

## Lighting - Service Standards

Our Lighting Service aims to:

- Assist in the safe movement of traffic and reduction of night time accidents by providing appropriate lighting on roads within the built environment and urban centres
- Contribute to the commercial and social use of town centres, amenities and tourist activities by improving the night time appearance and accessibility
- Assist in reducing the fear of crime and aid visual recognition on public roads through use of white spectrum Light Emitting Diodes (LEDs)
- Protect and Enhance the built environment by providing an efficient and effective lighting service for those roads and footpaths that have lighting installations
- Safeguard and Enhance our night time environment by reducing light pollution, obtrusive light and carbon emissions through ensuring that only the road area is illuminated by using more controlled, low carbon, long-life LED lighting that doesn't spill light into private areas

### Design Standards

The "Code of Practice for the Design of Road Lighting BS5489-1:2013", issued under the provisions of the "Roads (Scotland) Act 1984", defines the maximum and minimum illumination levels for different road classifications, environmental locations and uses.

The Scottish Government's "Guidance to Accompany the Statutory Nuisance Provisions of the Public Health etc. (Scotland) Act 2008" assists in applying the provisions of the "Environmental Protection Act 1990" introduced in the 2008 Act. This defines the requirement for lighting installations to be directed and controlled to reduce light pollution and to help meet the Government's targets for reduction of carbon emissions detailed under the "Climate Change Act 2008".

### Maintenance Standards

The "Well-Managed Highway Infrastructure: A Code of Practice" document issued by the UK Roads Liaison Group provides a framework of recommendations by which road lighting maintenance policies can be developed in support of the provisions of the "Roads (Scotland) Act 1984". The "Guidance Document for Road Safety Inspections and Defect Categorisation", issued in response to this defines the local maximum response times when lighting defects are reported to the Council. These are as follows:

Category of defect	Timescale for response	Example of type of defect
<b>Category 1</b>	<b>4 hours</b> If it is not possible to correct the defect at the time of inspection, the unit(s) will be made safe and warning signs erected with coning as required, to provide public safety	Doors off
		Exposed cable
		Hanging lanterns and or shades
		Sections of 4 or more consecutive lights
		Insecure leaning column
		Damaged lighting column in danger of collapse
<b>Category 2</b>	<b>7 days</b> If it is not possible to repair the unit at first visit a further 7 day response extension will apply. <i>** Units with no electricity supply will be subject to repair by the appropriate Network Operator e.g. Scottish Power or Scottish &amp; Southern Hydro Electric. Those repair times are out-with the control of the Council</i>	Up to 3 consecutive dark lights
		Cable fault repairs requiring ground excavation affecting 4 units or more
		Faulty or missing lantern/shade replacement
		Intermittent/flashing faults
<b>Category 3</b>	<b>30 days</b> Will be inspected within 7 working days for assessment and inclusion in the next available works programme within 30 working days	Single unit column replacement (damaged, irreparable, cut down)
		Secure but leaning column
		Cable faults requiring ground excavation affecting 3 units or less
		Removal of old column after disconnection from Electricity supply
<b>Category 4</b>	Within next available works programme subject to statutory notices.	Lighting obscured by vegetation not causing high traffic risk
		Unauthorised signage removal not causing obstruction

\*\* Scottish Power are the major Network Operator in North Ayrshire mainland and they will provide programming updates on request to those affected by any supply faults to street lighting that they have been notified of by NAC.

Members of the public can be provided with a job reference number by the Council for any Scottish Power fault and can request an update by accessing the Street Lighting Enquiry form online at

[https://www.spenergynetworks.co.uk/pages/streetlighting\\_enquiry\\_form.aspx](https://www.spenergynetworks.co.uk/pages/streetlighting_enquiry_form.aspx)