

LED Direct's Guide for CIBSE Recommended Lighting Levels

LED DIRECT

OFFICES

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

RETAILING

Small retail outlets	500 lux
Supermarkets	750 lux
Hypermarkets	1000 lux
DIY superstore	1000 lux
Garden centres	500 lux
Showrooms	500 – 750 lux

CIRCULATION AREAS

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

ENGINEERING

Tool shops	500 – 750 lux
Arc welding	500 lux
Spot welding	500 – 1000 lux
Heavy machine assembly	500 lux
Inspection and testing	500 – 2000 lux

BANKS & BUILDING SOCIETIES

Counter offices	500 lux
Public areas	300 lux

STAFF AREAS

Changing rooms & toilets	100 lux
Restrooms	150 lux
Restaurants & canteens	200 lux

KITCHENS

Serving & washing up areas	500 lux
Food preparation & cooking	500 lux
Food stores	150 lux

PUBLIC ACCESSIBILITY

Churches & village halls	300 lux
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COMMUNICATION

Switchboards	300 lux
Post rooms	500 lux

DISTRIBUTION & STORAGE

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

BUILDING SERVICES AREAS

Boiler house	100 lux
Control rooms	300 lux
Mechanical plant rooms	150 lux
Electrical plant rooms	100 lux

GENERAL AREAS

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 expert! LED Direct can provide advice on the correct lighting solution for any application, drawing on our decades of experience in the lighting sector.

Cibse Lighting Level Guide External Footpaths

O García



Cibse Lighting Level Guide External Footpaths:

CIBSE Guide H: Building Control Systems Cibse,2007-06-01 Building Control Systems provides the building services engineer with a comprehensive understanding of modern control systems and relevant information technology This will ensure that the best form of control systems for the building is specified and that proper provision is made for its installation commissioning operation and maintenance Beginning with an overview of the benefits of the modern building control system the authors describe the different controls and their applications and include advice on their set up and tuning for stable operation There are chapters on the practical design of control systems how to work from the hardware components and their inclusion in networks through to control strategies in Heating Ventilation and Air Conditioning HVAC systems and whole buildings The relationship between Building Management Systems BMS and information technology systems is discussed and the building procurement process and the importance of considering control requirements at an early stage in the design process

Hospital Accommodation for Children and Young People NHS Estates,2005 This publication sets out best practice guidance on the design of healthcare facilities for children and adolescents with the aim of creating a child centred built environment It is primarily intended for new builds and upgrades of existing childrens facilities Central considerations are alleviating fear and anxiety maximising security and safety reducing boredom and creating a healing environment Facilities should also cater for parents and siblings Issues discussed include general functional and design considerations including patient groups capacity planning space access and security requirements play facilities and privacy aspects design of specific service areas including reception out patient and in patient facilities engineering services and cost information

Building Services Journal ,2004

Lighting Design for Schools Great Britain. Department for Education and Employment. Architects & Building Branch,1999 Lighting Design for Schools

The Lit Environment Derek Phillips,2002 Building on the success of his previous two books in this series The Lit Environment sees Derek Phillips approaching the topic of exterior lighting This book addresses the issues raised by the perception of light experienced by people who are outside buildings It is not simply about floodlighting buildings but takes a more embracing approach to deal with light for the whole external environment Covers a comprehensive range of buildings through 30 international case studies including buildings in Britain France Germany Denmark Israel Egypt and the United States The book represents a strong fusion of science and quantity with light and vision Visually inclined designers should understand how science can improve their vision and engineers with a strong science basis should understand how they can come to terms with visual affects This book illustrates the essence of how to light buildings well Benefit from the experience and knowledge of a top architect and lighting engineer Gain an understanding of the design principles involved with this comprehensive overview of exterior lighting International case studies from Lyon to Tel Aviv as well as the United States show theory in practice

Firecode - fire safety in the NHS Great Britain: Department of Health: Estates and Facilities Division,2007-04-18 This Health Technical

Memorandum takes the form of best practice guidance and recommendations It provides guidance on the design of fire precautions in new healthcare buildings and major extensions to existing healthcare buildings It supersedes HTM 81 ISBN 9780113210824 and HTM 85 ISBN 9780113217335 This publication provides guidance to achieve a satisfactory standard of fire safety and recognizes the special requirements of fire precautions in the design of healthcare premises and should allow the current statutory regulations to be applied sensibly within a framework of understanding The guidance in this HTM satisfies all requirements of Part B Fire Safety of the Building Regulations 2000 as amended **The Arup Journal** ,1997

Building Regulations in Brief Ray Tricker,Samantha Alford,2014-04-16 This eighth edition of the most popular and trusted guide to the building regulations is the most comprehensive revision yet It reflects all the latest amendments to Building Regulations Planning Permission and the Approved Documents A B C H K P Regulation 7 incorporating all amendments up to December 2013 including the changes to Leaflets L1A and L2A which come into effect April 2014 This new edition also contains details of the new national planning guidance system and initiatives to speed up the planning process such as the new on line planning appl **Building Services** ,1989 Sustainable Construction Sandy Halliday,2018-12-07 The second edition of Sustainable Construction provides a masterclass on the principles and techniques involved in the design and delivery of practical affordable high quality sustainable buildings and places It presents precedents theory concepts and principles alongside 120 wide ranging case studies that highlight current best practice and encourage implementation Topics in the book include the history of ideas in sustainable construction policy materials cost issues appraisal techniques environmental design energy water construction processes and urban ecology The book is heavily illustrated in full colour and is an ideal contemporary accessible primer to courses in Architecture Construction Building Engineering Environmental Engineering Project Management Landscape Urbanism and Development

Cibse Lighting Level Guide External Footpaths Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Cibse Lighting Level Guide External Footpaths**," published by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we will delve in to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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