

1.8 Maintenance

It must be recognised that electric light within an installation will depreciate with time. To minimise the effect of this a maintenance programme will need to be designed and implemented. The maintenance programme will also affect the lighting design and the designer will need to state the maintenance programme on which the design has been based, otherwise, there could be problems when a client is comparing different design proposals. It will also be important for the client to be provided with a maintenance schedule so that they know what will need to be done. Chapter L discusses the various factors that need to be considered when developing a maintenance program for outdoor installations. It is mandatory to apply the correct maintenance factors in all light calculations and designs.

See Figures from 143 onwards as samples of long term poor maintenance undertakings.



Figure 143

Damaged street light if left unresolved can be potentially dangerous as well as not performing its task which is an additional risk for car drivers and pedestrians.



Figures 144, 145

Damaged glass globe above street, pedestrian walkway.