

Sports Pitch Lighting Assessment Statement – Amendment Summary - 14.04.23

The Michael Grubb Studio Sports Pitch Lighting Assessment document: 547-(010)-RP-EX-LA-B, has been amended to meet LBRuT, Sports England, and ILP lighting level (Lux) requirements.

Lighting calculations are based on Sport England Guidance Document and ILP Guidance Notes for Obtrusive Light 2021. The maximum delivered lighting intensity of obtrusive light towards each observer is considered acceptable and within ILP Guidelines, currently calculated below the 10-25Lux requirement.

To ensure Sports Pitch lighting has minimal spill lighting within compliant levels, the selection and position of Reference CA/5 Column mounted luminaires have been amended. Through the integration of luminaire accessories and careful positioning, spill lighting to adjacent buildings 18 and 19 is now negligible and well below the ILP Guideline values. Please refer to results tables and graphs indicated in document: 547-(010)-RP-EX-LA-B.

Lighting proposals have been developed to comply with following British Standards, CIE Publications, ILP Publications, and SLL/CIBSE Publications. All luminaires have been positioned to omit light downwards, to ensure no impact on bat or other local ecologies, and a curfew for Sports Pitch lighting is also recommended. This will ensure the conservation of energy, protect ecologies, and to prevent use beyond operational hours.

Please read the Michael Grubb Studio Sports Pitch Lighting Assessment document: 547-(010)-RP-EX-LA-B, in conjunction with lighting drawings: 547-002-DR-EX-MP-D, and 547-005-DR-EX-MP-D.