



KEY/LEGEND/NOTES

ALL LUMINAIRES TO BE CONTROLLED BY ASTRONOMICAL TIMECLOCK (SELF ADJUSTING) WITH PHOTOCELL AND OVERRIDE SWITCH

LIGHTING TO ULOR SLL Guide L09 & BSEN 12464

THE PROPOSED SITE LOCATION IS WITHIN THE NMCH BOUNDARY AND IT HAS BEEN ASSESSED THAT THE SITE AND ITS SURROUNDINGS CAN BE CATEGORISED WITHIN ILP ENVIRONMENTAL ZONE E3. THE CATEGORY APPLIES TO WELL INHABITED RURAL AND URBAN SETTLEMENTS, SMALL TOWN CENTRES OF SUBURBAN LOCATIONS.

THE LIGHTING DESIGN STRATEGY PROPOSED HAS BASED ON THE ECOLOGY REPORT SEEKING TO MINIMISE LEVELS OF LIGHTING AND MINIMISE THE EFFECTS OF OBTRUSIVE LIGHTING ON VULNERABLE AREAS.

GUIDANCE ON OBTRUSIVE LIGHT IS SET OUT WITHIN THE FOLLOWING GUIDANCE DOCUMENTS. FURTHER DETAIL IS PROVIDED IN APPENDIX A.

- COMMISSION INTERNATIONALE DE L'ECLAIRAGE (CIE) 190/2002
- CIE 190/1997: GUIDELINES FOR MINIMISING SKY GLOW
- THE INSTITUTION OF LIGHTING PROFESSIONALS (IPL) GUIDANCE NOTES FOR THE REDUCTION OF OBTRUSIVE LIGHT, 2011
- IPL PROFESSIONAL LIGHTING GUIDE 04: GUIDANCE ON UNDERTAKING ENVIRONMENTAL LIGHTING IMPACT ASSESSMENTS, 2013

A DESKTOP REVIEW OF THE SITE AND SURROUNDING AREA HAS BEEN UNDERTAKEN TO IDENTIFY AREAS WHICH ARE LIGHT SENSITIVE AND TO ESTABLISH THE APPROPRIATE ILP ENVIRONMENTAL ZONE CLASSIFICATION FOR THE APPLICATION SITE AS DEFINED BY THE ILPS GUIDANCE NOTES FOR OBTRUSIVE LIGHT (2011).

THE APPLICATION SITE AND ITS SURROUNDINGS HAVE BEEN IDENTIFIED FROM MAPS AS A SUBURBAN AREA. AS IT HAS BEEN IDENTIFIED THAT THE LIGHTING MAY AFFECT THE LOCAL WILDLIFE IT HAS BEEN THOUGHT THAT THE SITE WILL BE CATEGORISED AS ILP ENVIRONMENTAL ZONE E3 AS SET OUT IN ILP GUIDANCE NOTES FOR THE REDUCTION OF OBTRUSIVE LIGHT (2011). (SEE APPENDIX A).

Document Zone	Surrounding	Lighting/illumination	Elements
C0	Entrances	Safe	UNESCO heritage locations, Eco-Save Policy
E1	Historic	Historically dark	Material finish, loss of Our existing historical beauty etc.
E2	Rural	Low defined brightness	Village or relatively dark and no modernisation
E3	Suburban	Medium defined brightness	Small towns and no modernisation, pollution
E4	Urban	High defined brightness	Low CO2 pollution with high levels of night time activity