



LED The Brighter Choice



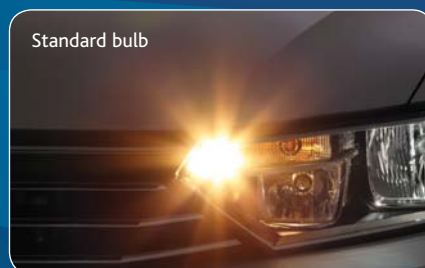
- Extensive range of LEDs, including new Filament Style LED bulbs
- Latest CANbus technology

Why LED?

LED technology has taken huge strides forward in recent years. An LED can now produce as much light, if not more, than a standard bulb, whilst using 80% less energy and lasting up to five times longer.

Ring continues to invest in LED technology to bring the next generation of lighting products to the market. Our latest LED range offers a higher light output, CANbus technology and 3D light distribution giving you a brighter, whiter light.

All our LEDs are robust and vibration resistant. We are so confident in the quality of our LEDs that we offer extended guarantees on our Filament, Premium and Performance ranges.



Standard LED

Standard LEDs for a range of applications.

- Available in a cool white (4000K), ice white (6000K) or cool blue (1200K)
- Direct replacement for existing bulbs



Filament Style LED

Latest technology in the LED industry. Filament LEDs create a uniform light output unlike any other LED on the market.

- Meets lumen output set by ECE Standards
- Available in white (3000K) or ice white (6000K)
- Designed to replace a standard bulb
- Long life with a three year guarantee
- Faster light up
- Optimised light output



Standard LED		Filament Style LED	
Longer Life Vibration Resistant	Colour temperature 	Longer Life Vibration Resistant Light Output	Colour temperature
	Light output Up to 80 lumens		Light output Up to 125 lumens



LED & Standard Bulb Comparison

	Standard Bulb	Standard LED	Filament LED	Premium LED	Performance LED
High lumen output	✗	✗	✗	✓	✓
Meets lumen output set by ECE Standards	✓	✗	✓	✗	✗
CANbus technology	✓	✗	C5W and W5W	C5W and W5W	W5W
Colour temperature	2500-3000K	4000-12000K	3000-6000K	6000K	7000K
Longer life	✗	✓	✓	✓	✓
Guarantee	✗	✗	3 Year	5 Year	6 Year
3D technology	✗	✗	✗	✗	✓
Vibration resistant	✗	✓	✓	✓	✓
Low power consumption	✗	✓	✓	✓	✓
Colour match for Xenon & HID	✗	✓	✓	✓	✓
12V version	✓	✓	✓	✓	✓
24V version	✓	✗	✗	✓	✗

Premium LED

Latest CANbus technology available.

- High lumen output
- Ice white 6000K colour temperature
- Long life, vibration resistant bulbs with a five year guarantee











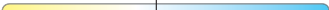



Performance LED

3D technology made with a flexible LED beading, simulating the shape of a standard bulb.

- High lumen output
- Ice white 7000K colour temperature
- Long life, vibration resistant bulbs with a six year guarantee



Premium LED		Performance LED	
<div><p>Longer Life</p></div> <div><p>Vibration Resistant</p></div> <div><p>Super Bright</p></div> <div><p>Light Output</p></div>	<p>Colour temperature</p> <div><p>Daylight</p><p>6000K</p></div> <div><p>Light output</p><div></div><p>Up to 600 lumens</p></div>	<div><p>Longer Life</p></div> <div><p>Vibration Resistant</p></div> <div><p>Super Bright</p></div> <div><p>270° Light Output</p></div>	<p>Colour temperature</p> <div><p>Daylight</p><p>7000K</p></div> <div><p>Light output</p><div></div><p>Up to 560 lumens</p></div>

12V Standard LEDs

Product Code	Bulb Ref	Bulb Type	Application	Colour Temp	Lumens	CANbus Technology*	Non-polarity sensitive	More Info
LED239B	239	C5W	Number Plate & Interior	-	5			Blue
LED239W	239	C5W	Number Plate & Interior	6000K	15			Ice White
LED239HPB	239	C5W	Number Plate & Interior	-	5			Blue
LED239HPW	239	C5W	Number Plate & Interior	6000K	80			Ice White
LED286B	286	T5	Side & Interior	-	5			Blue
LED3809R	380	P21/5W	Signalling	-	15		✓	Red
LED3829R	382	P21W	Signalling	-	15		✓	Red
LED501B	501	W5W	Side & Interior	-	5			Blue
LED501W	501	W5W	Side & Interior	6000K	5			Ice White
LED5014B	501	W5W	Side & Interior	-	10			Blue
LED5014W	501	W5W	Side & Interior	6000K	25			Ice White
LED501HPB	501	W5W	Side & Interior	-	5			Blue
LED501HPW	501	W5W	Side & Interior	6000K	45			Ice White
LED509TB	509T	B8.5D	Panel Bulb	-	30			Blue
RW2394LED	239	C5W	Number Plate & Interior	4000K	30		✓	Cool White
RW2396LED	239	C5W	Number Plate & Interior	6000K	35		✓	Ice White
RW23912LED	239	C5W	Number Plate & Interior	12000K	35		✓	Cool Blue
RW2646LED	264	10W	Number Plate & Interior	6000K	60		✓	Ice White
RW2696LED	269	10W	Number Plate & Interior	6000K	60		✓	Ice White
RW2726LED	272	10W	Number Plate & Interior	6000K	60		✓	Ice White
RW50112LED	501	W5W	Side & Interior	12000K	35		✓	Cool Blue
RW5014LED	501	W5W	Side & Interior	4000K	25		✓	Cool White
RW5016LED	501	W5W	Side & Interior	6000K	40		✓	Ice White
LED501RES	-	-	LED Resistor kit for W5W					

12V Filament Style LEDs

RW2336FSLED	233	T4W	Side & Tail	6000K	60		✓	Ice White
RW2396FSLED	239	C5W	Number Plate & Interior	6000K	45	✓		Ice White
RW5016FSLED	501	W5W	Side & Interior	6000K	60	✓	✓	Ice White
RW2073FSLED	207	R5W	Side & Tail	3000K	60		✓	White
RW2453FSLED	245	R10W	Side & Tail	3000K	125		✓	White

12V Premium LEDs

RW207LED	207/245	R5W/R10W	Signalling	6000K	400		✓	Ice White
RW239CBLED	239	C5W	Number Plate & Interior	6000K	200	✓	✓	Ice White
RW380LED	380	P21/5W	Signalling	6000K	510/150		✓	Ice White
RW382LED	382	P21W	Signalling	6000K	530		✓	Ice White
RW501CBLED	501	W5W	Side & Interior	6000K	220	✓	✓	Ice White
RW477FLED	477	H7	Fog Lamp Only	6000K	600		✓	Ice White
RW711FLED	711	H11	Fog Lamp Only	6000K	600		✓	Ice White

24V Premium LEDs

RB1496LED	149	R5W	Signalling	6000K	400		✓	Ice White
RB1506LED	150	R5W	Signalling	6000K	400		✓	Ice White
RB2416LED	241	P21W	Signalling	6000K	530		✓	Ice White
RB2426LED	242	C5W	Number Plate & Interior	6000K	200	✓	✓	Ice White
RB2496LED	249	T4W	Signalling	6000K	200		✓	Ice White
RB5076LED	507	W5W	Side & Interior	6000K	220	✓	✓	Ice White

12V Performance LEDs

RW380DLED	380	P21/5W	Signalling	7000K	300/100		✓	3D Technology & Ice White
RW382DLED	382	P21W	Signalling	7000K	560		✓	3D Technology & Ice White
RW501DLED	501	W5W	Side & Interior	7000K	200	✓	✓	3D Technology & Ice White

LEDs are for offroad or internal use only.

*CANbus compatible but may trigger bulb failure warnings, fitting resistor kit LED501RES can prevent this.



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