

Additional information – Lighting scheme

The comments in relation to lighting from England Netball have been considered. We note them requiring a uniformity of >0.7 , rather than 0.6 as has been stated currently in our lighting technical specification document.

We would point to the fact that there was an error on page 2 of the submitted report in referencing the lighting for the MUGA had been designed to Sport England standards rather than BS EN 12193 Lights & Lighting Sports Pitches class 3.

BS EN 12193 lighting standards, which our lighting consultant has used as their basis, divides the uniformity in to the following classes;

Illumination class I High-performance competitions, high-performance training; spectators: long distance from the sports event.

Illumination class II Medium-level competitions, performance training; spectators: medium distance from the sports event.

Illumination class III Simple competitions (usually without spectators), general training, general school and recreational sports.

Sport	Class 1 (Lux / U_o)	Class 2 (Lux / U_o)	Class 3 (Lux / U_o)
Basketball	500 / 0.7	300 / 0.7	200 / 0.6
Netball	500 / 0.7	300 / 0.6	75 / 0.5
Tennis	500 / 0.7	300 / 0.7	200 / 0.6
Hockey	500 / 0.7	300 / 0.7	200 / 0.7
Football	500 / 0.7	200 / 0.6	75 / 0.5
Rugby	500 / 0.7	200 / 0.6	75 / 0.5

We therefore consider Sports England/England Netballs request for $0.7U_o$ to be excessive, given that class 3 is suitable enough for school use and this has already been met as the technical submission includes provision for $0.6U_o$.

As the MUGA is intended to accommodate Basketball and Tennis, alongside Netball, the lighting for the MUGA is considered to achieve the minimum lighting requirements for all 3.