

Details of New Road Lighting Installation

To be completed by the designer and sent to the Local Roads Authority prior to any work commencing.

Location

Drawing Number

Designed by Position

Lighting Design

	Calculation 1	Calculation 2	Calculation 3	Calculation 4
Designed to BS 5489	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Lighting Category	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Column Numbers	<input type="text"/> to <input type="text"/>	<input type="text"/> to <input type="text"/>	<input type="text"/> to <input type="text"/>	<input type="text"/> to <input type="text"/>
Column Arrangement	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Mounting Height	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Lantern Overhang	<input type="text"/> m	<input type="text"/> m	<input type="text"/> m	<input type="text"/> m
Effective Width	<input type="text"/> m	<input type="text"/> m	<input type="text"/> m	<input type="text"/> m
Lantern Type	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Lamp Type	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Lamp Wattage	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Lamp Design Lumens	<input type="text"/> KLm	<input type="text"/> KLm	<input type="text"/> KLm	<input type="text"/> KLm
Maintenance Factor	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Design Results

	Calculation 1	Calculation 2	Calculation 3	Calculation 4
Software Used	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Calculated Eav/Lav	<input type="text"/> lux/cdm2	<input type="text"/> lux/cdm2	<input type="text"/> lux/cdm2	<input type="text"/> lux/cdm2
Calculated Emin	<input type="text"/> lux	<input type="text"/> lux	<input type="text"/> lux	<input type="text"/> lux
Calculated UO	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Calculated UL	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Calculated TI	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %	<input type="text"/> %
Surround Ration	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Electrical Design

Location Drawing Number

Circuit 1 - Column Nos Circuit 2 - Column Nos

Circuit 3 - Column Nos Circuit 4 - Column Nos

	Circuit 1	Circuit 2	Circuit 3	Circuit 4
Cable Type	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Cable Size	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Overcurrent Protective Device	<input type="text"/> A	<input type="text"/> A	<input type="text"/> A	<input type="text"/> A
Total Load - Steady State	<input type="text"/> A	<input type="text"/> A	<input type="text"/> A	<input type="text"/> A
Total Load - In Rush	<input type="text"/> A	<input type="text"/> A	<input type="text"/> A	<input type="text"/> A
Volt Drop at End of Circuit	<input type="text"/> V	<input type="text"/> V	<input type="text"/> V	<input type="text"/> V
Disconnection Time	<input type="text"/> Secs	<input type="text"/> Secs	<input type="text"/> Secs	<input type="text"/> Secs
PSCC at End of Circuit	<input type="text"/> A	<input type="text"/> A	<input type="text"/> A	<input type="text"/> A
ELI at End of Circuit	<input type="text"/> W	<input type="text"/> W	<input type="text"/> W	<input type="text"/> W

Total Power Kw Overall Protective Device Rating A

Main Isolater BS Isolater Type Isolater Rating A

Contractor/Relay Type Contractor Rating A Number of Poles

PEC Lux PEC Type Ratio to On/Off

Power Supply No of Phases Method of Earthing

I/We being the person(s) responsible (as indicated by my/our signatures below) for the design of the Lighting Electrical Installation, particulars of which are described on page 1 and 2 of the form **certify** that the said work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with the current Code of Practice for Street Lighting BS 5489, local authority current specification for the installation of street lighting and the Regulations for Electrical Installations published by the Institution of Electrical Engineers, 16th Edition, except for the departures, if any, stated in this certificate.

The extent of liability of the signatory is limited to the work described above as the subject of this certificate.

Name of Designer Position

Company

Signature Position

Address

On behalf of

Official Use Only

Checked by: Name Position Date