

DISTRIBUTION CENTRE, WOLVERHAMPTON
HAMBLESIDE DANELAW LIMITED



This distribution centre in Wolverhampton has been refurbished with Zenon Arc Evolution barrel vault rooflights by Roofdec Ltd.

The distribution centre project in Wolverhampton's town centre involved a main contractor appointing Roofdec to refurbish elements of the roof according to need. One of the elements of the project was to replace the existing polycarbonate rooflights that were in excess of 25 years old suffering from damage and discolouration, and limiting the availability of natural daylighting within the building.

Roofdec specified Hambleside Danelaw's Zenon rooflights that are made from thermo-set GRP material to deliver high quality naturally diffusing daylight with improved light distribution and reduced glare. The existing metal standing seam roof system used on the distribution centre best suited the Zenon Arc modular barrel vault rooflight rather than an in-plane solution.



Old polycarbonate rooflights

Supplied to fit 1000mm span, the Zenon Arc rooflights were constructed from the high strength, low carbon Zenon Evolution product incorporating the patented Insulator 20/20 system to provide a U-value of $1.6\text{W/m}^2\text{K}$. Zenon Arc Evolution incorporating Insulator delivers high levels of safety and improved thermal performance while retaining high levels of well diffused light transmission – all with low embodied carbon.



Replaced with Zenon Arc

Other works by Roofdec included the relining of the gutters, renewing end lap seals to the main roof cladding sheets together with replacement of wall cladding prior to installing a new canopy also incorporating Zenon Arc barrel vault rooflights.

Overall the works took 12 weeks to complete.



Refurbished canopy

John Barnes, Managing Director of Roofdec said 'Everything went well in replacing the old rooflights and we would look to use the Zenon Arc barrel vault rooflight system on similar projects in the future'.

Roofdec Ltd was established in 1971 and started as a felt roofing company. Over the years they have evolved into other areas of roofing including, industrial roof and wall cladding for built up, composite and standing seam systems on both new build and refurbishment. Their projects include some of the largest and most prestigious industrial buildings in the country including distribution warehouses for some of the leading companies in the UK.



Z E N O N®

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