

The RIDI logo is located in the top left corner. It consists of a small blue triangle pointing to the right, followed by the letters "RIDI" in a bold, white, sans-serif font. The background of the entire page is a dark blue geometric pattern of overlapping triangles in various shades of blue.

**RIDI**

**RIDI ACADEMY : CPD and Education**

# RIDI ACADEMY.

CHOOSE THE RIGHT LEARNING PROGRAMME  
FOR YOU OR YOUR PRACTICE.

As a leading European lighting manufacturer at the forefront of lighting technology and design for over seventy years, RIDI has a wealth of knowledge and expertise about all facets of lighting and the lighting industry.

The RIDI ACADEMY was set up to educate in best practice in the design and engineering of light for buildings. We are pleased to offer the following courses and presentations to assist your CPD. They are split into modules of **RIBA certified seminars**, **BASIC programme** and **ADVANCED programme**, **sector programme** and **product programmes**. Presentations will be delivered by an experienced member of our team with personal expertise in the topic being covered.

A number of the presentations are also certified by RIBA, allowing associates to claim double the usual number of CPD points on those particular subjects. We can also tailor presentation to your specific requirements. They can be delivered in person, via Teams or using our new 'Green screen' dynamic presenting method.

To arrange a CPD presentation, contact the RIDI ACADEMY or call our main office on 01279 450882,  
email [academy@ridi.co.uk](mailto:academy@ridi.co.uk) or fill in the form at [ridi-group.co.uk/cpd](http://ridi-group.co.uk/cpd)



### LED Fundamentals

- the production and fundamental theory behind LED light sources
- the benefits of LED sources
- some of the problems that can be associated with LED sources
- some of the opportunities for product design that LED sources offer

Duration: 1hr  
RIBA Accredited



### A Combined Sound and Light Vertical Acoustic Baffle System

- How sound needs to be considered in solid surface spaces
- How to apply light and sound in a space as a combined package
- Issues relating to designing with LED lighting as part of an integrated baffle system
- How to be better informed on LED lighting application and some inspiration for future projects

Duration: 1hr



### What Does LED Allow Us to Do That We Couldn't Do Before?

- The current trends in lighting
- The difference between old lamps and LEDs
- Colour temperature, lumens per watt,
- Efficiency, the factors
- Simple lighting control
- Being creative with LED

Duration: 1hr  
RIBA Accredited







## What is Human Centric Lighting?

- learn the basic theory behind HCL - what is it? Is it relevant?
- some basic guidelines to help your designs
- How do we achieve Human Centric Lighting?
- How can HCL have a positive impact on physical and mental well-being?
- case study project analysis

Duration: 1hr



## The World's Largest Pendant Light Fitting

- "Yes, we can do that!"; the challenging brief
- The journey from brief to reality
- How do you install the worlds largest light?
- "Wow that is amazing"

Duration: 30 Mins



## Lighting the New Working Environment

- How can we enhance the office with the right light?
- Office lighting will no longer be such a cold and anonymous one in the future as work and living will mix with one another. What does this look like?
- Case studies presented
- What types of luminaires should be used?

Duration: 1hr



### How to be a sustainable manufacturer

- How has RIDI Group always been a sustainable manufacturer?
- Biomass plant
- Recycled paint plant
- product design principles

Duration: 1hr



### How we can preserve our heritage with the right light?

- How to balance existing historic architecture with the introduction of a modern lighting system
- how do LED light sources compare to traditional lamps
- project planner for using LED in historic buildings - the five basics
- case studies - projects completed

Duration: 1hr



### Lighting controls - how and why

- To learn the reasons for using lighting controls
- To learn the functions that a modern lighting control system can offer
- To learn how a modern lighting control system can provide long term benefits for energy usage and building maintenance and peoples well being

Duration: 30 Mins



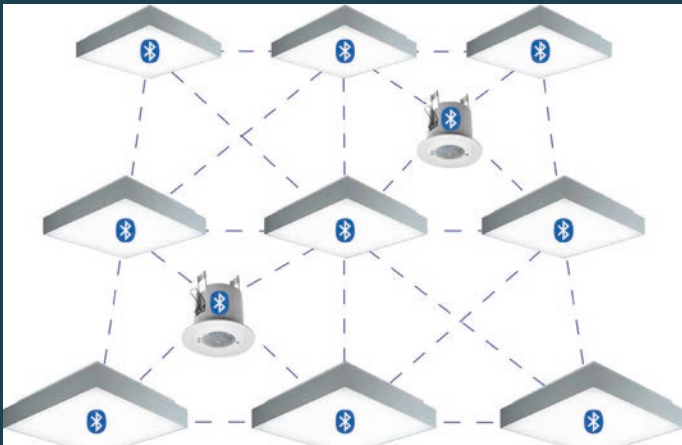




## Light is Life

- the origins of light and its importance to humans
- the value of light
- the impact of light on sustainability
- light and safety
- how good is light at keeping you safe?

Duration: 45 minutes



## An Introduction to Lighting Controls

- The basic types of lighting control
- Why use lighting controls?
- How lighting controls work
- The buzzwords

Duration: 45 minutes



## An introduction to Lighting sustainably

- Product design
- material source
- the standards
- manufacturing techniques

Duration: 30 Mins

### An Introduction to Lighting basics

- lighting buzz words such as;
  - colour temperature,
  - Colour Rendering Index (Cri),
  - optics,
  - Lumens per watt (Lm/w),
  - power factor etc.

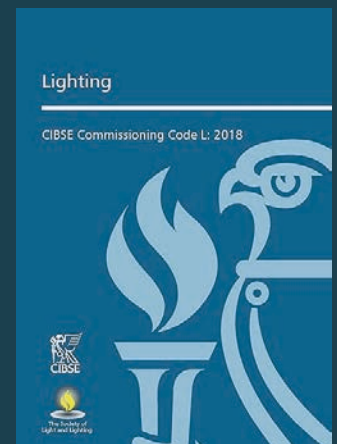
Duration: 45 minutes



### An introduction to standards in Lighting

- The different types of standards
- What you must comply with
- Why you should comply

Duration: 45 minutes



### The risk (or benefits) of value engineering lighting

- What is value engineering?
- What are the potential risks?
- Are there any benefits?

Duration: 30 Mins





## Lighting and the WELL standard

- what is WELL light?
- WELL V2 standards
- Our interpretation of what the visual, emotional and biological affect of light is
- Case study

Duration: 1hr



## Why are Lighting Controls so important?

- The application of lighting controls in buildings
- types of lighting control
- project case studies

Duration: 45 minutes



## Light products Environmental declarations LCA and EPD?

- The meanings
- Their relevance to light products
- the method of testing a products environmental characteristics
- the circular economy

Duration: 30 Mins



### How do we meet BREEAM?

- how we achieve optimum efficiency in lighting design
- The assessment criteria
- What does a Breeam 'outstanding' project look like?
- Case study

Duration: 1hr



### Biological & Psychological Effects of Lighting

- Human centred lighting - why?
- some basic guidelines to help your designs
- How do we achieve Human Centric Lighting?
- How can HCL have a positive impact on physical and mental well-being?
- case study project analysis

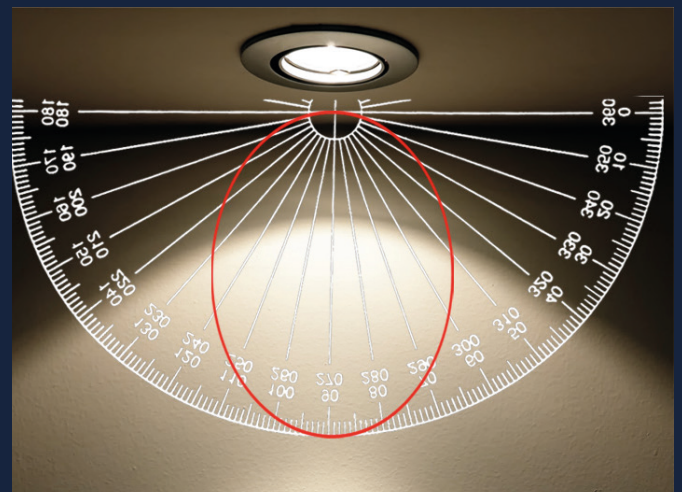
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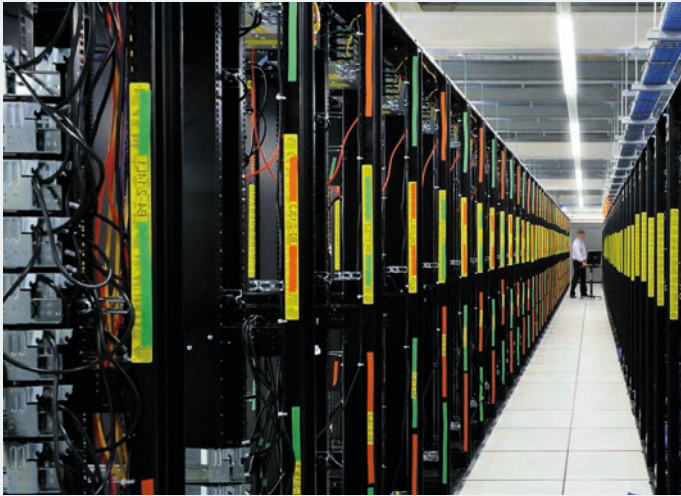


### Understanding Photometric Data

- What are the buzzwords?
- How are light products tested photometrically?
- How is the data presented
- How to 'read' the data?

Duration: 30 Mins

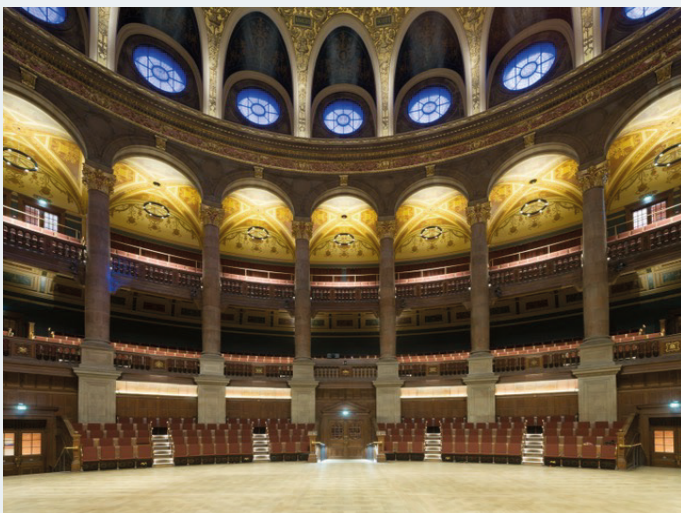




## Lighting in Data Centres

- lighting data halls / white space lighting
- ancillary area lighting
- lighting control and BMS integration
- Emergency central battery
- installation
- case studies

Duration 45 minutes



## Lighting and our heritage

- How to balance existing historic architecture with the introduction of a modern lighting system
- how do LED light sources compare to traditional lamps
- project planner for using LED in historic buildings - the five basics
- case studies - projects completed

Duration: 45 minutes



## Retail Lighting

- Lighting design fundamentals
- Energy factors
- Lighting techniques
- Project case studies

Duration: 45 Mins



### Lighting and transport

- An introduction to products specifically designed for the transport sector
- Project case studies on Network Rail, Deutsche Bahn, London Underground, Docklands Light Railway
- circadian lighting installation at Leeds station

Duration: 45 minutes



### Lighting refurbishment

- Why update your lighting installation?
- discover the best refurbishment solution for your building
- discover the prospect of retrofit, re-engineering or replacing your lighting
- 'Certified refurbished' explained
- case studies - projects completed

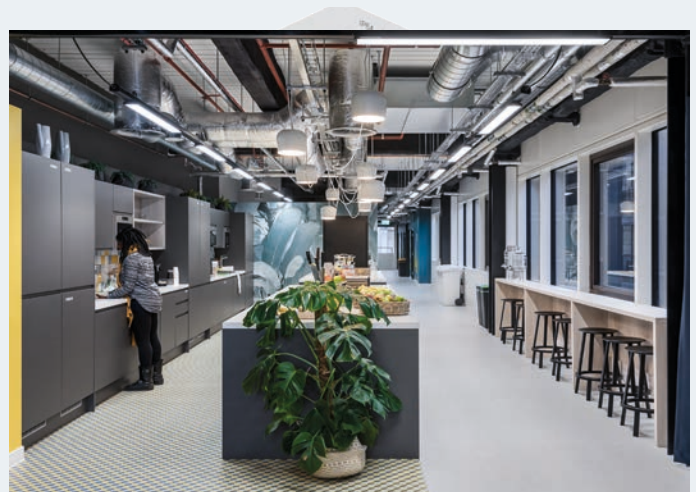
Duration: 45 minutes



### Lighting the new working environments

- How can we enhance the office with the right light?
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- What types of luminaires should be used?

Duration: 45 Mins





## RIDI LINIA sector WORKSHOP

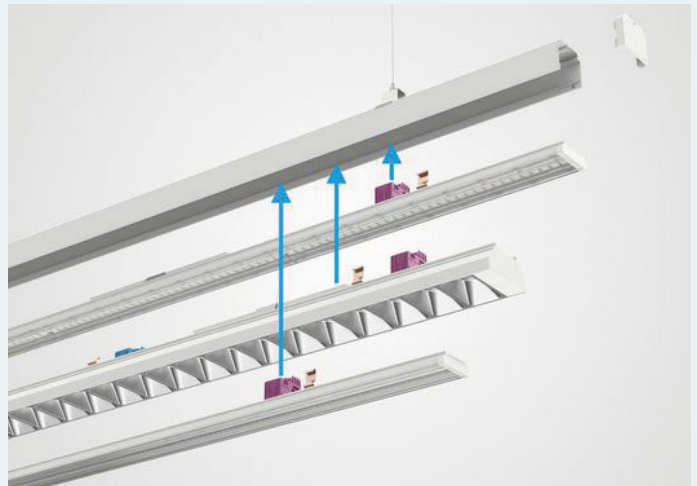
- Select the sector area and we will tailor the presentation for the application of a busbar trunking system;
- DATA Centres
- Offices
- Warehouses
- Education
- Retail
- Refurbishment



## RIDI LINIA EVO Busbar trunking system

- What is a busbar system?
- Whats are the advantages?
- What are the options?
- Installation
- Applications and sectors

Duration: 45 Mins



## H-Profile Custom Solutions

- introduce the basic principle of the H Profil system
- how to chose the inserts to suit your project
- project case studies

Duration: 30 Mins



### Non standard is our standard

- RIDI Lighting have produced some incredible bespoke pendants
- Experience some exciting non standard solutions
- Project case studies

Duration: 45 Mins



### RIDI-Group Control3

- Overview of functions
- Modular System Architecture
- Saving Energy
- Automatic feedback and testing
- Integration with BMS

Duration: 45 Mins



### RIDI-Group APCON Smart Wireless Controls

- Overview of APCON (APlication CONTROLS)
- Integration with Luminaire
- Setup using Mobile

Duration: 30 Mins





### RIDI Group Juningen Production Facility

We occasionally run a two day visit to our main production facility in Jungingen, Germany.

The agenda comprises presentations of the latest technology and product innovations with one or more being CPD certified.

The main attraction is a guided tour around the production areas to see how RIDI, Spectral and Li:Fy luminaires and LED boards are produced.

Dates are not fixed, but please let our representatives know if this is something you would be interested in attending in the future.

Duration: Two Days



### Spectral showroom Clerkenwell. London

RIDI have a permanent presence at Howe's show space on Old Street, Clerkenwell.

Experience a wide range of RIDI's latest products as well as circadian lighting and wireless controls. The showroom is open weekdays between 9am and 5:30pm and contains a changing selection of Spectrals most up to date products.

To arrange to meet a representative there, contact them directly, call the **RIDI office on 01279 450882**, email **info@ridi.co.uk**





### Dynamic 'Green screen' product demo

- remote worker? No problem as we bring the product to your computer screen
- simply request which product or product family you wish to learn more about and we stream a live presentation to your screen

Duration: 15 Mins

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