

LIGHTING STATEMENT

THE CROWN

Carfax

Horsham

RH12 1DW

Introduction:

The proposal is to replace the existing signage at the above site

ITEM 01 Projecting sign • 8W LEDSpotlight.Warm white illumination.

This item is a simple pictorial panel replacement and the existing spotlights will be replaced with new of the same size and illuminance

ITEM 02 Three sets of replacement house name letters - Illuminated by brass cowl lights

- Swan Neck/Signage Cowl Lights
 - **Construction:** Polished/lacquered brass or powder-coated black.
 - **Light Source:** Usually ES27 (large screw) LED bulbs, 9W to 12W.
 - **Lumens:** 780 lm (Warm White) - 960 lm (Cool White).
 - **Dimensions:** ~250mm diameter dome; 380mm-470mm projection.
 - **IP Rating:** IP23 (typically downward-facing only).

These cowl light will replace the floodlights which currently illuminate the existing letters

ITEM 04 Two menu cases

These would be back lit with low level illumination and replace existing menu cases of the same type

ITEM 05 Five brass lanterns

These would replace the existing lanterns of the same style and illuminance but finished brass

ITEM 06 Eight slimline floodlights

These would replace existing floodlights details below

Slimline LED floodlights are compact, energy-efficient security lights featuring die-cast aluminum housing,tempered glass lenses, and IP65/IP66 ratings for water/dust resistance. They typically offer 10W-200W+ power (approx.100lm/W), 3000K-6500K color temperatures, and a 120 beam angle. Common features include a 25,000–50,000 hour lifespan, 220-240V input, and optional PIR sensors.

Key Technical Specifications:

- **Power & Output:** 10W to 500W models available. E.g., 20W (1500–2000lm), 30W (3000lm), 50W (4100–4250lm), 200W (16,000–24,600lm).
- **Color Temperature:** 3000K (Warm White) to 6500K (Daylight/Cool White).
- **IP Rating:** Generally IP65 or IP66, suitable for outdoor, exposed, or security applications.
- **Voltage:** 220-240V AC 50/60Hz, with some industrial models supporting 90-305VAC.
- **Construction:** Slim profile, die-cast aluminium casing with toughened/tempered glass.
- **Beam Angle:** Typically 120 for wide-area coverage.
- **Lifespan:** 25,000 to 50,000 hours, significantly reducing maintenance.
- **Optional PIR Sensor:** IP44-rated, 10-meter range, 140-degree detection angle, and adjustable time/lux settings.

ITEM 10 Two small lanterns with warm white illumination as Item 05

The illumination would be restricted to opening times between 5pm and 11.30pm

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Ashleigh Signs Ltd