

Project no 49363, Heolgerrig community school Cf48 1SB

Design & Access Statement – Heolgerrig community school Cf48 1SB. The preferred LED lighting solution has numerous benefits in terms of internal baffling (as opposed to external baffling by older generation LED's) thereby reducing the lamp profile, the internal baffle profile is better at controlling light spill as can be seen from light plans, and the side mounted lamps produce an improved 'on court' experience in terms of minimizing light variability. The Installation of the lighting within the tennis courts will extend the playing hours for community.

The AMNIS Series utilises reflector technology that shields the players, observers and recording equipment from direct viewing of the light source (the principal source of glare). With a built-in hood, the product appears flat-to-ground when installed and precision optics ensure that back light and ULOR are kept to a minimum and are proven to be significantly better than lensed alternatives found in lower quality fittings. Kingfisher Lighting work tirelessly on both the development of our product range and with recognised industry bodies to ensure our offering and practices are sustainable and have minimal harmful impact on people, animals and the wider environment. To this end we have designed the Amnis range to offer 0% ULOR, flicker and glare-free viewing, as well as vastly reduced back spill to alleviate obtrusive light in accordance with ILP's Guidance Note 1 for the reduction of obtrusive light 2021. Additionally, the AMNIS Series is accredited by the International Dark Sky Associations (IDA), therefore comply with the strict criteria preventing light pollution and giving peace of mind that local residential and wildlife habitats are not disturbed.