



...making light work

CASE STUDY

A modern Sugar Cube house on the outskirts of Bath



Simple and design neutral lighting solution for a stylish modern development



THE BRIEF

Re:light was approached by the client, who also acted as the developer and main contractor, to come up with a creative and cost effective lighting solution for this fantastic new build house. The scheme also needed to be sustainable and easy to maintain.

Whilst the building justified a high level of design we had to bear in mind that there were tight budget constraints as this was a development project intended for resale.

In short - the solution had to be sustainable, creative, cutting edge, attractive and economical whilst retaining mass appeal.

THE SITE

This impressive, contemporary detached property is set in a quiet, leafy and elevated residential location on the eastern outskirts of the city of Bath. The building occupies a south facing plot enjoying beautiful views of the city.

The house is stone built and cedar clad and has been finished to the highest specification. This level of high finish continues internally where a contemporary, open plan, split-level four bedroom home provides the backdrop for a sleek, minimalist lifestyle.



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THE SOLUTION

AMBIENT LIGHTING

To mirror the clean lines of the house the main light source was achieved through the use of frameless plaster-in downlights combined with Part L compliant retro-fit LEDs. Free standing lighting was enabled by the strategic placing of 5 amp floor boxes. These circuits meant the large open plan living area could be given the effect of different rooms or spaces by using different circuits of lights.

DETAILS

With the client being both the contractor and the developer we were presented with the exciting opportunity to design a scheme that was built into the fabric of the house. For example, by sinking the light source at the base, we were able to uplight the polished concrete wall in the entrance hall to give a 'floating' effect.

Objects displayed in recesses were illuminated with integral lighting and roof lanterns, providing natural light by day, were edged with LED strips. These unobtrusive strips provided a pleasing effect at night time

CONTROL SYSTEM

To stay within budget we proposed a simple 8-Zone wall mounted control system to be used in all major areas that was linked together to create one system, as opposed to using a more expensive, centrally located multi system. This enabled the client to create various 'scenes', final exit switching and a level of security and anti-panic lighting.

EXTERNAL

Tube lighting was rendered into the 'pelmet' of the building providing a subtle wash of light falling from the cedar cladding. This was complemented by the installation of up and downlighters by the solid cedar front door giving those entering, literally, a warm welcome.

The trunks of pleached trees to the rear of the site, were lit from in-ground light sources creating a striking scenario and after dark visual interest when viewed through the bank of windows overlooking the garden.

THE RESULTS

