

**80 George Street, Richmond, London TW9 1HA**

Planning Condition – No.32 Discharge U0146433: External Illumination. Revision A – 2<sup>nd</sup> July 2024.

As part of the planning conditions for 80 George Street, Richmond, London. Taylor Project Services have been asked to provide the information to discharge the details of the external lighting scheme.

*“No external illumination shall be installed, other than in accordance with details which shall previously be submitted to and approved in writing by the Local Planning Authority. Such details to include:*

- a. Locations of external lighting*
- b. Specifications*
- c. Lux plan (vertical as well as horizontal)*
- d. Spectrum of proposed lighting prior to implementation*
- e. Timings*
- f. Measures to reduce spillage*
- g. Phasing and implementation programme”*

To close out the planning condition, we have attached the lux plot overleaf modelled using DIALux software. We have shown calculation surfaces representing the surrounding buildings. There is also a luminaire schedule attached which indicates the proposed type of fittings, all of which have been selected to provide minimal outwards spill.

Surface 1 calculates the lux level impacting the building directly opposite 80 George Street. Surface 2 represents the buildings to the right, surface 3 represents the left and finally, surface 4 shows the lux affecting the area behind. These calculation surfaces show a small amount of light spill, that will directly affect properties around 80 George street. It is considered that the proposed external wall lights have minimal spill effects on the surrounding properties.

These external lights will be controlled via a timer switch & photo cell, allowing the user to have the luminaries on during all-weather seasons. We propose to set the timers during the summer to 8pm – 11pm & during the winter to 4pm to 11pm.

Completed by: Scott Maloney BEng (Hons).

