

Lighting Assessment

The new screen housing has been designed to replicate the existing poster display units so that they are less intrusive to the street scene, especially in areas under a conservation act. The screens will be showing a mix of moving and static images, but mainly static. We use the screens to give the public information on our current products, branch specific information (manager name and picture / open hrs etc.) along with Santander supported, local charity information.

The screen display transitions between images an average of once every 30 seconds or so depending on the requirement. Santander's objective is that they should be viewed just as a poster would be, but with the added benefit of being better for the environment (no poster change every month), can display a range of local information and will be easier to update remotely.

There are no flashing images and the screens have now been tested and will be dimmed for the hours between dusk and dawn to minimise the sensitive nature of conservation areas.

Night time dimming (dusk till dawn) will be down to just 16% of the daytime brightness so that the screen appears more of an illuminated poster. Dimming will be scheduled in line with mean sunset times throughout each month.

I have included some of the brightness measurements below for the operation of the screens:

Standard screen full brightness maximum capacity: 500 nits

Standard screen operating level during the day (Eco Setting): 350 nits

Standard screen dimmed @16%: 80 nits (from dusk to dawn and adjusted quarterly to suit)