



**Drawing Notes:**

1. Please refer to DCS20109-BWE-DC-ZZ-ZZ-DR-E-60019 for the latest version of the drawing.
2. All external luminaire shall be DALI controllable (switching + dimming) to allow for the following controls:
  - Mode 1: Automatic Astronomical Clock + Photocell (100% ON)
  - Mode 2: Automatic Astronomical Clock + Photocell (50% Dimming ON)
  - Mode 3: Automatic Astronomical Clock + Photocell (20% Dimming ON) Minimum Security lighting
  - Mode 4: Manual Override (100% ON)
3. The lighting system shall be centrally controllable from the main security office.
4. The lighting system shall be programmable to automatically switch between the above mentioned modes based on the day of the week and time of the day.
5. All emergency luminary to be switched 'ON' 100% emergency mode.
6. Contractor to allow for full lighting & FD&A system to be developed in the fuel tank and substation areas.
7. External lighting located at building facade to be Fed from nearest Ductile steel pole.
8. Pole mounted External Lighting are to be fed from nearest external feeder pillar via underground ducts.

Project History:

P01	STAGE 4A - OCTOBER 2018 UPDATE	DP/CH/00
P02	STAGE 4A - JULY 22 UPDATE	DP/CH/00
P03	STAGE 4A ISSUE	DP/CH/00
P04	STAGE 4A ISSUE	DP/CH/00
P05	STAGE 3 - 100% ISSUE	DP/CH/00
P01.1	STAGE 3 - 80% ISSUE	DP/CH/00
P00	Initial	DP/CH/00

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**Project Title:** London 4

**Drawing Title:** Site Wide External Lighting Layout

**Project Status:**

**STAGE 4A ISSUE**

**Discipline:** ELECTRICAL

**Status Code:** S4

**Project Number:** P20114

**Revision:** P05

**Drawing Number:** DCS20109-BWE-DC-ZZ-ZZ-DR-E-98204

**Project:** Originator - Functional - Spatial - Level - Form - Discipline - Number - Revision

**Notes:** WEEE and RoHS regulations shall be complied with. It is assumed that all work will be carried out by a competent contractor. Where applicable, it is an approved method statement.