

50519 Lighting Specifications for Hall 1 at Meadowbank Sports Centre

Please provide the building specifications of Meadowbank Sports Centre.

I have already submitted to a request to Edinburgh Leisure and they have suggested that I request the following information here instead:

In reference to Hall 1 on the second floor of Meadowbank Sports Centre, I wish to know what the technical building specifications and standards of overhead lighting are.

Specifically, the number of lights which should be installed in such a large hall, their locations on the ceiling, and what the required light intensity range is (stating minimum and maximum levels).

I am requesting this information because I believe the lighting is insufficient for some sporting activities due to an imbalance of light placement/quantity/intensity.

Regarding Hall 1, the lighting placement is particularly driven by the requirements of badminton.

- The design criteria is as per the CIBSE / SLL Lighting Guide 4 – Sports Lighting, and has been designed to Class 3, for small clubs, recreational and schools with a level of 300lux average.
- The average lux level achieved, as per the luminaire placements, is 459 Lux, with minimum and maximum being 305 and 557 Lux.
- The quantity of luminaires is as per the site installation, which is 35. This has been designed as a multi-use sports facility and the luminaire positions have been provided as per the guidance within the CIBSE / SLL lighting guide.
- All light fittings were checked regarding positioning and product selection and commissioned at completion using a lux meter. The levels exceeded the minimum required lux levels. The lights are also adjustable however this would need to be agreed with Edinburgh Leisure.