

CIBSE Guide D: 2025

Chapter 2 – Interior Circulation

Adam Scott



What does Chapter 2 do?

- Authored by Dr Barney
- General context setting – the human factor / the installed environment
- Inclusive design
- Lift lobby design and space allowances
- Body Mass Index / Body Area Index
- Corridor / Door / Turnstile capacity guidance
- Escalator & moving walk handling capacity and arrangement guidance

What has changed since 2020?

- Growing focus on inclusive design
- Health and wellbeing encouraging use of stairs in lieu of lifts and escalators
- People casting “larger shadows” ...?

Areas to be reviewed:

- Post-Covid world – impact on comfortable occupancy levels in open spaces and waiting areas and indeed lift cars (i.e. persons/m²)
- Are BMI / BAI factors still relevant or has more research been published?
- Space requirements (BAI) for less abled people particularly in evacuation scenarios
- Check escalator handling capacity against latest BS EN115 standards – theoretical vs. practical
- Consider topic of rated load being redefined by number of people that can fit in the lift car x BMI
- How do elliptical BAI profiles “fit” within rectilinear lift cars – is a simple mathematical relationship too optimistic?

Questions?

