Lighting Statement – Halo-Lit Letter Sign

Planning Application: New Signage at 104 Bishopric, Horsham

---

1. Site Details

- **Applicant / Premises:** Collingwood Batchellor
- **Site Address:** 104 Bishopric, Horsham, RH12 1QN
- **Proposal Description:**
  New large replacement sign on front elevation. Built-up stainless steel text/logo, powder-coated satin white, with clear back trays on locators (50 mm returns). Illumination: halo-lit.

---

2. Sign Lighting Details

- **Illumination Type:** LED halo-backlit letters
- **Construction:** Built-up powder-coated stainless steel letters with clear acrylic back trays, mounted on 50 mm locators
- **Lighting Equipment:**
  - **LED Modules:** Mini LEDs
  - **Number of Modules:** 403
  - **Lumen Output per Module:** 25–32 lumens
  - **Total Estimated Output:** 10,075 – 12,896 lumens (diffused)

---

3. Light Distribution and Impact

- LEDs are mounted **internally facing rearward**, emitting light toward **diffused clear trays**.
- The light is **reflected off the wall** behind the letters, creating a **soft, even halo** around the character outlines.
- Beam spread is approximately **160°**, with diffusion ensuring **no direct forward-facing light** and **minimal light spill** beyond each letter.

Key Spread Characteristics

- **Mounting Depth:** Approx. 50 mm
- **Expected Halo Width:** 50–80 mm around each letter
- **Forward Light Spill:** Negligible
- **Upward Light Spill:** None

The lighting system is designed to ensure **low-glare, non-intrusive illumination**, in line with planning and environmental guidelines.

---

4. Operating Hours

- **Lighting will operate during the following times:**
  - From 09:00am to 16:00pm
- Operation is controlled via **automatic timers or photocells**

---

5. Planning Compliance

The proposed sign complies with local authority and national guidance relating to external illumination:

- **Fully diffused, rear-facing lighting** only
- **No visible light source** to public or adjacent properties
- **No light pollution or overspill** beyond the immediate wall area
- **Energy-efficient LED modules** with precise beam control
- **Timed lighting control** to reduce impact outside business hours

---

6. Conclusion

This lighting approach ensures that the signage provides a tasteful and effective visual presence for Collingwood Batchellor, while adhering to standards for light control and neighbour amenity. The **diffused halo effect**, combined with limited operating hours and low overall output, ensures minimal visual or environmental impact.