

## AR111 Down Light 8w

12v AR111 Down Light 8w Cool & Warm White

Product Codes	AR111-8w7cw AR111-8w7ww
Power (watts)	8
Operating voltage	12v AC
Lamp cap	AR111
Expected Life (hours)	50000
Light output (lumens)	560 (cw) / 500 (ww)
Colour temperature	6000k Cool White 2900k Warm White
Colour rendering index	68-75
Beam angle (degrees)	30-120
Dimmer Compatible	opt
Replaces : Incandescent	75 w
Replaces : Halogen	70 w
Replaces : CFL	N/A
Recommended Retail	R 521



This is a high quality LED bulb that replaces a 12v incandencent, halogen or metal halide downlight and uses up to 10 times less electricity than it's retrofit alternative.

The warm white option of this bulb closely replicates the light of a 70w halogen whereas the cool white more closely resembles Metal Halide.

This bulb uses seven high power Epistar LED chips and interchangeable lenses to give a beam angle of your choice.

The life expectancy of this globe is 50000hours with a calculated light degradation of less than 20% over this period.

## AR111 Downlight 16w

12v AR111 Down Light 16w Cool & Warm White

Product Codes	AR111-16w14cw AR111-16w14ww
Power (watts)	16
Operating voltage	12v AC
Lamp cap	AR111
Expected Life (hours)	50000
Light output (lumens)	1100 (cw) / 1000 (ww)
Colour temperature	6000k Cool White 2900k Warm White
Colour rendering index	68-75
Beam angle (degrees)	30-120
Dimmer Compatible	opt
Replaces : Incandescent	150 w
Replaces : Halogen	120 w
Replaces : CFL	N/A
Recommended Retail	R 821



This is a high quality LED bulb that replaces a 12v incandescent or halogen downlight and uses up to 10 times less electricity than its retrofit alternative.

The warm white option of this bulb closely replicates the light of a 120w halogen whereas the cool white more closely resembles Metal Halide.

This bulb uses 14 high power Epistar LED chips and interchangeable lenses to give a beam angle of your choice.

The life expectancy of this globe is 50000hours with a calculated light degradation of less than 20% over this period.

## GU10 Down Light 3w Silver Edition

3w 230v LED GU10 Downlighter that replaces a 30W Halogen

Product Codes	GU10s-3w3cw GU10s-3w3ww
Power (watts)	3.2
Operating voltage	80-270v
Lamp cap	GU10
Expected Life (hours)	25000
Light output (lumens)	195 (cw) / 180 (ww)
Colour temperature	6000k Cool White 2900k Warm White
Colour rendering index	70
Beam angle (degrees)	30
Dimmer Compatible	Non-dimmable
Replaces : Incandescent	N/A
Replaces : Halogen	30 w
Replaces : CFL	N/A
Recommended Retail	R 75



This is a high quality LED GU10 down light that replaces a 230v , halogen light and uses up to 10 times less electricity than it's retrofit alternative.

The warm white option of this bulb closely replicates the light of a 30w halogen whereas the cool white more closely resembles natural daylight.

This bulb uses three high power Epiled LED chips and a single lens to give a concentrated light through it's 30 degree beam angle.

The life expectancy of this globe is 25000 hours with a calculated light degradation of less than 20% over this period.

## GU10 Down Light 3w Multi-Colour Dimmable

3w 230v LED GU10 RGB Downlighter that replaces a 25W Halogen

Product Codes	GU10s-3w1RGBD
Power (watts)	3
Operating voltage	80-270v
Lamp cap	GU10
Expected Life (hours)	25000
Light output (lumens)	90
Colour temperature	800-10000k Multi-Colour
Colour rendering index	N/A
Beam angle (degrees)	30
Dimmer Compatible	Dimmable
Replaces : Incandescent	N/A
Replaces : Halogen	25 w
Replaces : CFL	N/A
Recommended Retail	R 286



This is a high quality GU10 LED down light that replaces a 230v incandencent or halogen coloured spot light and uses up to 10 times less electricity than it's retrofit alternative. It has 4 dimming settings. The globe is multi-select colour, so it can replace sixteen colours of their retrofit alternatives. It includes a remote control which is used to set a fixed colour or set various colour sequenced options. This bulb uses one high power Epistar RGB LED chip and a single lens to give a concentrated light from it's 30 degree beam angle. The light is blended by the chip to for colours beyond primary and secondary colours. One remote can operate multiple globes simultaneously or individually. The life expectancy of this globe is 25000 hours with a calculated light degradation of less than 20% over this period.

## GU10 Down Light 4w

4w 230v LED GU10 Downlighter that replaces a 35W Halogen

Product Codes	GU10-4w3cw GU10-4w3ww
Power (watts)	3.9
Operating voltage	80-270v
Lamp cap	GU10
Expected Life (hours)	50000
Light output (lumens)	290 (cw) / 275 (ww)
Colour temperature	6000k Cool White 2900k Warm White
Colour rendering index	75
Beam angle (degrees)	60
Dimmer Compatible	Non-dimmable
: Incandescent	N/A
Replaces : Halogen	35 w
: CFL	11 w
Recommended Retail	R 107



This is a high quality LED GU10 down light that replaces a 230v halogen light and uses up to 10 times less electricity than it's retrofit alternative.

The warm white option of this bulb closely replicates the light of a 35w halogen whereas the cool white more closely replicates a 11w CFL downlight.

This bulb uses three high power Bridgelux LED chips and a single lens to give an even light spread throughout it's 60 degree beam angle.

The life expectancy of this globe is 50000 hours with a calculated light degradation of less than 15% over this period.

## GU10 Down Light 4w Wide Beam 120°

4w 230v LED GU10 Downlighter that replaces a 35W Halogen

Product Codes	GU10-4w20cw
	GU10-4w20ww
Power (watts)	4
Operating voltage	80-270v
Lamp cap	GU10
Expected Life (hours)	30000
Light output (lumens)	270 (cw) / 240 (ww)
Colour temperature	6000k Cool White
	2900k Warm White
Colour rendering index	75
Beam angle (degrees)	120
Dimmer Compatible	Non-dimmable
Replaces : Incandescent	N/A
Replaces : Halogen	35 w
Replaces : CFL	11 w
Recommended Retail	R 116



This is a high quality LED GU10 down light that replaces a 230v halogen light and uses up to 10 times less electricity than it's retrofit alternative.

The warm white option of this bulb closely replicates the light of a 35w halogen whereas the cool white more closely resembles natural daylight as produced by a 11w CFL.

This bulb uses 20x 5050 SMD LED chips and a frosted lens to give an full light spread throughout it's 120° beam angle making it suitable for broad coverage (wide beam) and low height applications.

The life expectancy of this globe is 50000 hours with a calculated light degradation of less than 20% over this period.

## GU10 Down Light 5w Dimmable

5w 230v LED GU10 Dimmable Downlighter that replaces a 35W Halogen

Product Codes	GU10-5w5cwD GU10-5w5wwD
Power (watts)	4.8
Operating voltage	80-270v
Lamp cap	GU10
Expected Life (hours)	50000
Light output (lumens)	300 (cw) / 275 (ww)
Colour temperature	6000k Cool White 2900k Warm White
Colour rendering index	75
Beam angle (degrees)	60
Dimmer Compatible	Dimmable
Replaces : Incandescent	N/A
Replaces : Halogen	35 w
Replaces : CFL	11 w
Recommended Retail	R 141



This is a high quality LED GU10 down light that replaces a 230v halogen light and uses up to 10 times less electricity than it's retrofit alternative.

The warm white option of this bulb closely replicates the light of a 35w halogen whereas the cool white more closely resembles natural daylight produced by a 9w CFL.

This bulb uses three high power Bridgelux LED chips and three lenses to give a reasonably even light spread throughout it's 60 degree beam angle.

The life expectancy of this globe is 50000 hours with a calculated light degradation of less than 15% over this period.

## GU10 Down Light 6w

6w 230v LED GU10 Downlighter that replaces a 50W Halogen

Product Codes	GU10-6w3cw GU10-6w3ww
Power (watts)	6.4
Operating voltage	80-270v
Lamp cap	GU10
Expected Life (hours)	50000
Light output (lumens)	345 (cw) / 334 (ww)
Colour temperature	6000k Cool White 2900k Warm White
Colour rendering index	75
Beam angle (degrees)	60
Dimmer Compatible	Non-dimmable
Replaces : Incandescent	N/A
Replaces : Halogen	50 w
Replaces : CFL	N/A
Recommended Retail	R 151



This is a high quality LED GU10 down light that replaces a 230v halogen light and uses up to 9 times less electricity than it's retrofit alternative.

The warm white option of this bulb closely replicates the light of a 50w halogen whereas the cool white more closely resembles natural daylight. This is an excellent downlight for ceilings up to 3m high.

This bulb uses three high power Bridgelux LED chips and a lens diffuser to give a very even light spread throughout it's 60° beam angle.

The life expectancy of this globe is 50000 hours with a calculated light degradation of less than 15% over this period.

## GU10 Down Light 6w Dimmable

6w 230v LED GU10 Downlighter that replaces a 50W Halogen

Product Codes	GU10-6w3cwD GU10-6w3wwD
Power (watts)	6.4
Operating voltage	80-270v
Lamp cap	GU10
Expected Life (hours)	50000
Light output (lumens)	345 (cw) / 334 (ww)
Colour temperature	6000k Cool White 2900k Warm White
Colour rendering index	75
Beam angle (degrees)	60
Dimmer Compatible	Dimmable
Replaces : Incandescent	N/A
Replaces : Halogen	50 w
Replaces : CFL	N/A
Recommended Retail	R 190



This is a high quality LED GU10 down light that replaces a 230v halogen down light and uses up to 9 times less electricity than it's retrofit alternative.

The warm white option of this bulb closely replicates the light of a 50w halogen whereas the cool white more closely resembles natural daylight. This is an excellent all round dimmable wide angle downlight.

This bulb uses three high power Bridgelux LED chips and a lens diffuser to give a very even light spread throughout it's 60° beam angle. It thus has great floor coverage and little spotting.

The life expectancy of this globe is 50000 hours with a calculated light degradation of less than 15% over this period.

## GU10 Down Light 9w

9w 230v LED GU10 Downlighter that replaces a 60W Halogen

Product Codes	GU10-9w3cw
	GU10-9w3ww
Power (watts)	8.8
Operating voltage	80-270v
Lamp cap	GU10
Expected Life (hours)	50000
Light output (lumens)	490 (cw) / 475 (ww)
Colour temperature	6000k Cool White
	2900k Warm White
Colour rendering index	75
Beam angle (degrees)	60
Dimmer Compatible	Non-dimmable
Replaces : Incandescent	N/A
Replaces : Halogen	60 w
Replaces : CFL	N/A
Recommended Retail	R 201



This is a high quality LED GU10 down light that replaces a 230v halogen and uses up to 6 times less electricity than it's retrofit alternative. No transformer is required.

The warm white option of this bulb closely replicates the light of a 60w halogen whereas the cool white more closely resembles natural daylight.

This bulb uses three high power Bridgelux LED chips and a single lens to give an even light spread throughout it's 60 degree beam angle. It is suitable for areas requiring a non-dimmable bright light or have higher than average ceilings.

The life expectancy of this globe is 50000 hours with a calculated light degradation of less than 15% over this period.

## GU10 Down Light 9w Dimmable

9w 230v LED GU10 Dimmable Downlighter that replaces a 60W Halogen

Product Codes	GU10-9w3cwD GU10-9w3wwD
Power (watts)	8.8
Operating voltage	80-270v
Lamp cap	GU10
Expected Life (hours)	50000
Light output (lumens)	490 (cw) / 475 (ww)
Colour temperature	6000k Cool White 2900k Warm White
Colour rendering index	75
Beam angle (degrees)	60
Dimmer Compatible	Dimmable
Replaces : Incandescent	N/A
Replaces : Halogen	60 w
Replaces : CFL	N/A
Recommended Retail	R 232



This is a high quality GU10 LED down light that replaces a 230v halogen (dichroic) light and uses up to 6 times less electricity than it's retrofit alternative. No transformer required.

The warm white option of this bulb closely replicates the light of a 60w halogen whereas the cool white more closely resembles natural daylight.

This bulb uses three high power Bridgelux LED chips and a single lens to give an even light spread throughout it's 60 degree beam angle. It is suitable for areas requiring a full-range dimmable bright light or have higher than average ceilings.

The life expectancy of this globe is 50000 hours with a calculated light degradation of less than 15% over this period.

## MR16 Down Light 3w Silver Edition

3w 12v LED MR16 Dimmable Downlighter that replaces a 30W Halogen

Product Codes	MR16s-3w3cwD MR16s-3w3wwD
Power (watts)	3
Operating voltage	12v AC/DC
Lamp cap	GU5.3
Expected Life (hours)	25000
Light output (lumens)	200 (cw) / 180 (ww)
Colour temperature	6000k Cool White 2900k Warm White
Colour rendering index	70
Beam angle (degrees)	30
Dimmer Compatible	Dimmable
Replaces : Incandescent	N/A
Replaces : Halogen	30 w
Replaces : CFL	N/A
Recommended Retail	R 76



This is a high quality LED MR16 down light that replaces a 12v halogen light and uses up to 10 times less electricity than it's retrofit alternative.

The warm white option of this bulb closely replicates the light of a 30w halogen whereas the cool white more closely resembles natural daylight.

This bulb uses three high power Epiled LED chips and a single lens to give a concentrated light through it's 30 degree beam angle. This globe requires a torroidal or LED compatible transformer when used on a 230v circuit.

The life expectancy of this globe is 25000 hours with a calculated light degradation of less than 20% over this period.

## MR16 Down Light 3w Multi-Colour Dimmable

3w 12v LED MR16 Multi-colour Downlighter that replaces a 25W Halogen

Product Code	MR16s-3w1RGBD
Power (watts)	3
Operating voltage	12v AC/DC
Lamp cap	GU5.3
Expected Life (hours)	25000
Light output (lumens)	90
Colour temperature	800-10000k Multi-Colour
Colour rendering index	N/A
Beam angle (degrees)	30
Dimmer Compatible	Dimmable
Replaces : Incandescent	N/A
Replaces : Halogen	25 w
Replaces : CFL	N/A
Recommended Retail	R 286



This is a high quality MR16 LED down light that replaces a 12v incandescent or halogen coloured spot light and uses up to 10 times less electricity than its retrofit alternative. It has 4 dimming settings.

The globe is multi-select colour, so it can replace sixteen colours of their retrofit alternatives. It includes a remote control which is used to set a fixed colour or set various colour sequenced options.

This bulb uses one high power Epistar RGB LED chip and a single lens to give a concentrated light from its 30 degree beam angle. The light is blended by the chip to form colours beyond primary and secondary colours. One remote can operate multiple globes simultaneously or individually.

The life expectancy of this globe is 25000 hours with a calculated light degradation of less than 20% over this period.

## MR16 Down Light 3w

3w 12v LED MR16 Dimmable Downlighter that replaces a 35W Halogen

Product Codes	MR16-3w3cwD MR16-3w3wwD
Power (watts)	3.4
Operating voltage	12v AC/DC
Lamp cap	GU5.3
Expected Life (hours)	50000
Light output (lumens)	330 (cw) / 290 (ww)
Colour temperature	6000k Cool White 2900k Warm White
Colour rendering index	75
Beam angle (degrees)	60
Dimmer Compatible	Dimmable
Replaces : Incandescent	N/A
Replaces : Halogen	35 w
Replaces : CFL	N/A
Recommended Retail	R 106



This is a high quality LED MR16 Downlighter that replaces a 12v halogen light and uses up to 10 times less electricity than it's retrofit alternative.

The warm white option of this bulb closely replicates the light of a 35w halogen whereas the cool white more closely resembles natural daylight.

This bulb uses three high power Bridgelux LED chips and a single lens to give an even light spread throughout it's 60 degree beam angle. This globe requires a torroidal or LED compatible transformer when used on a 230v circuit.

The life expectancy of this globe is 50000 hours with a calculated light degradation of less than 20% over this period.

## MR16 Down Light 6w

6w 12v LED Downlight that replaces a 50w halogen

Product Codes	MR16-6w3cwD MR16-6w3wwD
Power (watts)	6.2
Operating voltage	12v AC/DC
Lamp cap	GU5.3
Expected Life (hours)	50000
Light output (lumens)	450 (cw) / 400 (ww)
Colour temperature	6000k Cool White 2900k Warm White
Colour rendering index	75
Beam angle (degrees)	60
Dimmer Compatible	Dimmable
Replaces : Incandescent	N/A
Replaces : Halogen	50 w
Replaces : CFL	N/A
Recommended Retail	R 142



This is a high quality LED bulb that replaces a 12v incandescent or halogen downlight and uses up to 9 times less electricity than its retrofit alternative.

The warm white option of this bulb closely replicates the light of a 50w halogen whereas the cool white more closely resembles natural daylight.

This bulb uses three high power American Bridgelux LED chips and a lens diffuser to give a very even light spread throughout its 60 degree beam angle. This globe requires a toroidal or LED compatible transformer when used on a 230v circuit.

The life expectancy of this globe is 50000hours with a calculated light degradation of less than 20% over this period.

## MR16 Down Light 9w

6w 12v LED Downlight that replaces a 50w halogen

Product Codes	MR16-9w3cwD MR16-9w3wwD
Power (watts)	9
Operating voltage	12v AC/DC
Lamp cap	GU5.3
Expected Life (hours)	50000
Light output (lumens)	450 (cw) / 500 (ww)
Colour temperature	6000k Cool White 2900k Warm White
Colour rendering index	75
Beam angle (degrees)	60
Dimmer Compatible	Dimmable
Replaces : Incandescent	N/A
Replaces : Halogen	50 w
Replaces : CFL	N/A
Recommended Retail	R 174



This is a high quality LED bulb that replaces a 12v , incandencent or halogen downlight and uses up to 10 times less electricity than it's retrofit alternative.

The warm white option of this bulb closely replicates the light of a 50w halogen whereas the cool white more closely resembles natural daylight.

This bulb uses three high power Bridgelux LED chips and a single lens to give an even light spread throughout it's 60 degree beam angle.

The life expectancy of this globe is 50000hours with a calculated light degradation of less than 20% over this period.