LG2: Lighting for Healthcare Premises
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Supported by the Department of Health

Lighting for the built environment
Mental Health

• **Introduction**

• WHO – ‘Mental Health is a state of well being in which an individual realises their own abilities, can cope with the normal stresses of life, can work productively and is able to contribute to their community’.

• Annual Economic and Social costs:
  £120 Billion – UK wide
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Mental Health

- High Security Hospitals
- Adult acute Mental Health Units
- Psychiatric Intensive Care Units (PICU)
- Forensic Mental Health Services
- Child and Adult Mental Health Services (CAMHS)
- Dementia Assessment
- Dementia Care Homes
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Mental Health

- Entrance lobbies / Reception areas
- Corridors / Stairs
- Bathrooms and Accessible Bathrooms
- En-Suites
- Single and Accessible single Bedrooms
- Offices / Staff spaces
- Treatment Rooms / Therapy rooms
- Laundry / Cleaners
- Dining spaces / Lounge spaces
- Quiet rooms / De-escalation and seclusion
- Day spaces / Visiting areas
- Garden spaces

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lgature

[ lig-uh-cher, -choor ]
noun
the act of binding or tying up:
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Mental Health

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Mental Health

- Maintenance:

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- Maintenance:

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Emergency Lighting:

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Lighting for the built environment
Emphasises the importance of how space is used in the design of lighting.

- Staff needs eg. local, clearly designed controls.
- Patient needs eg. consideration of patient journey.
Emphasises the importance of the architectural integration of lighting.

- Visual Interest
- Way finding
- Spatial boundaries

Modern single-bed ward
(courtesy of The Christie NHS Foundation Trust, Manchester)
Part B: Specific Recommendations

- The functional and visual needs must be achieved
- It must not be a numerical only solution
- Daylight is critical, sunlight and daylight must be considered.
- Consider the colour temperature for aesthetics
- Move away from one size fits all.
- Ward Areas
  - Controlled sunlight
  - Retain the views whilst managing glare
  - Brightness Management Strategy
Section 8: Exterior Lighting

• **Sustainable Design**
  - Energy
  - Light Pollution

• **Design**
  - Mirroring of British Standards
  - Update to existing guidelines
  - New areas added
Section 9: Emergency Lighting

- Consultation & Risk Assessment

- Refers Designers to latest Standards
  - Illumination Levels
  - Other design considerations
  - Luminaire Design
  - Emergency Testing
Section 11: Light Source & Luminaire

• **Focused on LED fittings**
  - Minimum Specification
  - Testing
  - Colour Consistency
  - Flicker

• **Product Construction**
  - More than IP Rating
  - Correct use or materials
  - Cleaning & Infection Control

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