



BREEAM Credits

In accordance with SD5078: BREEAM UK New Construction 2018 3.0

HEA 01 – VISUAL COMFORT

The Node lighting range of Downlights, Spotlights and Linear Lights all have luminance, CRI and rated life information, which can be found on Node lighting data sheets.

HEA 02 – INDOOR AIR QUALITY

Paint used on Node products does not contain volatile organic compounds (VOC). Our standard black powder coat has been tested according to the Canadian Hazardous Products Regulations, and our standard white powder coat to the directives 2004/42/CE and 2010/75/EU.

HEA 04 – THERMAL COMFORT

Node Flush and Recessed Channel Plenums are available in horizontal and vertical throw configurations to suit a project's thermal comfort requirements. They have been tested in accordance with ASHRAE Standard 70-2006 "Method of testing for Rating the Performance of Air Outlets and Inlets."

MAT 01 - ENVIRONMENTAL IMPACT FROM CONSTRUCTION PRODUCTS – BUILDING LIFE CYCLE ASSESSMENT (LCA)

The aluminium support system, channels, devices and diffuser can potentially be reused in new buildings. The reused system reduces the environmental impact of producing new construction products and materials. If an LCA is being undertaken, PARC can provide the information about the potential reuse of the components and EPDs of many of the components.

MAT 02 – ENVIRONMENTAL IMPACT FROM CONSTRUCTION PRODUCTS – ENVIRONMENT PRODUCT DECLARATIONS (EPD)

The supplier of the Node Flush and Recessed channel extrusions is part of Aluminium Extruders Council which hold an industry EPD which conforms to ISO 14025. The EPD is based on data supplied by 11 AEC member companies, across 30 production facilities in the US and Canada.

MAT 06 - MATERIAL EFFICIENCY

PARC is committed to promoting recycled content within our supply chain. The Node Recessed and Flush Channel Plenums (steel sheet metal) are made from 25% to 35% recycled material of which 19.8% post-consumer and 14.4% pre-consumer.

WST 06 – DESIGN FOR DISASSEMBLY AND ADAPTATION

The Node system is very easy to disassemble and can be adapted to changing requirements. The aluminium support system, channels, devices and diffuser can easily be removed and repurposed in a different location. The reused system reduces the environmental impact of producing new construction products and materials.