

The leading name in industrial and warehouse lighting energy saving solutions



## CASE STUDY



	EXISTING	ECOLIGHTING REPLACEMENT	SAVING	
Number of Lights	91	90	0%	
Annual KWh consumption	118,714	24,872	93,842	79%
Annual Lighting cost	£7,479	£1,567	£5,912	79%
Annual CO2 consumption	64,580	13,530	51,050	79%

Global leader in methacrylates, Lucite International, the company behind Lucite® solutions employs 2000 people at 14 manufacturing sites around the globe.

Lutterworth Ecolighting was invited to improve on current light levels at their manufacturing facility in Derwen whilst still generating energy savings.

The operation worked 24 hours a day over 7 days and consisted mainly of old 150w & 250w sodium fittings, following the review and after consultation with the management on lux levels, these were replaced with our **Ecolite Industrial Hi-Saver** 2x49w and 3x49w for the open areas and our **Battensense Retrofit sensor** for the existing fluorescent fittings.

Both staff and management are delighted with the results as lux levels were increased in all areas.

Light levels and uniformity was improved and **provided a return on investment in less than 2.7 years.**

Ongoing site maintenance which is critical to the site is greatly improved with lamp life expected to last over 5 years.



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