



# Lighting Consultancy

## Exterior Lighting Design Specialists

### Street Lighting Design

MMA Lighting Consultancy is an independent company specialising in Exterior Lighting and Electrical Design work.

We are based in the South of England and operate on a national scale delivering street lighting and lighting design solutions to a wide variety of clients from local government, engineering consultancies, lighting manufacturers, contractors and developers.

We can undertake all aspects of lighting design work locally or remotely from a clients office with experienced lighting design staff who strive for success and excellence.

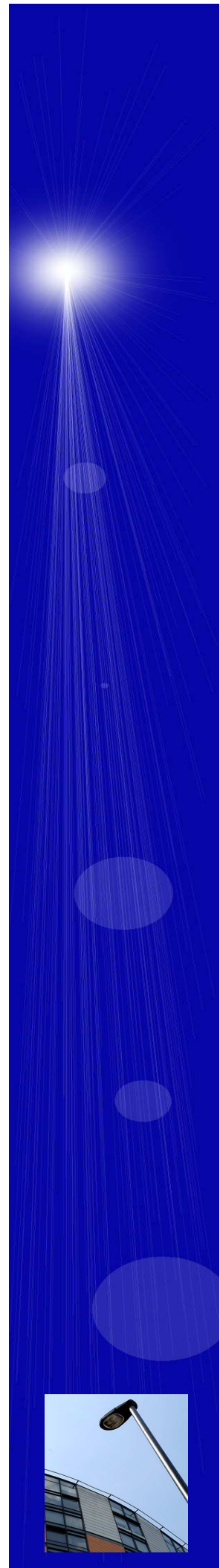
Our designers and consultants have been involved in the lighting industry for over 20 years and specialise in all aspects of exterior and street lighting design



MMA Lighting Consultancy Ltd is a specialist exterior lighting design consultants set up by Mark Chandler and Massimo D'Angelo. The company principally carries out lighting design within the UK for clients who require a lighting designer / consultants to deal with the lighting requirements associated with their development, be it to either private or to adoptable standards.

MMA Lighting Consultancy has good working relations with most Local Authorities around the south east, and the UK. We do work for Local Authorities, Developers, Consultants and Architectural Practices who require the expertise offered by a Exterior Lighting Consultant. We use the latest computer design techniques offered, which include AutoCAD 2008, Philips Calculux, Urbis Turbolight and Lighting Reality to prepare our designs with three dimensional masking being applied to show the actual effect buildings will have on the distribution of modern exterior lighting equipment.

We can offer Designers and Consultants who have been involved in the lighting industry for over 20 years and have experience in most disciplines within the lighting industry within the south east and UK.



Our street lighting design services range from Housing developers, property developers, local authorities to civil engineering consultants. Our expertise allows us to produce extensive project designs reports which include,

- AutoCAD layout
- Lighting calculations
- Connection schedule
- Cover sheet
- Cable network and feeder pillar details
- Equipment schedule and numbering
- Standard detail drawings
- Liaison with the adoptable highway authority is also provided
- Electrical Calculations and Ducting layouts

This gives the Client a complete solution including lighting of private areas as well as adoptable section 38, 106 and 278 works.

## What we do?

### Feasibility studies

- Site appraisals/ development
- Planning constraints for existing and new lighting
- Review of sports lighting for local authority approval
- Environmental planning reviews

### Lighting design solutions

- Commercial, architectural and residential
- Highway lighting design to BS EN13201 and BS5489
- Housing development section 38 and section 278
- Lighting Art/Structures
- Decorative lighting solutions using heritage equipment
- Private area lighting design (housing and commercial)
- Design check and independent verifier for PFI's
- Standard detail drawings

### Site investigations and survey solutions

- Lighting Surveys
- Site marking prior to installation
- Supervision of contractor and site
- Light level readings to BS EN13201-4 and the ILE TR28
- Commission of lighting installations/Handover documents

### Electrical Network designs

- Single Phase network designs to 17th edition wiring regulations
- Three Phase network designs to 17th edition wiring regulations
- Feeder pillar schematics for private installations
- Feeder pillar layout designs for private installations

### Other services

- Management of street lighting improvement programmes
- Management of street lighting maintenance budgets and operations
- Secondment of staff to local authority and consultancy offices
- Feeder pillar layout designs for private installations
- Producing lighting policy documents and asset management plans (TAMPS)
- Management of WiFi installation projects
- Contract preparation

## Contact MMA

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