

redWOOD POWER SYSTEMS LIMITED

Redwood Power Systems was established to meet the needs of a growing demand to reduce energy costs. Initially the company sought to promote its services in two key areas: LED lighting and building management systems. Today the main thrust of its operations is providing lighting energy savings solutions using SMD technology, the latest advancement in LED lighting.



The Directors now see Redwood Power Systems as their way of assisting companies to reduce CO2 emissions and save energy and, as a result, impact on climate and environmental change. Redwood Power Systems sees creative innovation and speed to market, quality, consistency, and the building of long-term relationships with suppliers and clients alike as the key components to its business.



Highbay SMD Lighting

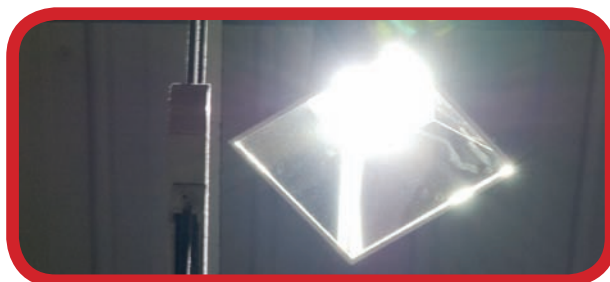
Using the latest SMD (LED) technology and the best quality components to maximise light output, Redwood Power Systems highbay lights provide an energy efficient and environmentally friendly alternative to metal halide or sodium lamps.

- Up to 75% Energy Savings
- Reduced Carbon Emissions
- Rapid Payback Achievable
- Can be switched by P.I.R.
- Instant Strike
- 2 year Warranty
- No Glass

As with new technology the reflector has been redesigned to optimise the new light source.



Picture of lights installed in the UK by Redwood Power Systems in 2009



	RPSHBGX110
Power	115w
LED Qty	5 arrays of 24
Operating Temp	-20° c to +45° c
Colour Temp	6000k - 6500k
Life Span	50,000 + Hours

SMD Lowbay Lighting

Redwood Power Systems' SMD Lowbay is designed as an energy efficient alternative to standard Lowbay fittings using our tubes which incorporate the latest SMD technology. Designed by Redwood Power Systems and manufactured in the UK, this unique product has been engineered to fully optimise the SMD light source.



- Up to 75% Energy Savings
- Reduced Carbon Emissions
- Surface or Chain Mounted
- Rapid Payback Achievable
- 2 Year Warranty
- No Glass
- Can be switched by PIR
- Colour Temp. 4/4.5k - 6/6.5k

	RPSLBGX72	RPSLBGX108	RPSLBGX150
Power	72w	108w	150w
Dimensions	94 x 290 x 1284	94 x 450 x 1284	94 x 450 x 1584
No. of Tubes	4	6	6
Life Span	40,000 + Hours	40,000 + Hours	40,000 + Hours
Operating Temp	-20° c to +45° c	-20° c to +45° c	-20° c to +45° c

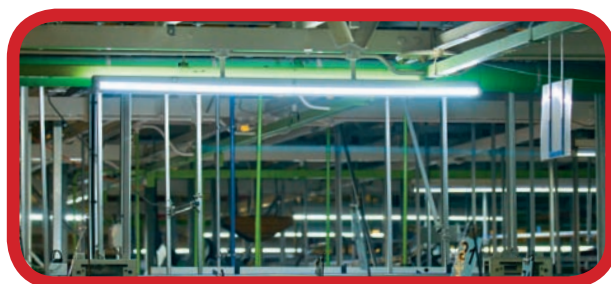
SMD Tubes

Redwood Power Systems' SMD light tubes are of the highest quality and incorporate the latest technology in surface mounted devices, designed to replace conventional fluorescent tubes. They offer significant advantages as follows:

- Up to 75% Energy Savings
- Reduced Carbon Emissions
- Rapid Payback Achievable
- 2 year Warranty
- Lasts up to 4 times longer
- No Glass
- No Flicker or Hum



Picture of lights installed in the UK by Redwood Power Systems in 2009



We have taken the most advanced SMD technology and designed an SMD tube which does not require any special fittings, ballast or starter. It can easily be fitted as a replacement for a conventional lamp by adopting a single end wiring method.

	RPSLTGX0600	RPSLTGX1200	RPSLTGX1500	RPSLTGX1800
Length	600mm	1200mm	1500mm	1800mm
LED Qty	180	300	384	480
Power	12w	18w	25w	29w
Colour Temp	4000k - 4500k or 6000k - 6500k			
Life Span	40,000 + Hours			
Operating Temp	-20° c to +45° c			
Colour Render Index	80 Ra			

SMD Downlighters

Redwood Power Systems downlighters can be used to replace existing fittings or new lighting installations. Suitable for office or retail environment, with their low temperature output, Redwood SMD downlighters can provide extra savings as air conditioning units have less heat to dissipate. Potential fire risks are also reduced due to the lower operating temperature of our lights. Our downlighters can be PIR controlled which can lead to further savings.



Picture of lights installed in the UK by Redwood Power Systems in 2009



- Up to 75% Energy Savings
- Reduced Carbon Emissions
- 2 year Warranty
- Lasts up to 4 times longer
- No Glass
- Can be PIR controlled
- Reduced heat output

	RPSGX005
Power	6w
LED Qty	6
Operating Temp	-20° c to +45° c
Colour Temp	4000k - 4500k or 6000k - 6500k
Life Span	50,000 + Hours

Outdoor Flood Lights

SMD Flood lights are an excellent replacement for existing metal halide, tungsten halogen and son lighting.

They are suitable for a range of applications from industrial lighting, car parking areas, architectural lighting, security lighting, sports areas and amenity lighting. They can be used successfully with PIR, with instant strike up.



Picture of lights installed in the UK by Redwood Power Systems in 2009



- Up to 75% Energy Savings
- Reduced Carbon Emissions
- 2 year Warranty
- IP 65 Rating
- Instant Strike
- PIR compatible
- Crisp white light

	RPSPLGX0042c	RPSPLGX0056c	RPSPLGX0070c	RPSPLGX0084c	RPSPLGX0098c
Power	42w	56w	70w	84w	98w
Operating Temp	-30° to +40° c	-30° to +40° c	-30° to +40° c	-30° to +40° c	-30° to +40° c
Lumens	>2600	>3300	>4200	>5000	>5800
Lux	>20 @ 5m	>23 @ 5m	>24 @ 6m	>25 @ 7m	>26 @ 8m
IP Rating	IP65	IP65	IP65	IP65	IP65
Dimensions (mm)	300x300x201	300x300x201	331x300x201	378x300x201	425x300x201
Weight	6.5kg	6.6kg	7.5kg	8.3kg	9.3kg