High Bay (HBX2)

- Cuts CO2 emissions by up to 75%
- Up to 90% with smart integration
- 109,000+ operational lifetime
- Payback typically in 2 years or less
- Full 5 year replacement warranty
- Suitable for ceilings 6m+
- Designed for industrial conditions

Full service tailored solution
An intelligence upgrade
Automated emergency lighting

CARBON REDUCTION TECHNOLOGY

Smarter lighting by design

Used by

RENAULT TRUCKS

VOLVO

GRUPO ANTOLIN

Full service tailored solution

- **Service package includes**
  - **Site survey**
  - **Optimised lighting design**
  - **Project management**
  - **Funding application support**
  - **Installation**
  - **Responsible disposal of old lighting units**
- **Modular installation to reduce disruption**
- **Delivered pre-wired and ready for connection**
- **Post installation support**

Specification

Colour Temperatures	Cool White	Neutral White	Warm White
	5,000°K	4,000°K	3,000°K

Input Voltage	90 - 264 Vac
Input Frequency	47 - 63 Hz
Operating Temperature	-20°C to +80°C
Working Humidity	0 to 95%
CRI Tj °C	Ra > 80
Lifespan	> 100,000 hours
Lenses	M, W, WWW, O
Dimensions (mm)	582 x 330 x 230
Weight	8 - 14kg
Impact Protection	IK08
LED Module Water Ingress	IP66
Control Box Water Ingress	IP54
Dimming	DALI 2.0 / 0 - 10 VDC

System Power	LED Quantity	Current	Light Source	Lumen Output
100w	24	1200 mA	XPG3	10880
136w	24	1400 mA	XPG3	13516
150w	36	1200 mA	XPG3	16321
175w	36	1400 mA	XPG3	18355
200w	48	1200 mA	XPG3	20339
236w	48	1400 mA	XPG3	24474
280w	48	1700 mA	XPG3	30483

An Intelligent Upgrade

All Carbon Reduction Technology luminaires can be used as standard lighting or fitted with an intelligent control and monitoring system. Smart controls can offer up to a further 15% efficiency through scheduling, occupancy monitoring, automated PIR dimming and daylight harvesting. Smart controls also offer full visibility of power consumption and use, plus automated energy / emissions reporting.

Emergency Lighting

Correctly installed emergency lighting and periodic testing is a legal requirement for commercial UK facilities.

We can integrate an emergency system, meeting all legal specifications, as part of a wider lighting upgrade. Our Smart Control system can also automatically perform legally mandated periodic testing.

Carbon Reduction Technology products meet all UK and European standards.

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