

Key



Isoline and illuminance value (lux) at 1m above the ground level.



Isoline and illuminance value (lux) at ground level.



Vertical calculation surface positioned at 1m above ground level.



Illuminance value (lux) on the vertical surface.



Location of bat box.

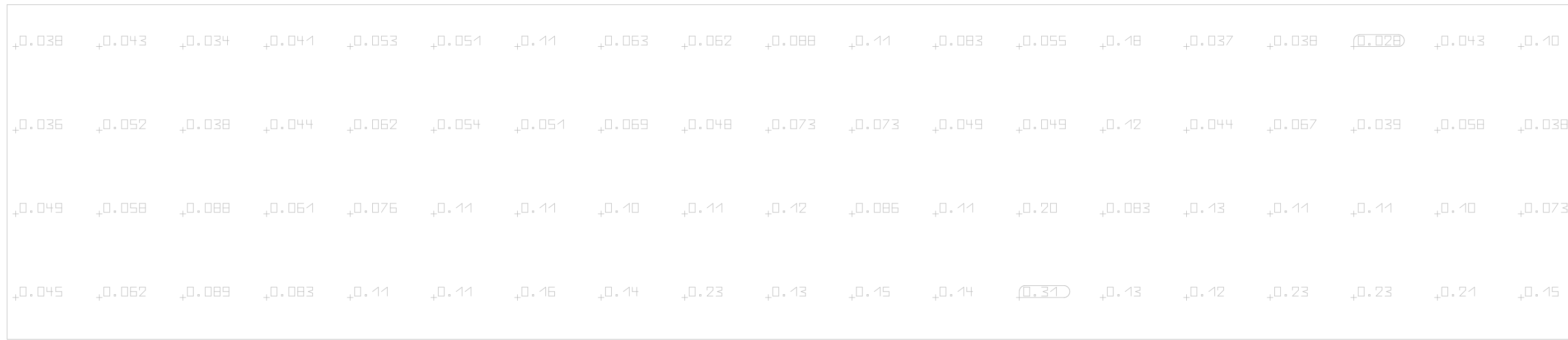


Dark zone requirement.

Notes

- Drawing to be cross-referenced with the Luminaire Schedule.
- Locations of light fittings (and circuits and controls, where required) can be found on the Layout Drawing(s).
- Illuminance measurements (conveyed as isolines / lux contours) have been calculated using a maintenance factor of 1.0.
- Dimensions are provided in millimeters.
- Illuminance measurements are recorded at regular intervals across the designated calculation surface.
- This lighting design calculation includes all light fittings on the Layout Drawing only.
- The FL1 floor lights emit 0.2 lumens (i.e. very low light output), therefore does not produce any isoline or illuminance values on the horizontal or vertical calculation surfaces.

V9) Vertical calculation plane is positioned 1m above the ground and is 3m high.



V10) Vertical calculation plane is positioned 1m above the ground and is 3m high.



V11) Vertical calculation plane is positioned 1m above the ground and is 3m high.



V12) Vertical calculation plane is positioned 1m above the ground and is 3m high.

 ECOLOGICAL LIGHTING SOLUTIONS WILDLIFE-FRIENDLY LIGHTING DESIGN		
Rev:	1	
Reason:	Additional calculation surfaces added	
Status:	For planning	
Date:	11/03/2026	
Project	Groundschool Irongate Farm	
Client	Irongate Farm Partnership	
Drawing title	Site Isolines 04	
Drawing no.	P26025 - 00 - 04 - ISO	
Project no. P26025	Service no. S1	Iteration no. I1
Drawn by OB	Checked by JK	Scale NTS