

Key

- Proposed Varied Development Turbine
- Proposed Turbine to be Fitted with Visible Aviation Lighting
- 25km Detailed Study Area
- 5km Distance Radii
- LCT Scoped In To Assessment
- LCT Scoped Out of Assessment

Lighting Intensity ZTV

Vertical Angle of Lighting from hub (132m)	Turbine Lighting Intensity 200cd light	Turbine Lighting Intensity 2000cd light
3 degrees to 0 degrees	2200/2500cd	220/250cd
0 degrees to -1 degrees	2200/980cd	220/98cd
-1 degrees to -2 degrees	980/420cd	98/42cd
-2 degrees to -3 degrees	420/220cd	42/22cd
-3 degrees to -4 degrees	220/170cd	22/17cd
Below -4 degrees	Below 170cd	Below 17cd

Note:
Perception of theoretical candela intensity does not take account of distance.
No landform within study area exists at greater than +3 degrees vertical line of sight from the turbine lighting.

Scale 1:200,000@ A3

0 2 4 6 8 Km



Figure A8.9-3
Visible Aviation Lighting: Landscape Character Types with Theoretical Intensity ZTV

Bhlaraidh Wind Farm Extension
S36C Variation: EIA Report

