



Lighting Assessment

Lighting Assessment in respect of lighting
for a poultry installation

D J Huxley Farms, Land at Mulsford Farm,
Mulsford, Sarn, Malpas, Wrexham, SY14
7LP

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1.0 Introduction

This lighting assessment has been written in support of a discharge of conditions application for conditions attached to planning appeal decision APP/H6955/A/18/3208119, for the construction of a poultry installation including silos and all associated works.

The poultry installation will be located at Land at Mulsford Farm, Mulsford, Sarn.

2.0 The Site

The poultry installation is to be located next to the existing grain store on agricultural land. The poultry installation is a natural extension to the established area of agricultural buildings.

The lighting is to be positioned on the West gable ends of the building. They are not on a PIR sensor and will only be in use for short amounts of time during the winter months.

Please see attached Appendix 1, which illustrates the location of the lights on the buildings.

It is intended that two Halide 400w lamps will be installed in total, one on each West gable end of the buildings.

3.0 Lighting Specification

Two Halide 400w lamps will be mounted on the West gable end of the buildings. The lights to be installed are of die-cast aluminium, anti-light pollution low glare, with asymmetric reflectors, designed for operation with the glass horizontal, so as to give no light spill or trespass light and no sky glow effect.



Darksky Compact with wire guard



Darksky Compact



Darksky with wire guard

Main Characteristics

Dimensions (in mm)	W 450 x D 180 x H1 425 / H2 55
Weight (kg)	15,3
IP Rating	IP65
Cable Entry	Rear
Lamp Wattage	400
Lamp Length / Type	Metal halide tubular single ended
F marked	No
Vandal Resistant	Yes
No. of Lamps	1
Circuit Type	SON

Total Circuit Watts	431
Total VA	501,2

4.0 Proposal

The lighting is to be installed to enable the applicant to see when bird catching takes place during the night. The applicant does not envisage that the lighting will be on for prolonged periods of time.

The lighting will not be on PIR sensors and will be manually controlled.

The lighting will be installed at a suitable downward angle to minimise glare to its surroundings and to light the entrance to the buildings.

The visual character of the built and natural environment together with wildlife interests will not unacceptably be affected.

The lighting will not directly affect any road, footpath or neighbour. The lighting will be directed on to the hardstanding area immediately in front of the buildings and at a suitable downward angle so as not to cause glare. The orientation of the lights will safeguard the amenity of neighbouring residents in terms of light pollution. As previously stated the applicant only intends to have the lights on for short periods of time to enable the birds to be caught during the night.

5.0 Conclusion

It is concluded that the proposed lighting will not adversely affect the visual character of the built and natural environment and wildlife. The lighting will be sited and angled to provide the minimum illumination required by the applicant so as not to adversely affect road users, neighbours, the natural environment or wildlife.