flashlight | Spot to Flood, Strobe | 200 | 1 × AA | Strobe | Black | Aluminium | 1 | 123-4802 |
| | Flashlight | Spot | 125 | 3 × C | 144 | Yellow | Plastic | 0 | 826-8670 |
| | Flashlight | Spot | 160 | 4 × AA | 120 | Yellow | Plastic | 0 | 907-6494 |
| | Flashlight | Spot | 50 | 3 × AAA | 30 | Black | Plastic | 0 | 125-0312 |
| | Flashlight | Spot to Flood | 157 | 1 × Li-ion | 200 | Black | Aluminium | 1, 2 | 125-0313 |
| | Head Torch | Flood | 80 | 3 × AAA | 70 | Yellow | Plastic | 0 | 125-0311 |
| | Flashlight | Flood | 34 | 2 × AAA | 45 | Grey | Plastic | 0 | 136-8554 |
| | Flashlight | Flood | 34 | 2 × AAA | 45 | Yellow | Plastic | 0 | 136-8555 |
| | Flashlight | Spot | 110 | 3 × AA | 164 | Yellow | Plastic | 0 | 914-5017 |
| | Head Torch | Flood | 30 | 3 × AAA | 28 | Black | Plastic | 0 | 110-9138 |
| | Head Torch | Spot to Flood | 215 | 4 × AA | 108 | Black | Plastic | 1 | 136-8556 |
| | Head Torch | Spot to Flood | 215 | 4 × AA | 108 | Yellow | Plastic | 1 | 136-8557 |
| | Right Angle Torch | Spot | 174 | 4 × AA | 278 | Yellow | Plastic | 0 | 907-4827 |
| | Right Angle Torch | Spot | 126 | 3 × AA | 161 | Yellow | Plastic | 0 | 914-5014 |
| | | Head Torch | Flood | 60 | 2 × AA | 15 | Black | Plastic | 2, 22 |
| Head Torch | | Flood | 80 | 2 × AA | 55 | Black | Plastic | 2, 23 | 869-7472 |
| Head Torch | | Spot to Flood | 100 | 2 × AA | 90 | Black | Plastic | 2, 24 | 869-7475 |
| Head Torch | | Spot to Flood | 90 | 1 × Battery Pack | 90 | Black | Plastic | 2, 25 | 869-7488 |

| Brand | Type | Beam Type | Lumens | Battery Type | Range (m) | Colour | Material | Zone | RS Stock No. |
|-------|-------------------|---------------|--------|------------------|-----------|---------------|----------|---------------------|--------------|
| | Flashlight | Spot | 140 | 4 × AA | 175 | Yellow | Plastic | 0 | 801-1345 |
| | Head Torch | Flood | 180 | 3 × AAA | 110 | Yellow | Plastic | 0 | 881-3946 |
| | Head Torch | Spot to Flood | 140 | 3 × 3 × AAA | 86 | Yellow | ABS | 0 | 172-1183 |
| | Pen Torch | Spot | 65 | 2 × 2 × AAA | 30 | Black, Yellow | ABS | 0 | 172-1184 |
| | Right Angle Torch | Spot | 210 | 4 × AA | 135 | Yellow | Plastic | 0 | 881-3942 |
| | Flashlight | Spot | 0.7 | 4 × Coin Cell | 2.5 | Yellow | Plastic | 0, 1, 2 | 625-9494 |
| | Flashlight | Spot | 90 | 3 × LR1 | 2.5 | Yellow | Plastic | 0 | 625-9523 |
| | Flashlight | Spot | 210 | 4 × AA | 2.5 | Yellow | Plastic | 0, 1, 2, 20, 21, 22 | 124-6600 |
| | Flashlight | Spot | 60 | 1 × Battery Pack | 5 | Black | Plastic | 1, 21 | 701-2842 |
| | Flashlight | Spot | 170 | 2 × D | 5 | Yellow | Plastic | 1, 2, 21, 22 | 917-6648 |
| | Flashlight | Spot | 15 | 2 × AAA | 2.5 | Yellow | Plastic | 1, 2 | 625-9517 |
| | Flashlight | Spot | 230 | 2 × D | 5 | Yellow | Plastic | 1, 2, 21, 22 | 917-6645 |
| | Flashlight | Spot to Flood | 130 | 2 × D | 5 | Yellow | Plastic | 0, 1, 2, 20, 21, 22 | 124-6604 |
| | Flashlight | Spot to Flood | 130 | 2 × D | 5 | Yellow | Plastic | 0, 1, 2, 20, 21, 22 | 124-6605 |
| | Flashlight | Spot to Flood | 350 | 1 × Battery Pack | 5 | Black | Plastic | 1 | 701-2864 |
| | Flashlight | Spot to Flood | 350 | 1 × Battery Pack | 5 | Black | Plastic | 1 | 701-2867 |
| | Head Torch | Spot | 130 | 3 × AA | 2.5 | Black | Plastic | 0, 1, 2, 21, 22 | 769-2741 |
| | Head Torch | Spot | 50 | 3 × AAA | 2.5 | Black | Plastic | 1, 2, 21, 22 | 769-2744 |
| | Right Angle Torch | Spot | 80 | 1 × Battery Pack | 5 | Yellow | Plastic | 0, 1, 2 | 701-2833 |
| | Right Angle Torch | Spot | 80 | 1 × Battery Pack | 5 | Yellow | Plastic | 1, 2, 21, 22 | 701-2839 |
| | Right Angle Torch | Spot | 70 | 2 × D | 5 | Yellow | Plastic | 1, 2, 21, 22 | 769-2748 |
| | Right Angle Torch | Spot | 170 | 2 × D | 5 | Yellow | Plastic | 1, 2, 21, 22 | 917-6636 |
| | Right Angle Torch | Spot | 230 | 2 × D | 5 | Yellow | Plastic | 1, 2, 21, 22 | 917-6632 |



| Brand | Beam Type | Lumens | Battery Type | Range (m) | Colour | Material | RS Stock No. | |
|-------|---------------|--------|------------------|-----------|--------|-----------|--------------|----------|
| | Flood | 250 | AA x 3 | | Black | Plastic | 123-4514 | |
| | Flood | 250 | AA x 3 | | Black | Plastic | 123-4515 | |
| | Fixed | 40 | AAA x 3 | 100 | Black | Plastic | 698-8849 | |
| | Flood | 150 | AAA x 3 | 200 | Black | Plastic | 787-8888 | |
| | Spot to Flood | 280 | AAA x 3 | 165 | Black | Aluminium | 124-1001 | |
| | Spot to Flood | 170 | AAA x 3 | 500 | Black | Aluminium | 698-8842 | |
| | Flood | 37 | AAA x 2 | 22 | Black | Plastic | 126-8972 | |
| | Flood | 37 | AAA x 2 | 22 | Orange | Plastic | 126-8973 | |
| | Flood | 37 | AAA x 2 | 22 | Blue | Plastic | 126-8974 | |
| | Flood | 37 | AAA x 2 | 22 | Green | Plastic | 126-8975 | |
| | Spot | 100 | AAA x 3 | 39 | Black | Plastic | 126-8982 | |
| | Spot | 175 | AAA x 3 | 56 | Black | Plastic | 126-8983 | |
| | Spot | 145 | AAA x 3 | 50 | Black | Plastic | 127-0172 | |
| | Spot to Flood | 285 | AAA x 3 | 119 | Black | Plastic | 127-0173 | |
| | Spot to Flood | 240 | AAA x 3 | 104 | Black | Plastic | 127-0174 | |
| | Spot to Flood | 800 | Battery Pack x 1 | 214 | Black | Aluminium | 127-0175 | |
| | | Spot | 600 | AA x 3 | | White | Plastic | 877-6718 |
| | | Flood | 200 | AA x 3 | 100 | Black | Plastic | 128-8792 |

| Brand | Beam Type | Lumens | Battery Type | Range (m) | Colour | Material | RS Stock No. |
|-------|---------------|--------|------------------|-----------|----------------|-----------|--------------|
| | Flood | 25 | AAA x 3 | 70 | Black | Aluminium | 827-6457 |
| | Focused | 220 | Li-ion x 1 | 150 | Black, Green | Aluminium | 173-2210 |
| | Spot | 80 | AAA x 3 | 32 | Black | Plastic | 827-6429 |
| | Spot to Flood | 180 | AAA x 3 | 120 | Black | Plastic | 787-9620 |
| | Spot to Flood | 90 | AAA x 3 | 40 | Green | Plastic | 787-9623 |
| | Spot to Flood | 180 | AAA x 3 | 120 | Red | Plastic | 787-9626 |
| | Spot to Flood | 220 | Battery Pack x 1 | 130 | Blue | Plastic | 787-9639 |
| | Spot to Flood | 250 | AAA x 4 | 160 | Black | Plastic | 792-4219 |
| | Spot to Flood | 850 | AA x 4 | 300 | Black | Aluminium | 792-4225 |
| | Spot to Flood | 300 | AAA x 1 | 160 | Black | Aluminium | 792-4228 |
| | Spot to Flood | 200 | AAA x 3 | 120 | Black | Aluminium | 111-6699 |
| | Spot to Flood | 200 | AAA x 3 | 120 | Black | Aluminium | 111-6700 |
| | Spot to Flood | 100 | AAA x 3 | 100 | Yellow | Aluminium | 111-6701 |
| | Spot to Flood | 180 | AAA x 1 | 120 | Yellow | Aluminium | 111-6702 |
| | Spot to Flood | 2000 | Battery Pack x 1 | 300 | Black | Aluminium | 111-6703 |
| | Spot to Flood | 120 | AAA x 3 | 100 | Black | Aluminium | 137-1876 |
| | Spot to Flood | 120 | 3 x AAA x 3 | 100 | Black, Red | Aluminium | 137-1877 |
| | Spot to Flood | 180 | AA x 3 | 120 | Black / Yellow | Plastic | 175-2422 |



| Brand | Beam Type | Lumens | Battery Type | Range (m) | Colour | Material | RS Stock No. |
|---------------|---------------|--------|------------------|-----------|--------|----------|--------------|
| NightSearcher | Spot | 340 | Battery Pack x 1 | 200 | Black | Plastic | 907-6425 |
| | Spot to Flood | 550 | AA x 4 | 550 | Black | Plastic | 826-8620 |
| | Spot to Flood | 550 | Battery Pack x 1 | 550 | Black | Plastic | 826-8623 |
| | Spot to Flood | 180 | AAA x 3 | 100 | Black | Plastic | 826-8667 |
| | Spot to Flood | 170 | AAA x 3 | 65 | Black | Plastic | 125-0314 |
| | Spot to Flood | 40 | AAA x 1 | 6 | Black | Silicone | 125-0315 |
| PELI | Spot to Flood | 66 | AAA x 3 | 32 | Black | Plastic | 810-3172 |
| PETZL | Flood | 50 | CR2032 x 2 | 10 | Black | Plastic | 126-2318 |
| | Flood | 200 | AAA x 3 | 40 | Black | Plastic | 126-2322 |
| | Spot to Flood | 370 | AA x 3 | 105 | White | Plastic | 869-7479 |
| | Spot to Flood | 300 | Li-ion x 1 | 90 | Red | Plastic | 126-0334 |
| | Spot to Flood | 150 | AAA x 3 | 50 | Black | Plastic | 126-2319 |
| | Spot to Flood | 150 | AAA x 3 | 50 | Blue | Plastic | 126-2320 |
| | Spot to Flood | 200 | AAA x 3 | 60 | Black | Plastic | 126-2321 |
| | Spot to Flood | 300 | AAA x 3 | 90 | Black | Plastic | 126-2323 |
| | Spot to Flood | 300 | AAA x 3 | 90 | Blue | Plastic | 126-2324 |
| | Spot to Flood | 350 | Li-ion x 1 | 95 | Black | Plastic | 126-2325 |
| | Spot to Flood | 250 | Li-ion x 1 | 70 | Black | Plastic | 126-2327 |
| | Spot to Flood | 350 | Li-ion x 1 | 95 | Black | Plastic | 126-2328 |

| Brand | Beam Type | Lumens | Battery Type | Range (m) | Colour | Material | RS Stock No. |
|---------|-------------------------|--------|------------------|-----------|--------|----------|--------------|
| UNILITE | Flashing, Spot to Flood | 200 | AAA x 3 | 90 | Black | Plastic | 146-4744 |
| | Flood | 200 | AAA x 3 | 85 | Black | Plastic | 831-9239 |
| | Flood | 350 | Battery Pack x 1 | 140 | Yellow | Plastic | 881-3977 |
| | Flood | 150 | Li-ion x 1 | 10 | Black | Plastic | 122-3118 |
| | Flood | 200 | AAA x 2 | 90 | Black | Plastic | 146-4743 |
| | Flood | 750 | Li-ion x 2 | 100 | Yellow | Plastic | 146-4746 |
| | Flood | 150 | Li-ion x 1 | 13 | Yellow | MISSING | 146-4747 |
| | Flood | 150 | Li-ion x 1 | 13 | Orange | MISSING | 146-4748 |
| | SOS | 175 | AA x 1 | 70 | Yellow | ABS | 172-1182 |
| | Spot | 80 | AA x 1 | 55 | Yellow | Plastic | 739-3110 |
| | Spot to Flood | 155 | AA x 1 | 60 | Black | Plastic | 146-4752 |
| | Spot to Flood | 350 | Li-ion x 3 | 27 | Yellow | Plastic | 146-4745 |
| | Spot to Flood | 350 | AA x 3 | 120 | Yellow | Plastic | 739-3122 |



1



2



3



4



5



6

| Brand | Image | Type | Beam Type | Lumens | Rechargeable | Battery Type | Number of Batteries | Range (m) | Colour | Material | RS Stock No. |
|-----------|-------|------------------|--------------|--------|--------------|--------------|---------------------|-----------|----------------|-----------|--------------|
| | 1 | Pocket LED Torch | Flash Light | 180 | ✗ | 3 × AAA | 3 | 140 | Black | Aluminium | 164-3474 |
| | 2 | Pocket LED Torch | Spotlight | 60 | ✗ | 1 × AA | 1 | 75 | Black | Aluminium | 164-3475 |
| | 3 | Pocket LED Torch | Tactical | 130 | ✗ | 2 × AAA | 2 | 75 | Black | Aluminium | 164-3476 |
| | 4 | Pen Torch | Focused | 50 | ✗ | AAA | 2 | 35 | Black / Yellow | Plastic | 175-2420 |
| Mouret Sa | 5 | Pocket LED Torch | Ultra-violet | 5 | ✗ | Coin Cell | 2 | 5 | Black | Plastic | 313-072 |
| | 6 | Pen Torch | Pen | 125 | ✓ | USB | 0 | 3 | Green | ABS | 172-1187 |



| Brand | Type | Beam Type | Lumens | Battery Type | Range (m) | Colour | Material | RS Stock No. |
|----------|---------------------|--------------|---------|------------------|-----------|-------------------------------|-----------|--------------|
| | Chemical Lightstick | Flood | N/A | 0 × | N/A | White | Plastic | 379-9860 |
| | Chemical Lightstick | Flood | N/A | 0 × | N/A | Yellow | Plastic | 379-9876 |
| | Chemical Lightstick | Flood | N/A | 0 × | N/A | Green | Plastic | 379-9882 |
| | Chemical Lightstick | Flood | N/A | 0 × | N/A | Red | Plastic | 379-9898 |
| | Chemical Lightstick | Flood | N/A | 0 × | N/A | Green/Orange/Red/White/Yellow | Plastic | 379-9911 |
| | Inspection | Flood | 250 | 3 × AAA | 25 | Black | Aluminium | 176-6026 |
| | Inspection | Flood & Spot | 250 | 4 × AAA | 236 | Black | Aluminium | 176-6029 |
| | Inspection | Flood | 400 | 3 × AA | 29 | Black | Aluminium | 176-6027 |
| | Inspection | Flood & Spot | 440 | 1 × Li ion | 100 | Black | Aluminium | 176-6030 |
| | Inspection | Flood | 500 | 1 × Li ion | 37 | Black | Aluminium | 176-6028 |
| | Inspection | Flood & Spot | 500 | 1 × Li ion | 48 | Black | Aluminium | 176-6036 |
| | Straight | Flood | 150 | 4 × AAA | | Black | Plastic | 136-3577 |
| | Straight | Flood | 179 | 4 × AA | 138 | Yellow | Plastic | 111-5772 |
| | Straight | Flood & Spot | 300 | 1 × Li ion | 100 | Black | Aluminium | 176-6035 |
| | Straight | Flood & Spot | 1400 | 6 × AA | 220 | Black | Aluminium | 176-6034 |
| | Straight | Spot | 9 | 3 × Coin Cell | | Silver | Aluminium | 901-4954 |
| | Straight | Spot | 12 | 1 × AAA | | Black | Aluminium | 901-4966 |
| | Straight | Spot | 15 | 2 × AAA | | Silver | Aluminium | 901-4960 |
| | Straight | Spot | 15 | 1 × Rechargeable | 30 | Black | Plastic | 669-1595 |
| | Straight | Spot | 400 | 3 × AAA | 100 | Grey | Aluminium | 901-4972 |
| Straight | Spot | 400 | 3 × AAA | 100 | Black | Aluminium | 901-4979 | |
| Straight | Spot | 410 | 3 × AAA | 50 | Black | Aluminium | 795-6496 | |
| Straight | Spot | 500 | 3 × AA | 200 | Black | Aluminium | 901-4976 | |

| Brand | Type | Beam Type | Lumens | Battery Type | Range (m) | Colour | Material | RS Stock No. |
|-------|----------|-----------------------|--------|------------------|-----------|--------|-----------------|--------------|
| | Straight | Spot | 550 | 3 × AA | 200 | Black | Aluminium | 901-4985 |
| | Straight | Spot to Flood, Strobe | 200 | 3 × AAA | | Black | Aluminium | 795-6503 |
| | Straight | Ultra-violet | 410 | 3 × AAA | | Black | Plastic | 136-3601 |
| | Straight | Spot | 25 | 1 × AA | 50 | Silver | Aluminium | 667-7704 |
| | Straight | Spot | 80 | 2 × AA | 200 | Black | Aluminium | 667-7707 |
| | Straight | Spot | 160 | 2 × C | 100 | Black | Aluminium | 811-2243 |
| | Straight | Spot | 260 | 3 × D | 160 | Black | Aluminium | 811-2252 |
| | Straight | Spot | 25 | 2 × AA | 65 | Silver | Aluminium | 708-2655 |
| | Straight | Spot to Flood | 230 | 3 × AAA | 220 | Black | Aluminium | 136-0110 |
| | Straight | Spot to Flood | 550 | 1 × Battery Pack | 1500 | Black | Plastic | 178-279 |
| | Tactical | LED | 930 | 4 × AA | 240 | Black | Aluminium | 164-3473 |
| | Straight | Spot to Flood | 100 | 2 × AAA | 60 | Black | Aluminium | 128-8584 |
| | Straight | Spot to Flood | 250 | 3 × AAA | 160 | Black | Aluminium | 128-8785 |
| | Straight | Spot to Flood | 250 | 1 × Li-ion | 160 | Black | Aluminium | 128-8786 |
| | Straight | Spot to Flood | 350 | 1 × Li-ion | 200 | Black | Aluminium | 128-8787 |
| | Straight | Spot to Flood | 450 | 1 × Li-ion | 200 | Black | Aluminium | 128-8788 |
| | Straight | Spot to Flood | 700 | 2 × Li-ion | 300 | Black | Aluminium | 128-8789 |
| | Straight | Spot to Flood, Strobe | 850 | 1 × Li-ion | 270 | Black | Aluminium | 128-8791 |
| | Straight | Spot | 80 | 3 × AAA | 33 | Black | Aluminium | 127-0164 |
| | Straight | Spot | 150 | 3 × AAA | 37 | Black | Aluminium | 127-0163 |
| | Straight | Spot to Flood | 130 | 1 × AA | 79 | Black | Aluminium | 126-8984 |
| | Tactical | Spot to Flood | 185 | 1 × Battery Pack | 183 | Black | Aluminium | 127-0170 |
| | Tactical | Spot to Flood | 250 | 3 × AAA | 121 | Black | Stainless Steel | 127-0167 |

| Brand | Type | Beam Type | Lumens | Battery Type | Range (m) | Colour | Material | RS Stock No. |
|-----------------------------------------------------------------|---------------|---------------|---------|------------------|-----------|-----------|-----------------|--------------|
| COAST <small>LIGHTS - BATTERIES - MULTI-TOOLS</small> | Tactical | Spot to Flood | 300 | 1 × Battery Pack | 352 | Black | Aluminium | 126-9352 |
| | Tactical | Spot to Flood | 300 | 4 × AAA | 194 | Black | Stainless Steel | 127-0168 |
| | Tactical | Spot to Flood | 410 | 4 × AAA | 229 | Black | Aluminium | 127-0165 |
| | Tactical | Spot to Flood | 620 | 4 × AA | 234 | Black | Stainless Steel | 127-0169 |
| | Tactical | Spot to Flood | 725 | 1 × Battery Pack | 208 | Silver | Stainless Steel | 127-0171 |
| | Tactical | Spot to Flood | 1132 | 4 × D | 683 | Black | Aluminium | 127-0166 |
| FACOM | Straight | Flood | 36 | 3 × AAA | 1 | Red | Plastic | 742-8414 |
| | Straight | Spot | 110 | 2 × AAA | 48 | Black | Aluminium | 914-4137 |
| | Straight | Spot to Flood | 309 | 4 × AAA | 48 | Black | Aluminium | 914-4124 |
| | Straight | Spot to Flood | 814 | 1 × Battery Pack | 185 | Black | Aluminium | 914-4128 |
| | Straight | Ultra-violet | 410 | 3 × AAA | 50 | Black | Aluminium | 914-4143 |
| LEDLENSER | Straight | Flood | 15 | 4 × Coin Cell | 33 | Black | Aluminium | 827-6438 |
| | Straight | Flood | 25 | 4 × Coin Cell | 20 | Black | Aluminium | 827-6460 |
| | Straight | Flood | 200 | 2 × AA | 120 | White | Aluminium | 827-6463 |
| | Straight | Flood | 240 | 3 × AAA | 180 | Black | Aluminium | 865-9815 |
| | Straight | Flood | 320 | 4 × AAA | 260 | Black | Aluminium | 827-6441 |
| | Straight | Flood | 1600 | 4 × D | 800 | Black | Aluminium | 827-6485 |
| | Straight | Focused | 3000 | 3 × Li-ion | 540 | Black | Aluminium | 173-2209 |
| | Straight | Spot | 280 | 3 × AAA | 220 | Black | Aluminium | 853-1745 |
| | Straight | Spot | 320 | 4 × AAA | 260 | Black | Aluminium | 808-7709 |
| | Straight | Spot to Flood | 16 | 1 × AAA | 25 | Black | Aluminium | 827-6435 |
| | Straight | Spot to Flood | 105 | 3 × AAA | 170 | Black | Aluminium | 890-2954 |
| | Straight | Spot to Flood | 115 | 3 × AAA | 225 | Black | Aluminium | 827-6422 |
| | Straight | Spot to Flood | 220 | 4 × AAA | 180 | Black | Aluminium | 890-2932 |
| | Straight | Spot to Flood | 220 | 4 × AAA | 180 | Black | Aluminium | 890-2935 |
| | Straight | Spot to Flood | 220 | 8 × AAA | 180 | Black | Aluminium | 890-2939 |
| | Straight | Spot to Flood | 250 | 4 × AA | 230 | Black | Aluminium | 797-3416 |
| Straight | Spot to Flood | 320 | 4 × AAA | 260 | Black | Aluminium | 792-4234 | |

| Brand | Type | Beam Type | Lumens | Battery Type | Range (m) | Colour | Material | RS Stock No. |
|------------------|----------------|---------------|---------------|------------------|-----------|-----------|-----------|--------------|
| LEDLENSER | Straight | Spot to Flood | 320 | 4 × AAA | 260 | Black | Aluminium | 827-6472 |
| | Straight | Spot to Flood | 400 | 3 × D | 300 | Black | Aluminium | 797-3419 |
| | Straight | Spot to Flood | 400 | 1 × Battery Pack | 280 | Black | Aluminium | 805-2251 |
| | Straight | Spot to Flood | 400 | 1 × C | 260 | Black | Aluminium | 890-2941 |
| | Straight | Spot to Flood | 400 | 1 × Battery Pack | 260 | Black | Aluminium | 890-2945 |
| | Straight | Spot to Flood | 400 | 2 × C | 260 | Black | Aluminium | 890-2948 |
| | Straight | Spot to Flood | 420 | 1 × Battery Pack | 240 | Black | Aluminium | 797-3407 |
| | Straight | Spot to Flood | 600 | 1 × Battery Pack | 235 | Black | Aluminium | 827-6491 |
| | Straight | Spot to Flood | 850 | 2 × Battery Pack | 450 | Black | Aluminium | 775-8119 |
| | Straight | Spot to Flood | 3200 | 1 × Battery Pack | 700 | Black | Aluminium | 827-6482 |
| | MAGLITE | Straight | Spot to Flood | 2 | 1 × AAA | | Black | Aluminium |
| Straight | | Spot to Flood | 2 | 1 × AAA | 20 | Black | Aluminium | 333-640 |
| Straight | | Spot to Flood | 9 | 2 × AAA | 31 | Black | Aluminium | 333-628 |
| Straight | | Spot to Flood | 9 | 2 × AAA | 31 | Black | Aluminium | 298-3799 |
| Straight | | Spot to Flood | 14 | 2 × AA | 96 | Silver | Aluminium | 174-145 |
| Straight | | Spot to Flood | 14 | 2 × AA | 96 | Black | Aluminium | 333-684 |
| Straight | | Spot to Flood | 19 | 2 × D | 229 | Black | Aluminium | 174-189 |
| Straight | | Spot to Flood | 37 | 1 × AAA | 61 | Red | Aluminium | 899-8390 |
| Straight | | Spot to Flood | 37 | 1 × AAA | 61 | Black | Aluminium | 899-8396 |
| Straight | | Spot to Flood | 37 | 1 × AAA | 61 | Grey | Aluminium | 899-8400 |
| Straight | | Spot to Flood | 37 | 1 × AAA | 61 | Blue | Aluminium | 899-8403 |
| Straight | | Spot to Flood | 37 | 1 × AAA | 55 | Black | Aluminium | 778-5199 |
| Straight | | Spot to Flood | 77 | 2 × AA | 141 | Black | Aluminium | 104-496 |
| Straight | | Spot to Flood | 84 | 2 × AAA | 31 | Black | Aluminium | 778-5193 |
| Straight | | Spot to Flood | 87 | 2 × AAA | 116 | Black | Aluminium | 899-8407 |
| Straight | | Spot to Flood | 104 | 3 × AAA | 145 | Black | Aluminium | 729-9939 |
| Straight | | Spot to Flood | 172 | 3 × AAA | 138 | Black | Aluminium | 872-4877 |
| Straight | Spot to Flood | 172 | 3 × AAA | 138 | Black | Aluminium | 899-8444 | |

| Brand | Type | Beam Type | Lumens | Battery Type | Range (m) | Colour | Material | RS Stock No. |
|-----------|------------|-----------------------|-------------------------------|------------------|-----------|------------|-----------|--------------|
| | Straight | Spot to Flood | 226 | 2 x AA | 140 | Black | Aluminium | 899-8422 |
| | Straight | Spot to Flood | 245 | 2 x AA | 150 | Black | Aluminium | 899-8425 |
| | Straight | Spot to Flood | 310 | 2 x CR123 | 182 | Black | Aluminium | 899-8447 |
| | Straight | Spot to Flood | 320 | 2 x CR123 | 193 | Black | Aluminium | 778-5206 |
| | Straight | Spot to Flood | 625 | 3 x D | 406 | Black | Aluminium | 899-8438 |
| | Straight | Spot to Flood | 680 | 1 x Battery Pack | | Black | Aluminium | 872-4870 |
| Mouret Sa | Straight | Spot | 15 | 3 x AAA | | Black | Aluminium | 313-791 |
| | Inspection | Spot to Flood | | 1 x Battery Pack | | Black | Plastic | 479-623 |
| | Straight | Spot | 120 | 1 x AA | 100 | Black | Aluminium | 907-6429 |
| | Straight | Spot | 160 | 1 x Battery Pack | 50 | Black | Aluminium | 907-6435 |
| | Straight | Spot | 280 | 3 x AAA | 250 | Black | Aluminium | 907-6438 |
| | Straight | Spot | 620 | 1 x Li-Ion | 175 | Brown/Blue | Aluminium | 173-0798 |
| | Straight | Spot to Flood | 480 | 4 x AAA | 400 | Black | Aluminium | 826-8645 |
| | Straight | Spot to Flood, Strobe | 180 | 1 x Battery Pack | | Black | Plastic | 787-7450 |
| | Straight | Ultra-violet | | 2 x CR123A | | Black | Aluminium | 782-3960 |
| | Straight | Wide | 3500 | 1 x Li-Ion | 700 | Black | Aluminium | 173-0799 |
| | Tactical | Spot | 1000 | 1 x Li-Ion | 600 | Black | Aluminium | 173-0797 |
| | | Straight | Downcast, Flashing, High, Low | 159 | 2 x AA | 149 | Black | Aluminium |
| Straight | | N/A | 137 | 4 x N/A | 234 | Orange | Plastic | 774-8131 |
| Straight | | Spot | 11 | 2 x AAA | 45 | Black | Plastic | 769-3814 |
| Straight | | Spot | 12 | 4 x Coin Cell | 17 | Black | Plastic | 810-3132 |
| Straight | | Spot | 16 | 4 x Coin Cell | 23 | Red | Aluminium | 904-8115 |
| Straight | | Spot | 25 | 4 x AA | 125 | Silver | Plastic | 282-8715 |
| Straight | | Spot | 106 | 2 x AA | 158 | Black | Aluminium | 810-3126 |
| Straight | | Spot | 126 | 4 x AA | 161 | Grey | Plastic | 914-5001 |
| Straight | | Spot | 126 | 4 x AA | 161 | Yellow | Plastic | 914-5004 |

| Brand | Type | Beam Type | Lumens | Battery Type | Range (m) | Colour | Material | RS Stock No. |
|-------|----------|---------------|--------|------------------|-----------|--------|-----------|--------------|
| | Straight | Spot | 8 | 3 x Coin Cell | | Black | Plastic | 531-4843 |
| | Straight | Spot | 80 | 2 x AA | | Black | Aluminium | 679-6022 |
| | Straight | Spot | 120 | 3 x AAA | | Black | Aluminium | 679-6013 |
| | Straight | Spot | 70 | 1 x Li-ion | | Black | Aluminium | 679-6029 |
| | Straight | Spot | 135 | 3 x D | | Black | Aluminium | 679-6019 |
| | Straight | Spot | 75 | 1 x AAA | 30 | Black | Aluminium | 874-9328 |
| | Straight | Spot | 275 | 4 x AA | 170 | Yellow | Plastic | 739-3144 |
| | Straight | Spot | 300 | 4 x AA | 135 | Black | Rubber | 801-1339 |
| | Straight | Spot | 350 | 1 x Battery Pack | 175 | Black | Aluminium | 881-3955 |
| | Straight | Spot to Flood | 210 | 1 x Li-ion | 35 | Black | Aluminium | 146-4751 |
| | Straight | Spot to Flood | 375 | 2 x AA | 175 | Black | Aluminium | 146-4749 |
| | Straight | Spot to Flood | 450 | 4 x AAA | 285 | Black | Aluminium | 146-4750 |
| | Straight | Spot to Flood | 900 | 1 x AAA | 250 | Black | Aluminium | 874-9334 |
| | Tactical | Flood | 175 | 1 x AA | 155 | White | Aluminium | 801-1354 |
| | Tactical | Flood | 220 | 2 x AA | 128 | White | Aluminium | 801-1358 |
| | Tactical | Spot to Flood | 200 | 2 x AA | 136 | Black | Aluminium | 801-1367 |



Site Lighting

Site lights, or work lights, must withstand heavy use and the daily knocks of rough treatment. Good quality site lights allow safe working outdoors and can give clear illumination of work being carried out. Select your site lights carefully and choose what is the best solution for the task.

Our range of site lights offers a range of options and lamp types from single, freestanding task lights to string or festoon lamps IP rated for outdoor use. All are available from stock sourced from top manufacturers including our own RS Pro.

FACTORS TO CONSIDER



Type – Site lights are available in a range of types to suit different uses, from ground lights to tripod-mounted units to festoon kits. Consideration of the area you need the light to cover will help select the optimum light type.

Cost – We offer a range of lights to suit your budget. Consider the quality you need from a site light and whether it needs to have specific features for use in more than one area.

Portability – Consider how you will use your site light. Does it need to be easily transportable around the site? Pay regard to how you will store the light when not in use and whether it needs to be compact.

Durability – Construction of your site lights will determine how durable they are when faced with harsh,

outdoor treatment. You may prefer to opt for aluminium or steel construction instead of plastic.

IP Rating – Consider the environment you will be working in. Do you need equipment that is water resistant or splash proof?



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Plasterers Lights

| Brand | Image | Type | Lumen (lm/watt) | Wattage (W) | Voltage Rating (V) | Anti-corrosive | IP Rating | Colour Temp (K) | RS Stock No. |
|-------|-------|-------------------|-----------------|-------------|--------------------|----------------|-----------|-----------------|--------------|
| | | LED A Frame Stand | 100 | 20 | 100-277 | ✓ | IP65 | 6300 | 145-5916 |
| | | LED Tripod | 100 | 20 | 100-277 | ✓ | IP65 | 6300 | 145-5917 |
| | | LED Tripod | 84 | 30 | 100-277 | ✓ | IP65 | 6300 | 145-5918 |



Work Lights

| Brand | Image | Type | Lumen (lm/watt) | Wattage (W) | Voltage Rating (V) | Anti-corrosive | IP Rating | Colour Temp (K) | RS Stock No. |
|-------|-------|-------------------------|-----------------|-------------|--------------------|----------------|-----------|-----------------|--------------|
| | | LED Portable Site Light | 75 | 8 | 240 | ✓ | IP54 | 5500 | 171-7021 |
| | | LED Portable Site Light | 2 x 75 | 2 x 8 | 240 | ✓ | IP54 | 5500 | 171-7022 |
| | | LED Portable Site Light | 750 | 10 | 4.2 | ✗ | IP44 | 6500 | 176-6033 |
| | | LED Portable Site Light | 1000 | 10 | 100 - 240 | ✓ | IP65 | 6000 | 122-8897 |
| | | LED Portable Site Light | 2000 | 20 | 110 | ✓ | IP44 | 6400 | 176-8532 |
| | | LED Portable Site Light | 2000 | 24 | 110 | ✓ | IP44 | 6000 | 842-8162 |
| | | LED Portable Site Light | 2300 | 30 | 100 - 240 | ✓ | IP44 | 6000 | 122-8899 |
| | | LED Portable Site Light | - | 38 | 110 | ✓ | IP44 | 6400 | 670-2759 |
| | | LED Portable Site Light | - | 38 | 230 | ✓ | IP44 | 6400 | 670-2755 |
| | | LED Portable Site Light | 4500 | 2 x 30 | 100 - 240 | ✓ | IP44 | 6000 | 122-8902 |
| | | LED Portable Site Light | 4500 | 60 | 100 - 240 | ✓ | IP44 | 6000 | 122-8900 |
| | | LED Portable Site Light | 3000 | 30 | 7.4 | ✗ | IP44 | 6500 | 122-3117 |