

*7 Lightscape*





## 7 *Lightscape*

### 7.1 GENERAL PRINCIPLES

#### These include

- Important for security
- Principles as for street furniture in general
- Considerable opportunity to enhance townscape and landscape
- Need for contrast with unlit areas/consideration of light pollution
- It is important that the design of the lighting unit as well as its functional requirements are related to the environment in which they are sited.

#### Other considerations

- **Historic columns** – should be refurbished where possible
- **Strength of columns** – if replacement is necessary then this should retain the character of the existing column.

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## 7.2 PROBLEMS

- Phased replacement of old concrete lighting columns
- Lighting columns can sometimes look too tall and out of scale with surroundings
- Poor quality of older lighting
- Numbering on lamp columns for identification can be intrusive.

## 7.3 GUIDELINES

- Avoid problems with lighting caused by vegetation
- Consider more subtle methods of numbering on lamp columns for identification
- A white light source is preferred for main conservation area locations and the riverside, although high pressure sodium may provide a softer appearance in residential streets. Modern softer white lighting may address this issue. Other lighting should either be white light or high pressure sodium. Very cold white lighting should be avoided
- Existing historic lighting should be refurbished where possible
- Painted steel columns are standard, dark green or black, according to location
- Decorative lighting – public spaces including town centres can benefit from accents of more sophisticated modern lighting
- Historic patterns suit some areas well but cost more than the standard column designs. Where appropriate they may require financial contributions from residents/sponsors
- Potential of using uplighting and illumination of structures
- Lighting in restricted spaces may work well attached to walls. Brackets should be kept simple
- Central island columns should generally not be provided on pedestrian refuges
- There is a need to consider street furniture siting issues such as proximity to listed buildings, views and pedestrian movement.



LG



Strand



Woody

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## 7.4 TYPES OF LIGHTING

### LG

Currently used in Kew Plaza, Kew and Lower George Street, Richmond

**Where to use** – Key urban public spaces with a particular focus on pedestrians. Can be used in both historic and modern spaces

### Woody

Heath Road, Twickenham

**Where to use** – Town centres and local centres. Incorporating separate lighting for the footway and the carriageway

### Strand

Hill Rise and Richmond Hill, Richmond and the approach to Hampton Court Palace

**Where to use** – In historic areas where taller lighting is required as an alternative to the Windsor light

### Oxford

Lawn Crescent, Kew and The Alberts, Richmond and Twickenham riverside

**Where to use** – Appropriate historic settings, some environmentally sensitive urban areas and riverside locations

### Castelnau type

Castelnau

**Where to use** – To extend within the conservation area.



Oxford



Castelnau



Globus

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In-paving lighting



War memorial

## Other types of lighting

**Barley sugar column** (not for new schemes) – Richmond riverside, Richmond.

**Globus** (not for new schemes) – High Street Teddington.

**Lightspike** (for restricted spaces) – Proposed off The Quadrant, Richmond.

**Painted steel** – Phased replacement of concrete.

**Christmas lights** – Their possible use should be taken into account with any new columns.

## General maintenance

- Wash down annually, particularly around the base to avoid build up of dirt and weed growth
- Paint every 5 years.

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Keep left signs



Uplighting bollards



Uplighting trees

### 7.5 UPLIGHTING AND IN-PAVING LIGHTING

#### **In-paving lighting**

A pilot project has been implemented in Richmond town centre, with the potential to extend this type of lighting to other areas within the Borough.

#### **Uplighting**

Used to highlight elements such as focal points, trees and signage. This may include LED lighting.

#### **Illumination of buildings and structures**

The potential for lighting appropriate buildings has not yet been fully realised in the Borough.

#### **Traffic lights**

Consider combinations with street lighting columns and offset posts to relate to railings and other street furniture positions. There is a need to site control boxes unobtrusively. The ideal colour of columns is dark green. Other colours are also used (see under signage 6.2).