

## Manufacturing

LED solutions for manufacturing environments



### Key features:

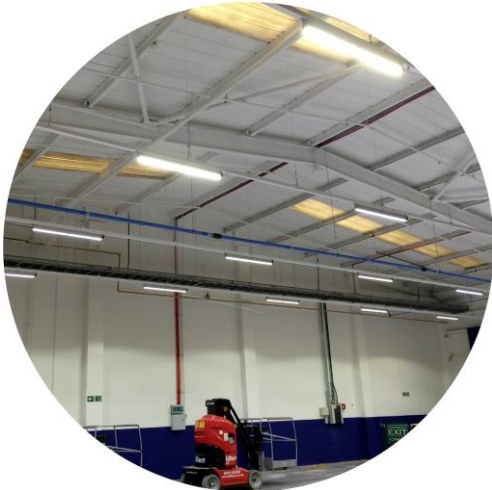
- No dust traps & easy to clean
- No glass components/harmful chemicals
- Robust design & materials
- Virtually maintenance free
- Operating temp -40 to +50°C
- Sealed to IP65 standard

Our in house design team have created a range of LED fittings specifically to meet the needs

of manufacturing environments. Major UK companies are finding Carbonlights™ to be an ideal solution to significantly reducing their energy and maintenance costs whilst delivering lighting appropriate to their needs.

Carbonlights™ can operate in the most demanding environments thanks to its robust, modular design and is suitable for temperatures from -40C to +50C.

Our customers commonly conducted extensive trials with our fittings against competitor products and each time our quality and performance have exceeded their expectations.



### Example of savings v's T8 fittings

T8 Fluorescent Tube Fitting (400 fittings)	
	Annual Total
Running Costs	£47,139
Maintenance Costs	£3,494
<b>Total</b>	<b>£50,634</b>
Carbonlights™ Costs (400 fittings)	
Running Costs	£14,109
Maintenance Costs (years 1-4)	£0
<b>Total</b>	<b>£14,109</b>

### Benefits:

Energy Savings	up to 80%
Maintenance Savings	up to 100%
Payback (years)	1-2 years*

\* Based on 24/7 operation

Improved light quality and reduction in energy and maintenance costs.

*"With new products and constant drive for improved quality making ever greater demands on our metal-working team, it is essential that have the highest quality lighting, with crisp and even illumination with no shading of the work are. The solution provided by Carbonlights, installed quickly and with no disruption to our own production is meeting those needs, and the efficiency of their LED fittings will allow us to make substantial financial savings on our energy consumption while further reducing our impact on the environment."*

Adrian Bishop, General Manager, NEXGEN.



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