

W03 Wall mounted facade lighting
Luminaire design to be further coordinated with Architect and cafe operator.
Lighting to provide soft discrete illumination to the cafe facades. Luminaires to have shielded good quality light sources preventing vertical light spill.

Lighting to the sculpture
U02 In-ground uplights
Softly grazing the solid sides of the structure
L02 Linear LED lighting
Concealed vertically within the sculpture to illuminate the lettering and inner detail of the structure.

Details to be developed in the following design stages.

W02 Discrete shielded wall light to secondary entrances
Design to be coordinated with Architect and Client.
Installation height and precise setting out to be coordinated with building elevations.

P01 Lighting post with street optic lantern
Providing general lighting to the parking area

P02 4m tall lighting columns
Rotationally symmetrical lighting columns with elliptical light distribution to provide amenity lighting to the cycle ramp and stairs in the area.

Lighting to parking and undercroft by Others.
Lighting intensity and colour temperature to be coordinated with the proposed lighting scheme.

Lighting to undercroft area by Others

Lighting to undercroft area by Others.
Lighting intensity and colour temperature to be coordinated with the proposed lighting scheme.

Lighting to undercroft parking by Others.
Lighting intensity and colour temperature to be coordinated with the proposed lighting scheme.

Any additional lighting introduced by cafe operator should be low glare, shielded from the top to prevent upward light glow and directed away from the river and lowpath.
Light outputs and light colour temperature should be coordinated with the lighting proposed for the rest of the development.

Lighting to delivery boxes by Others.
Lighting intensity and colour temperature to be coordinated with the proposed lighting scheme.

B01 Lighting bollard with asymmetric wide optic distribution
Providing amenity lighting to pedestrian and cycle routes

P01 Lighting post with asymmetric street optic lantern
Providing amenity lighting to main pedestrian and vehicular routes

W01 Shielded wall light to main entrances
Design to be coordinated with Architect and Client.
Installation height and precise setting out to be coordinated with building elevations.

ISOLINES KEY
The shown isolines illustrate the horizontal illuminance results calculated for the scheme for lighting scenes:

PRE-CURFEW (Sunset until 23:00)
POST-CURFEW (23:00 until Sunrise)

The lighting scenes (Pre and Post Curfew) are triggered by an astronomical time clock according to the sunset and sunrise times in the different seasons.
A detailed lighting control strategy will be developed in the following design stages.

Disclaimer:
1. For complete luminaire breakdown refer to Light Bureau luminaire schedule.
2. Where dimensions are not given drawings must not be scaled.
3. Contractors must check all dimensions on site.
4. Any discrepancies must be reported to the lighting consultant & architect before proceeding.
5. In event of conflict between drawings refer to the lighting consultant & architect before proceeding.
6. All copyright to this drawing is retained by Light Bureau Ltd.

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Rev'	Description	Date

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LIGHT BUREAU
PART OF AFRY

Client:
Berkeley Homes

Project:
Vastern Road, Reading

Drawing Title:
Lighting Layout. Post Curfew 01

Drawing No:
LB_1108_LL_02

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INDICATIVE LUMINAIRE SPECIFICATION

P01 LIGHTING POST WITH ASYMMETRIC STREET OPTIC LANTERN

Reference Product: DW Windsor Dayton 450
Description: 4m tall light column, high-performance post-top luminaire supplied with rear shield to reduce back spill. 2700K.
Optics:
A1 - 13W, 1652mm
A6 - 27W, 2710mm
B2 - 13W, 1650mm

*Arrow symbol on drawing indicates orientation

P02 LIGHTING POST WITH ELLIPTICAL OPTIC LANTERN

Reference Product: DW Windsor Sphera 450
Description: 4m tall light column, high-performance post-top luminaire. 2700K.
Optics:
B1 - 27W, 3463mm
B3 - 27W, 3490mm

B01 LIGHTING BOLLARD WITH ASYMMETRIC WIDE OPTIC DISTRIBUTION

Reference Product: DW Windsor Kirium Pro 200
Bollard
Description: 1m tall Lighting bollard with high vandal and impact resistance and low glare shielded optic. Supplied with rear shield to reduce back spill.
20W, 2100mm, 2700K, narrow asymmetric optic.

*Arrow symbol on drawing indicates orientation

W01, W02, W03 DISCRETE SHIELDED WALL LIGHTS

Reference Product: Plant from Zero Lighting
Description: Decorative wall mounted light with downward light distribution and shielded top.
10W, 622mm, 2700K.
*Specification is provisional - to be confirmed with final sculpture design.

U02 IN-GROUND UPLIGHTS

Reference Product: Lightgraphix LD34
Description: Ground concealed linear LED uplight with precise optical distribution and integrated glare shield.
12W, 814mm, 2700K, anti-flicker, anti-glare.
*Specification is provisional - to be confirmed with final sculpture design.

L02 LINEAR LED LIGHTING

Reference Product: Ledflex Ultimo Neon
Description: Flexible encapsulated linear luminaire for concealed integrated installation in sculpture.
120Wm, 6720mm, 2700K, anti-flicker, anti-glare.
*Specification is provisional - to be confirmed with final sculpture design.