Lighting Installation - ‘Cell’
by Kevan Shaw Lighting Design

4 Baltic street, Edinburgh, Eh6 7BW
www.ksld.com
KSLD are a team of skilled and dedicated professional lighting designers. We provide creative excellence, innovation and professional efficiency in lighting design for our clients and end users.

The practice was established in 1989 and has completed over 550 projects working on all scales and types of project both national and international. We strongly believe this breadth of experience has created a unique knowledge base that informs all of our work.

As innovators we push the boundaries of lighting technologies capability. We participate in lighting research and product development to ensuring we can provide the best design and technical solutions available for each new project.

We value our contribution to the lighting community and share our knowledge and enthusiasm for light through projects, education and training. KSLD continues to be respected as a leading practice and contributes to the development and recognition of the independent lighting design profession.

We thoroughly enjoyed working on the design for CTIR and hope it is enjoyed by students, visitor, and teachers alike.
KSLD were asked in May 2013 by The University of Dundee to design a dramatic lighting centrepiece that would provide a focal point between the exiting Welcome Trust Building and the new Centre for Translational and Interdisciplinary Research building.
The whole team at KSLD worked together testing out many variation of the design and its construction. We finally settled on a modular LED system comprised of identical custom internally lit cylinders. The joints are based on knuckles allowing the components to be connected together at a variety of angles.

The suspended lighting element represents the word ‘CELL’ translated into amino acid symbols.
The construction creates this word in two planes allowing to be viewed from the many vantage points within the building.
Also the feature is to be seen from outside through the large glazed areas of the Atrium
KSLD worked closely with the manufacturer, Vexica Technologies to ensure the lighting was correct and the fitting could be built on site from modular components.
The light intensity will be varied according to the time of the day relative to the control system’s internal clock. Over the course of the day and evening the pattern will be varied. The 2 depictions of the word “cell” can separately illuminated. The control system is also flexible allowing the university to manipulate the lighting in order to create a variety of lighting effects.
‘Cell’

CELL letters in vertical plane
Credits:

KSLD
Kevan Shaw, Martin Granese, Claire Hope, Jamie Foxen

Vexica Technologies
Andrew Littler, Jonathan Veal

Dundee University
Professor Mike Ferguson