Twickenham Alive Ice Rink
Strawberry Hill House

Lighting Statement

The rink will be illuminated by small floodlights and festoon lighting. All floodlights will be fitted with horizontal cut offs and louvres if necessary to prevent light pollution from the event. Festoon lighting will use blue (or similar) lights to provide a softer and less intrusive impact.

Pathway lighting on the access and egress routes will also be adequate for Health and Safety, but restricted so as not to intrude on to neighbouring areas while still providing a sympathetic and festive appearance. Festive lighting would be placed in trees alongside the pathway, similar to the photographs below.

The rink will be lit by six outdoor flood lights, located at each corner of the rink and at the centre of the 22m rink sides. The skate changing area will be lit with 6 similar units in Amber/Blue or a similar 'warmer' colour.

Below are photographs of York House rink giving similar examples of floodlight and festoon lighting. There are also examples of discreet lighting inside the skate exchange.

A simple lighting rig of metal halide floods 12 at the rink will be attached to the upright scaffold tubes which will be counter-sunk in bases and subsequently ballasted – 4m Stainless steel scaffold tubes fixed into foot plates that are screwed into the platform base and then frozen into the ice for added structural integrity.

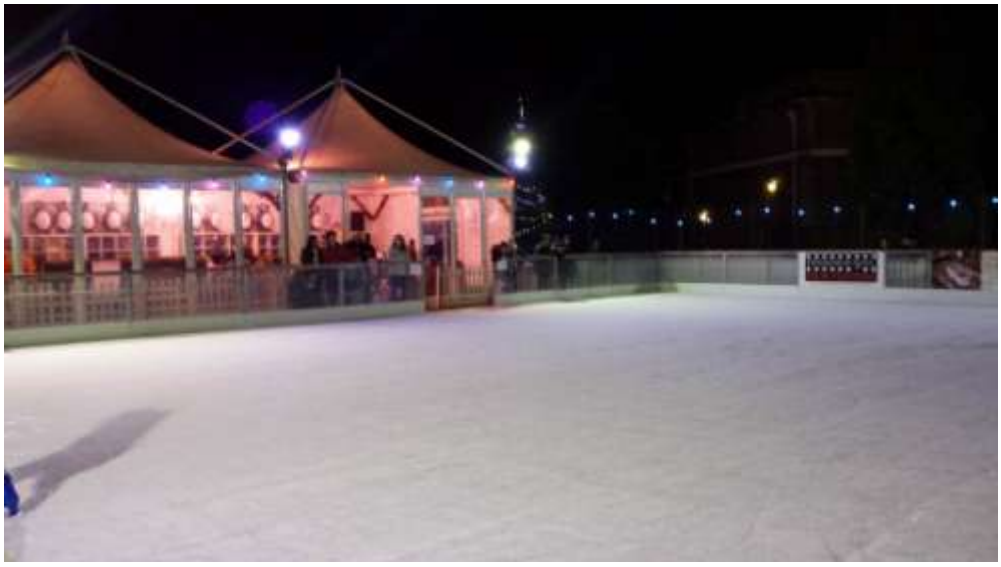
The rink floods will be mounted on 4m scaffold uprights and angled down onto the ice surface in order to illuminate the rink not the site. The lighting units are fixed to the upright with clamps, the power cable is taped flat to the pole and cable tied at top and bottom.

The 4 corner positions will give enough options for a good level of coverage across the whole rink ensuring that we do not experience 'dark spots' on the ice which can be disorientating for skaters.

For the site illumination we are looking at entrance and egress points mainly with the possibility of some decorative light.

All lighting units will be switchable and positions can be altered to suit the venue, but when the rink is closed none of the lighting units associated with the rink will be on.

There is absolutely no reason for any light pollution from these units as they are being used to effectively light the floor not the air across the rink therefore a maximum rigging angle of 45 degrees from horizontal and almost certainly much less will be required.



Floodlight, festoon and skate exchange lighting

Floodlight, festoon and skate exchange lighting

Skate exchange internal lighting

A list of proposed lighting equipment is as follows:

- 4 x 5m Telehoist Stands
- 2 x 4m Telehoist Stands
- 6 x Waterproof floods for Ice Rink
- 4 x waterproof speakers for Ice Rink
- 3 x Sodium floods for public area
- 16 x LED Par cans for main marquee
- 5 x Fluorescent for gazebo marquees
- 4 x Floor mounted floods for walkway
- Quantity of LED festoon lights for rink and trees