


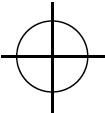
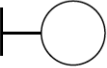
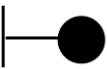
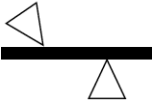






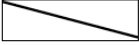
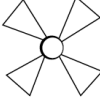


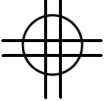











LIGHTING SYMBOLS (US)


	<p>Recessed Downlights</p> <p>Symbol is used to indicate a recessed downlight and is to be drawn as a small circle. Same symbol for fixed and adjustable types. Symbol size is small.</p>
	<p>Surface Mounted Downlights</p> <p>Symbol is used to indicate a surface mounted downlight and is to be drawn as a small circle. Same symbol for fixed and adjustable types. Symbol size is small.</p>
	<p>Ceiling Mounted Fixture (Surface Mount, CTC, Flush Mount, Oyster Light)</p> <p>Symbol is used for any ceiling mounted fixture and is to be drawn bigger than the downlight symbol to the same size as a pendant.</p>
	<p>Suspended Pendant (Includes Chandelier)</p> <p>Symbol is used to indicate any suspended pendant or chandelier. If a group of pendants are to be clustered, a symbol is to be used for each of the pendants. The symbol is drawn larger than a downlight symbol and the same size as ceiling mounted fixture.</p>
	<p>Wall Mounted Fixture (Eye Level)</p> <p>Symbol is used to indicate any fixture that is attached to the wall around eye level. Symbol size is the same as a downlight.</p>
	<p>Wall Mounted Stair Lights (Knee Height)</p> <p>Symbol is used to indicate any fixture that is attached to the wall along a staircase, hallway or passageway and is installed around knee height. Symbol size is smaller than wall mount fixture.</p>
	<p>Track Lighting</p> <p>The track is drawn as a line and is to the intended length of the track to be installed. Track heads position and quantity are indicated by using a single flood symbol.</p>
	<p>Bar Spot (2)</p> <p>The length of a bar spot is fixed and the symbol shows a short line with circles. The number of circles (2) indicate the quantity of the spotlights.</p>
	<p>Bar Spot (3)</p> <p>The length of a bar spot is fixed and the symbol shows a short line with circles. The number of circles (3) indicate the quantity of the spotlights.</p>
	<p>Bar Spot (4)</p> <p>The length of a bar spot is fixed and the symbol shows a short line with circles. The number of circles (4) indicate the quantity of the spotlights.</p>

	<p>Single Spotlight (Indoors) also used for a Floodlight (Outdoors)</p> <p>Symbol is used to indicate a ceiling or wall mounted spotlight and the direction of the triangle indicates the lighting position.</p>
	<p>Double Spotlight also used for a Twin Floodlight (Outdoors)</p> <p>Symbol is used to indicate a ceiling or wall mounted spotlight and the direction of the triangle indicates the lighting position. If there is a sensor integrated with the light, add a letter "S" to the fixture.</p>
	<p>LED Strip Lighting</p> <p>LED strip lighting is drawn as a thick dashed line and the length of the line indicates the length of the LED strip.</p>
	<p>Panel Light (Fluorescent or LED)</p> <p>Panel lights are a popular choice for the garage or workshop and available in surface mount or recess varieties. If the panel is to be recessed, add the word "Recessed" to the symbol.</p>
	<p>Ceiling Fan and Light</p> <p>Ceiling fans are larger than other lights and the symbol will need to be drawn larger to reflect this. Ceiling fan and light to have a white centre to indicate the light.</p>
	<p>Ceiling Fan (No Light)</p> <p>Ceiling fans are larger than other lights and the symbol will need to be drawn larger to reflect this. Ceiling fan and light to have a solid centre to indicate fan only.</p>





ELECTRICAL SYMBOLS (US)

	<p>Duplex Receptacle</p> <p>The symbol indicates that a power outlet is to be installed and the number power outlets on the same plate (receptacle) as shown by the lines in the symbol. For the Single there is one line indicating one outlet.</p>
	<p>Quadruple Receptacle</p> <p>The Quadruple Receptacle indicates there are four power outlets on the single plate (Receptacle). For the Quadruple symbol, there are four lines indicating the four outlets.</p>
	<p>240v (or 220v) Outlet</p> <p>Symbol used to indicate outlet used for 220v or 240v equipment, such as an electric clothes dryer or kitchen range.</p>
	<p>GFCI Duplex</p> <p>The GFI or GFCI symbol describes a Ground Fault Circuit Interrupter protected outlet. The GFCI outlets are found in areas such as the kitchen and bathroom.</p>
	<p>Data</p> <p>Mark the position of the data point on to the wall that you intend to install it on.</p>
	<p>Television Outlet</p> <p>Mark the position of the television outlet on to the wall that you intend to install it on.</p>
	<p>Telephone</p> <p>Mark the position of the telephone on to the wall that you intend to install it on.</p>
	<p>Smoke Detector</p> <p>Mark the position of the smoke detector on to the ceiling that you intend to install it on. These items are permanently switched on and do not require a wiring circuit to be shown on the plan.</p>
	<p>Exhaust Fan</p> <p>Mark the position of a single exhaust fan onto the ceiling that you intend to install it on.</p>
	<p>Exhaust Fan, Heat and Light (Combination Unit)</p> <p>If you intend to use an exhaust fan and light or exhaust, heat and light unit, indicate this by adding a square around the symbol.</p>
	<p>Weatherproof Outlet</p> <p>A type of electrical outlet that is designed for installation outside the home. Outlets of this kind are often installed on the exterior of homes, garages, or storage buildings.</p>

WIRING SYMBOLS (US)

	<p>Wiring (Lighting Circuit)</p> <p>A loose line is drawn in red pen that is used to indicate how the fixtures connect to each other and to the switching point on the wall.</p>
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LIGHT SWITCH SYMBOLS (US)

	<p>Single Switch</p> <p>Each lighting circuit will need to have a switch point on the wall to operate it. We indicate the number of switches on the same plate by using a symbol.</p> <p>This symbol shows that a single lighting circuit will have 1x switch point and the switching plate attached to the wall will have 1x switch only.</p> <p><u>Notes:</u></p> <p><i>A ceiling fan requires a separate circuit to the other lights and therefore will need to have a separate switch to operate it. In this instance, this symbol is to be used for the ceiling fan switch. If a light circuit is to be dimmed, a separate switch plate is required, and a different symbol is to be used (see below).</i></p>
	<p>Double Switch</p> <p>Two separate lighting circuits will need two separate switches to operate them. This symbol indicates that there are two switches on the same lighting plate attached to the wall.</p>
	<p>3-Way Switch</p> <p>Three-way switches are commonly used to control a light fixture from two different locations. For example, a long hallway or stairway might use a pair of three-way switches at each end so that lights can be turned on when approaching one end of the hall or stairway, then shut off from the other end.</p>
	<p>Dimmer Switch</p> <p>Dimmers are devices connected to a light fixture and used to lower the brightness of light.</p>