

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.

V5) Vertical calculation plane is positioned 1m above the ground and is 3m high.

0.041	0.056	0.044	0.051	0.040	0.077	0.065	0.065	0.14	0.046	0.071	0.041	0.060	0.11	0.057	0.041	0.099	0.035	0.20	0.029
0.11	0.065	0.060	0.071	0.055	0.052	0.060	0.056	0.084	0.10	0.053	0.053	0.085	0.081	0.23	0.056	0.051	0.39	0.048	0.049
0.080	0.071	0.095	0.071	0.079	0.099	0.071	0.078	0.078	0.065	0.066	0.11	0.078	0.072	0.19	0.096	0.16	0.09	0.063	0.077
0.13	0.12	0.12	0.38	0.11	0.12	0.11	0.11	0.11	0.11	0.10	0.10	0.11	0.12	0.18	0.098	0.091	0.092	0.11	0.085

V6) Vertical calculation plane is positioned 1m above the ground and is 3m high.

0.047	0.035	0.15	0.032	0.044	0.032	0.033	0.032	0.037	0.030	0.041	0.036	0.055	0.033	0.022	0.036	0.067	0.025	0.041	
0.045	0.051	0.32	0.047	0.047	0.16	0.051	0.048	0.051	0.057	0.039	0.032	0.12	0.026	0.045	0.061	0.025	0.059	0.029	
0.12	0.081	0.081	0.073	0.22	0.14	0.095	0.055	0.055	0.049	0.042	0.041	0.037	0.045	0.039	0.033	0.040	0.033	0.033	
0.095	0.11	0.11	0.092	0.088	0.17	0.095	0.090	0.093	0.070	0.077	0.079	0.063	0.053	0.048	0.049	0.046	0.040	0.056	

V7) Vertical calculation plane is positioned 1m above the ground and is 3m high.

0.055	0.048	0.11	0.043	0.043	0.058	0.11	0.059	0.058	0.062	0.063	0.093	0.051	0.045	0.043	0.038	0.039	0.14	0.056	0.069	0.050	0.048	0.039	0.045	0.061	0.049	0.10
0.075	0.074	0.053	0.052	0.039	0.045	0.050	0.068	0.085	0.11	0.075	0.073	0.082	0.14	0.058	0.056	0.047	0.046	0.14	0.054	0.049	0.051	0.067	0.17	0.10	0.049	0.071
0.084	0.072	0.060	0.12	0.049	0.071	0.066	0.073	0.085	0.11	0.091	0.15	0.094	0.083	0.071	0.11	0.054	0.055	0.086	0.28	0.061	0.089	0.084	0.075	0.074	0.063	0.060
0.11	0.093	0.072	0.071	0.084	0.084	0.088	0.10	0.13	0.14	0.14	0.15	0.13	0.11	0.085	0.083	0.095	0.081	0.077	0.079	0.48	0.079	0.10	0.11	0.087	0.090	0.076

V8) Vertical calculation plane is positioned 1m above the ground and is 3m high.