

Lighting Assessment – Proposed Internally Illuminated Fascia Signs

Site: Flame Grill & SFC Shopfront Units

Application Type: Advertisement Consent – Illuminated Fascia Signs

Prepared for Planning Submission



Figure 1 – Representative image of the proposed internally illuminated fascia signage (Flame Grill and SFC).

1. Description of the Proposed Signs

The proposal relates to two illuminated fascia signs located above the commercial shopfront units. The signs display the business names 'FLAME GRILL' and 'SFC'. Both signs will consist of internally illuminated fascia panels (lightbox type). The panels will be illuminated from within using LED modules housed inside the sign boxes. The illumination provides clear visibility of the businesses while remaining appropriate for the surrounding commercial high street environment.

2. Lighting Type

Both fascia signs will utilise internal LED illumination within sealed lightbox panels. The LED modules are positioned within the sign boxes to provide even backlighting to the sign faces. The lighting systems are fully enclosed and designed to minimise light spill beyond the faces of the signs.

3. Brightness (Luminance)

The maximum luminance of the illuminated fascia signs will not exceed approximately 300 cd/m² (nits). This level of brightness is typical for small commercial shopfront signage and ensures the signs remain visible without causing glare or excessive brightness within the streetscape.

4. Light Spill

The illumination is directed primarily towards the sign faces. Due to the enclosed lightbox design, light spill to the surrounding environment will remain minimal and is estimated to be below 10 lux at street level.

5. Hours of Operation

The illuminated signs will operate from dusk until 22:00 hours. Outside of these hours the illumination will be switched off.

6. Impact on Amenity

The modest scale of the fascia signs, controlled luminance levels and the use of low-energy LED technology ensure that the illumination will not result in unacceptable glare or light pollution. The proposal is typical for commercial shopfronts and will not adversely affect neighbouring residential amenity or highway safety.

7. Typical Manufacturer Specification

The signs will use commercial-grade LED modules typically supplied by UK signage manufacturers for internally illuminated fascia signage systems.

Specification	Typical Value
Sign Type	Internally illuminated fascia lightbox signs
Businesses	Flame Grill & SFC
Lighting Type	LED module system
Maximum Luminance	Approx. 300 cd/m ²
Estimated Light Spill	< 10 lux at street level
Colour Temperature	3000–4000K
Energy Use	Low energy LED system
Expected Lifespan	Approx. 50,000 hours

Conclusion

The proposed internally illuminated fascia signs have been designed to provide clear identification of the businesses while ensuring lighting levels remain appropriate for the surrounding environment. Illumination will be modest, controlled and limited to dusk until 22:00 hours.