





Swivelpole™ Light Fixture & EPA Matrix

This table uses examples of commonly used light fixtures and is to be used as a guide only. Estimated EPA values (sail area) determined to be centrally located to top of the pole. The effects of eccentricity have not been considered.

Fixture	EPA*	Wind Regions**	Swivelpole™ Product Installed Height 2400mm						Swivelpole™ Product Installed Height 3000mm						
			S1	S3	S3	C1	C1	ST6	S1	S3	S3	C1	C1	ST6	
			M1 HG	M1 HG	M1 AL	M1 HG	M1 AL	M1 HG	M1 HG	M1 HG	M1 AL	M1 HG	M1 AL	M1 HG	
Coolon DLK MK2 460x440x180mm 	0.04	A	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	
		B	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	
		C	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	
		D	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	
Dialight Durosite LED Bulkhead 336x184x109mm 	0.04	A	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	
		B	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	
		C	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	
		D	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	
Thorn Fluorescent 675x110x180mm 	0.16	A	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	
		B	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	
		C	Green	Green	Green	Green	Green	Green	Red	Red	Red	Green	Green	Green	Green
		D	Green	Red	Red	Green	Green	Green	Red	Red	Red	Red	Red	Red	Red
Pierlite Fluorescent 1320x170x120mm 	0.20	A	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	
		B	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	
		C	Green	Red	Red	Green	Green	Green	Red	Red	Red	Green	Red	Green	Green
		D	Green	Red	Red	Green	Red	Green	Red	Red	Red	Red	Red	Red	Red

*Estimated EPA (m²)

EPA = Effective Projected Area

** Based on AS1170 Structural Design Actions

A - 45m/s, B - 57m/s, C - 69m/s and D - 88m/s

Legend

AL = Aluminium

HG = Hot-dip galvanised

Suitable

Unsuitable