



Reference Solar Lighting to the Multi-Purpose Sports Track

Millom School Playing Field

Salthouse Road

Millom

Design, Access and Method Statement

The proposal is to provide solar Lighting to the recent development of the Multi-Purpose Sports track at Millom School Playing Field . Planning reference PA/21/NW/COP/58125. There is a lighting design provided by Prolectric that illustrates the design, areas where the lighting will be installed and the lux of the lights. The areas where the lights are to be installed are the areas where it has been deemed to give the best amount of lights in the areas that need it. The first area is the 6 lane 130m area near to the school buildings. Please refer to photos. This is to be lit to an adequate standard and NOT to be lit to Sport England levels. They have been positioned on the outside edge of the track, so that it does not affect the pitches and run offs from the Rugby pitch. These lights will come on automatically to an ambient status of 30% at dusk for a maximum of 6 hours. When members are using the track the PIR's will detect movement and rise to 100% output. While there is movement the lights stay at 100%. After 6 hours and not beyond 10pm the lights will turn off. There will be no PIR motion detection after 6 hours or 10pm. 6 in total. These will be placed every 21.66m along the 130m area.

The second area of the lights are to be in the Northeast corner. This is a dark area and would give an amount of peace of mind and security to those running the full track. Security lighting has been addressed by the Government recently following the murder of a female on Clapham Common, London. The Multi-purpose Track wants the track to be accessible and feel safe during the darker hours of the day, in particular for female members. These lights can have the same settings or different from the race track but again they will be off by 10pm at night. 4 in total.

A final light has been placed further round to the north side near the tree-lined area. All lights are also on the block plan and the site location plan. This gives a total of 11 lights in total. The lights are very efficient and reliable and require very little maintenance. 1 in Total.

These 5 lights are positioned in the darkest area from start to end it is 300m around the track.

Information and installation

Prolectric AE3 and AE6 luminaires are high quality, year round, solar powered LED units. They provide permanent lighting. Simple and quick to install. There is no need to dig trenches or install trunking cables. The lights are positioned on Galvanised mild steel. On 6m columns.

Scientific officer for CBC has taken a look at the proposal. The maximum light levels on the track will be about 13 lux. He stated that these levels are unlikely to cause nuisance to the houses on Salthouse Road, especially given the proposed hours of operation and the separation distance. He also noted that there are 3 street lights along that stretch of road with a 4th street light on the other side of the access up to Huddleston Road. Refer to Block plan for the position of the street lights.

There is a block plan and Site Layout plan to indicate where in the field the lights will be positioned. Also refer to the attached photos to the planning application that will allow some visual idea of the lighting plan too.

The application has looked at the Institute of Lighting Professional – Guidance note for the reduction of obtrusive light and also Sport England –Artificial Sports Lighting Guidance for 2012.

The reason for the light is to ensure that we can get as much use out of the multi-purpose sports track as possible and the dark nights will not prevent the track from being used. It will offer greater flexibility for community use and longer operating hours and initiate more sport development programmes. The lighting will enable equal use of the track for both British Summer and winter time.

The design of lights will ensure there is no light spillage and they will not impact on the visual impact in the daytime of the lighting structures. The lights will be positioned to reduce spillage. The track will be used for walking, running and cycling and therefore will require only a reduced level of lighting for these activities. There should be very little light pollution from this design and only be 11 lights in total. There will be no issues with lights shining into bedroom or gardens of the neighbours. As level of lighting is low and away from the highways there will be no effect on the highway from the lights. The lights will not be positioned close to the pitches that are in the centre of the field. Grass pitch sports are also not played in the hours of darkness as there is an Astro facility on site within the school closed grounds. The Astro turf has much more powerful lighting in situ and these are used in the winter months currently. There is no facility on the playing field and multi-purpose sports track to facilitate field athletic events (throwing). Without the lighting the track will have significant restrictions during the winter months.

The maintenance costs will be kept low due to the fact that they are solar. There is a Community use agreement in place between Millom Community Track and the school to cover the maintenance costs of the facility. This agreement has been approved by the school and sought approval from

Sport England and CBC planning department. There is a minimum amount to be raised per year to cover the maintenance, which includes lighting.

Solar lighting will add additional benefit to the newly developed Multi- purpose track. Without this lighting the facility will not be able to be used as much as summer months due to the lack of daylight. This could have an impact on the health and well-being of individuals during the dark months of the year when they are less likely or not be able to get out and exercise safely.

The lighting will provide an additional benefit and asset to the Multi-purpose track. Additional information, specification and location plans are attached to the planning application. Funding has been sourced to provide the funds for this project.

Access to the lights will be from the CCC hub car park down the new ramped access onto the Multi-purpose track facility. The access that was used for the construction of the track is locked and the key held by the school. Refer to Photo. This is no longer an access point but lighting is proposed to be in this area as there is no lighting along the loring and it is very dark at night. Additional light in this area will ensure safety for those using the track.

The lights on the track will also benefit the local Running Club that has a junior section. This will enable the children to train outside all year. Millom Striders Running Club will be able to offer more beginners couch to 5K programme throughout the year rather than reducing the number of programmes due to winter months.