

Key

- Proposed Varied Development Turbine
- Proposed Turbine to be Fitted with Visible Aviation Lighting
- 25km Detailed Study Area
- 5km Distance Radii

Visual Receptor Locations Scoped In To Assessment

- Viewpoint
- Visible Aviation Lighting Photomontage Viewpoint
- Great Glen Way
- Core Path
- B862
- Residential Receptor Locations (Rs)

Lighting Intensity ZTV

| Vertical Angle of Lighting from hub (132m) | Turbine Lighting Intensity 2000cd light | Turbine Lighting Intensity 200 cd 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

Viewpoint Locations:
VP1. Track to Loch Liath
VP2. Old Bridge, Invermoriston
VP3. Meall Fuar-mhonaigh
VP5. Suidhe Viewpoint, B862
VP6. Summit by Suidhe Viewpoint, B862
VP7. B862 south of Foyers
VP8. Lochside picnic layby on B852
VP10. Great Glen Way near Carn a' Bhodaich
VP12. Creag Dubh
VP14. Meall Dubh
VP15. Path North of Affric Lodge
VP17. B862 South of Dores
VP20. Path North of Affric Lodge
VP21. Toll Creagach
VP26. A87 Bun Lonye

Figure A8.9-5
Visible Aviation Lighting: Visual Receptors with Theoretical Intensity ZTV

Bhlaraidh Wind Farm Extension S36C Variation: EIA Report