

Lighting Statement

To accompany Lighting Scheme by Bever Innovations

Where the canopy is so close to the road even with asymmetric optics we still have some spill when getting to the required light on the front row of pumps but this spill to the road will be more than wiped out by the very large LED street light seen on google directly in front of the site (of which there are several directly around it).

We have included a note in the text for preliminary marks that 'existing crossing entrances to site shown on ADS drawings are the responsibility of highways department to illuminate' which I think is fair as we cannot deliberately put light on to the pavement/highway even if is quite large in relation to the site entrances behind it but with the big streetlights in front of the site they already have a lot on the entrance thresholds, we just can't plot it for technical reasons.

For this site we think it's more a question of light spill towards the direct neighbours who are actually surrounded by the boundary of the site.

Any lighting in the wash/EV area will logically put light on the adjacent house/shop, we have controlled that with sensible sized posts down to about 5 lux which is the maximum for a city centre location at night.

Unfortunately the windows at the side and rear corner of the house that are part of the next door building catch some light from the canopy side which is only to be expected as so close.

Also to keep things simple and the Dialux short we have not put anything around the side and rear of the PFS shop, only included a couple of small wall mounts on the front elevation to top up on the front corner of the shop as needed because the door is there and where a cashpoint would likely be towards the rear as well as the end of disabled bay/plant area doors.