


# Cibse Code Of Lighting Guide

LED Direct's Guide for CIBSE Recommended Lighting Levels		LED DIRECT
<b>OFFICES</b>		
General	500 lux	
Computer work stations	300 – 500 lux	
Filing rooms	300 lux	
Print rooms	300 lux	
Drawing office	500 lux	
Drawing boards	750 lux	
CAD design areas	300 – 500 lux	
<b>RETAILING</b>		
Small retail outlets	500 lux	
Supermarkets	750 lux	
Hypermarkets	1000 lux	
DIY superstore	1000 lux	
Garden centres	500 lux	
Showrooms	500 – 750 lux	
<b>CIRCULATION AREAS</b>		
Lifts	100 lux	
Corridors & stairs	100 lux	
Escalators/Conveyors	150 lux	
Atria	50 – 200 lux	
Atria with plants	500 – 3000 lux	
Entrances/Exits	200 lux	
<b>ENGINEERING</b>		
Tool shops	300 – 750 lux	
Arc welding	500 lux	
Spot welding	500 – 1000 lux	
Heavy machine assembly	300 lux	
Inspection and testing	500 – 2000 lux	
<b>BANKS &amp; BUILDING SOCIETIES</b>		
Counter offices	500 lux	
Public areas	300 lux	
<b>STAFF AREAS</b>		
Changing rooms & toilets	100 lux	
Restrooms	150 lux	
Restaurants & canteens	200 lux	
<b>KITCHENS</b>		
Serving & washing up areas	300 lux	
Food preparation & cooking	500 lux	
Food stores	150 lux	
<b>PUBLIC ACCESSIBILITY</b>		
Churches & village halls	300 lux	
<b>COMMUNICATION</b>		
Switchboards	300 lux	
Post rooms	500 lux	
<b>DISTRIBUTION &amp; STORAGE</b>		
Loading bays	150 lux	
Unpacking & sorting	200 lux	
Large item stores	100 lux	
Small-item stores	200 lux	
Trade counter	500 lux	
Warehouse/Bulk Stores	100 lux	
Packing & dispatch	300 lux	
Cold stores	300 lux	
<b>BUILDING SERVICES AREAS</b>		
Boiler house	100 lux	
Control rooms	300 lux	
Mechanical plant rooms	150 lux	
Electrical plant rooms	100 lux	
<b>GENERAL AREAS</b>		
Entrance halls & lobbies	200 lux	
Enquiry desks	500 lux	
Gatehouses	200 lux	

 To discuss your project today, call  
**0333 0230 827**

 Or email us about your lighting project now!  
**info@leddirect.co.uk**

The infographic above provides a helpful guide to the CIBSE recommended lighting levels for the most common premises types. This is only a guide and any specific building requirements need to be carefully considered. If in doubt, consult our experts! LED Direct can provide advice on the correct lighting solution for any application, drawing on our decades of experience in the lighting sector.

**CIBSE Code of Lighting Guide** is an essential document for professionals in the fields of building services, lighting design, and architecture. The Chartered Institution of Building Services Engineers (CIBSE) has developed this guide to provide a framework for creating effective and sustainable lighting solutions in various environments. This guide aids in establishing best practices, enhancing the safety and comfort of occupants, and promoting energy efficiency. In this article, we will delve into the fundamental aspects of the CIBSE Code of Lighting Guide, its significance, key principles, and practical applications.

## Understanding CIBSE and Its Role in Lighting Design

CIBSE is a professional body that represents building services engineers in the UK and beyond. It advocates for excellence in the design, installation, and management of building services, including lighting systems. The CIBSE Code of Lighting Guide is one of its many publications aimed at promoting high standards in lighting design.

## The Importance of Lighting in Building Design

Lighting is a critical aspect of architecture and interior design, influencing not only

aesthetics but also functionality. Good lighting design is essential for:

- Safety: Adequate lighting reduces accidents and enhances visibility.
- Productivity: Well-lit environments can improve focus and efficiency in workplaces.
- Mood and Atmosphere: Lighting can significantly affect the emotional response of occupants.
- Energy Efficiency: Effective lighting design can lead to reduced energy consumption.

## **Key Principles of the CIBSE Code of Lighting Guide**

The CIBSE Code of Lighting Guide outlines several core principles that should guide lighting design. These include:

### **1. Visual Comfort**

Visual comfort is paramount in any lighting design. The guide emphasizes the need to minimize glare and provide uniform illumination. Strategies to achieve visual comfort include:

- Appropriate luminance levels
- Use of diffusers and indirect lighting
- Consideration of the task being performed

### **2. Energy Efficiency**

The guide stresses the importance of designing energy-efficient lighting systems. This can be achieved through:

- LED Technology: Utilizing energy-efficient light sources like LEDs.
- Smart Controls: Implementing lighting controls that adjust brightness based on occupancy and natural light levels.
- Daylight Integration: Maximizing the use of natural light through strategic window placement and reflective surfaces.

### **3. Sustainability**

Sustainable lighting design goes beyond energy efficiency. It encompasses the entire lifecycle of lighting products, from production to disposal. Key considerations include:

- Use of sustainable materials
- Minimizing light pollution

- Ensuring ease of recycling for lighting fixtures

## **4. Flexibility and Adaptability**

Modern spaces often serve multiple functions, requiring adaptable lighting solutions. The CIBSE guide recommends:

- Modular lighting systems that can be easily reconfigured
- Adjustable fixtures that allow for changes in intensity and color temperature
- Incorporating user controls for personalized lighting experiences

## **Applications of the CIBSE Code of Lighting Guide**

The principles outlined in the CIBSE Code of Lighting Guide can be applied across various sectors. Here are some key areas where the guide plays a crucial role:

### **1. Commercial Spaces**

In offices and retail environments, lighting must support productivity and enhance the shopping experience. The guide advocates for:

- Bright, even lighting in workspaces to reduce eye strain
- Accent lighting in retail to highlight products
- Flexible lighting solutions for multi-use spaces

### **2. Educational Institutions**

In schools and universities, appropriate lighting is essential for learning and engagement. The guide suggests:

- Bright, glare-free lighting in classrooms
- Adjustable lighting in lecture halls for presentations
- Natural light integration to create a conducive learning atmosphere

### **3. Healthcare Facilities**

Lighting in healthcare settings must promote healing and comfort. The CIBSE guide recommends:

- Soft, warm lighting in patient rooms to enhance relaxation
- Bright, clinical lighting in treatment areas for visibility

- Daylight access to improve patient well-being

## **4. Residential Spaces**

In homes, lighting design should promote comfort and functionality. The guide advises:

- Layered lighting strategies combining ambient, task, and accent lighting
- Use of dimmers for adjustable light levels
- Incorporation of natural light through window design

## **Standards and Regulations**

The CIBSE Code of Lighting Guide aligns with various standards and regulations governing lighting design. Understanding these standards is vital for compliance and best practice. Key standards include:

- BS 5266: Code of practice for emergency lighting.
- BS EN 12464: Lighting of work places.
- ISO 8995: Lighting of indoor work places.

These standards provide benchmarks for illuminance levels, energy efficiency, and safety in lighting design. Adhering to these guidelines ensures that lighting systems meet both regulatory requirements and user needs.

## **Conclusion**

The CIBSE Code of Lighting Guide serves as a vital resource for professionals involved in lighting design and building services engineering. By adhering to its principles, designers can create environments that are not only aesthetically pleasing but also safe, functional, and sustainable. The guide's emphasis on energy efficiency, visual comfort, and adaptability aligns with the growing demand for responsible and innovative lighting solutions. As the industry continues to evolve, the insights provided by the CIBSE Code of Lighting Guide will remain integral in shaping the future of lighting design across various sectors.

In summary, by prioritizing the guidelines set forth by CIBSE, professionals can ensure that their lighting designs are effective, sustainable, and responsive to the needs of their occupants, contributing positively to the built environment.

## **Frequently Asked Questions**

## **What is the CIBSE Code of Lighting Guide?**

The CIBSE Code of Lighting Guide is a comprehensive document produced by the Chartered Institution of Building Services Engineers (CIBSE) that provides guidance on best practices for lighting design, including recommendations for various types of buildings and environments.

## **What are the main objectives of the CIBSE Code of Lighting Guide?**

The main objectives include promoting efficient lighting design, ensuring visual comfort and safety for occupants, and enhancing the aesthetic appeal of spaces while considering energy efficiency and sustainability.

## **How often is the CIBSE Code of Lighting Guide updated?**

The CIBSE Code of Lighting Guide is typically reviewed and updated every few years to reflect advancements in technology, changes in regulations, and evolving best practices in lighting design.

## **Who should use the CIBSE Code of Lighting Guide?**

The guide is intended for architects, lighting designers, engineers, and other professionals involved in building design and construction, as well as facility managers and anyone interested in effective lighting solutions.

## **What are some key topics covered in the CIBSE Code of Lighting Guide?**

Key topics include lighting design principles, lighting calculations, lighting for different tasks and environments, energy efficiency measures, and the impact of lighting on health and well-being.

## **Does the CIBSE Code of Lighting Guide address sustainability?**

Yes, the guide emphasizes the importance of sustainable lighting practices, including the use of energy-efficient technologies, consideration of daylighting, and the reduction of light pollution.

## **How does the CIBSE Code of Lighting Guide relate to building regulations?**

The CIBSE Code of Lighting Guide provides recommendations that help professionals comply with building regulations related to lighting, ensuring that designs meet legal and safety standards.

## **Where can I access the CIBSE Code of Lighting Guide?**

The CIBSE Code of Lighting Guide can be accessed through the CIBSE website, where it is

available for purchase or download for members and professionals in the building services field.

Find other PDF article:

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## **Cibse Code Of Lighting Guide**

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### *John Howie Steak Restaurant*

John Howie Steak in Bellevue offers catering and a diverse range of chef-designed specialty menus featuring the same local, sustainable hand-crafted cuisine enjoyed by our guests at Seastar Restaurant and Raw Bar, John Howie Steak and Beardslee Public House.

### JOHN HOWIE STEAK RESTAURANT - Updated July 2025 - Yelp

For most people, John Howie Steak is more of a special occasion type of place. We are no different. For a celebration, we popped in and basically ordered without paying attention to prices. It actually wasn't that bad; the prices are comparable to the other steak houses we've visited.

### *John Howie Steak Restaurant - Bellevue, WA | OpenTable*

2 days ago · John Howie Steak delivers a premium dining experience with "amazing" and "delicious" steaks, including standout Wagyu and Filet Mignon options. Guests often praise the "superb service" and attentive staff, including exceptional waiters like Oscar and Ruben.

### Book Your John Howie Steak Reservation Now on Resy

Jan 7, 2025 · Bellevue's John Howie Steak offers seven tiers of top-notch beef, from custom-aged prime cuts to American Wagyu, Australian Wagyu, and the finest Japanese Wagyu in the world.

### **John Howie Steak | Downtown Bellevue, WA**

John Howie Steak is a fine dining restaurant in Downtown Bellevue. Their location features comfortable surroundings, prime custom-aged steaks, side dishes that define culinary excellence and an award winning wine list featuring bottles from near and far.

### *John Howie Steak Restaurant Menu (Updated for 2025)*

Indulge in exquisite steaks and top-tier service at John Howie Steak Restaurant in Bellevue, WA. With a classy atmosphere and a menu featuring whiskey bar favorites and New American cuisine, this upscale restaurant offers a dining experience like no other.

### **Dinner - John Howie Steak Restaurant**

\* Some of John Howie Steak's menu items are served raw or undercooked to preserve flavor and moisture. Raw or undercooked seafood and meats, having never been frozen, may be hazardous to your health. Please notify your server if you would like them prepared differently.

### John Howie Steak, Bellevue - Menu, Reviews (933), Photos (115 ...

Latest reviews, photos and ratings for John Howie Steak at 11111 NE 8th St #125 in Bellevue - view the menu, hours, phone number, address and map.

### John Howie Steak - Eat Local First

Mar 12, 2025 · John Howie Steak is a chef-driven steakhouse with the region's most comprehensive program featuring seven-tiers of steaks, including custom-aged USDA Prime beef, American Wagyu beef, Australian Wagyu beef and the famed Japanese A5 ...

### Hours & Directions - John Howie Steak Restaurant

The Amethyst elevators will take you directly to the lobby entrance for John Howie Steak. The Amber elevators will take you just outside of the entrance of the building lobby that John Howie Steak is located in.

Discover how the CIBSE Code of Lighting Guide can enhance your projects. Explore key insights and best practices for effective lighting design. Learn more!

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