

Stand golf club lighting design

Lighting design carried out on 17/4/26 for stand golf club incorporates the use of downward facing post top street lamps – LDL Street small and downward facing compact bollards - LDL Edgar.

The car park lighting uses 4m post top fittings, a low height street lamp selected to reduce overall light spill whilst providing adequate illumination for the car park users. This design uses 4000k diodes for clarity in this space. Depending on the emphasis for environmental impact, these can also be offered in 3000k to reduce the overall impact on local animal species.

The street lamps use asymmetric optics to direct light to the desired areas, and reduce unwanted light spill beyond the car park boundary. Overall light spill is reduced to 0lx as the perimeter of the club meets with the road, see page 63 for site demonstration.

Bollard lighting across the walkways are reduced to 200mm in height, with 27000k diodes to reduce environmental impact on the extremities of the site. This style of bollard also provides very low light spill with direct downward illumination. These are the only fittings designed into the outer pathways. This gives discreet illumination, and reducing any glare to the eastern side of the site, where the majority of the neighbouring properties are situated.

Overall, the design demonstrated concentrated beam angles to control light spread, and by using low level, downward facing lighting, spill and glare to neighbouring properties would not be an issue.

Depending on the client's requirements for security coverage into the car park, the 4000k post tops could be installed with 3000k diodes to further minimise impact on local wildlife in line with dark sky lighting methods. I would argue that this would balance the aesthetic against the 2700k bollards. This should be clarified with the CCTV manufacturer that it would be an effective measure in advance.