

Lighting - Technical Notes

The proposed external lighting associated with the proposed new buildings, access ways, roadways and landscape will be designed taking note of the required design and regulatory requirements alongside any associated adverse impact on light pollution.

As such, a balanced approach to the project is proposed so as to achieve a high quality & environment for the users and one which minimises any light pollution or nuisance.

Light spillage has and will be considered on surrounding properties to minimise excessive light and impact on receptors.

Light pollution from spill light into the night sky has been considered with zero light output above 90° cut-off.

Adjacent transport routes have been considered and no adverse impact will occur to these.

The lighting design follows the CIBSE - SLL Guidance and Secured by Design principles to assist to minimise crime and vandalism. Any roadway lighting will be designed in accordance with BS 5489 and assessed for compliance.

Lighting will be time clock/light link controlled and only operate when required to meet the design needs.

All luminaires will use the LED light sources to minimise energy in use, maximise lamp life and reduce in life maintenance costs.

Colour rendition will be good/ very good to ensure any CCTV coverage is clear and visually the landscape and architectural material colours read true. In accordance with BS 5266 Emergency Light Facilities will be integral to luminaires adjacent building escape doors and any designated external escape routes.



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Iss	Date	Description	Drn	Chk
4	180207	for Planning, incorporating planning feedback	JB	EP
3	171207	for Stage 3	JB	EP
2	171121	for Planning	JB	EP
1	171112	First Issue	JB	EP

Notes
 Do not scale from this drawing
 All dimensions are drawn in millimeters
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Key

- Adopted highway lighting to appropriate standards
- General pedestrian area lighting
- Lighting to steps
- Pedestrian areas
- Area for event lighting to be lit by switchable high level lighting
- Approx 9m high event lighting masts, bespoke in corten steel
- Recessed bronze wall luminaire by Bega or similar
- Recessed luminaire for walls and stairs by Bega or similar
- Building mounted luminaire by Bega or similar
- Existing / relocated highways lighting column

Project / Client
 Twickenham Rediscovered Programme
 for London Borough of Richmond Upon Thames

Drawing Title
 Landscape & Public Realm
 Lighting Strategy

Scale @ A1
 1:200

Status
 for Planning

Job Nr
 7085

Drawing Nr
 LUC-LD PLN 201

Issue
 4