



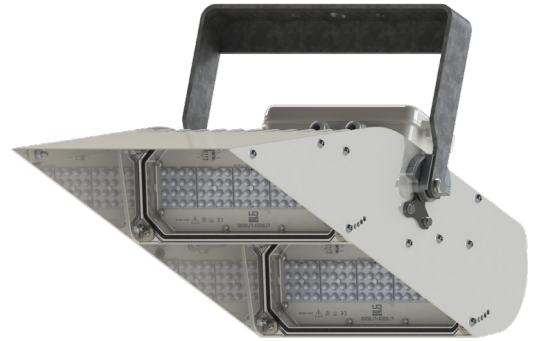
FL800D 4x4

TECHNICAL DATASHEET

FL800D-1 4x4 or FL800D -2 4x4 can be arranged on a mast with full azimuth rotation and tilt function. These versions have drivers built in so are self contained.

Each module has a range of optical distribution options and a range of elevation angles to build a combined luminaire photometric output that meets even the most challenging of schemes.

FL800D 4x4 uses AeroFlow® Cooling System to provide exceptional thermal management. Maximised heat dissipation enables a compact luminaire design, which can be retrofitted onto existing masts.

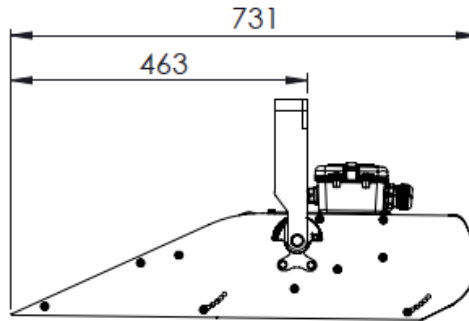
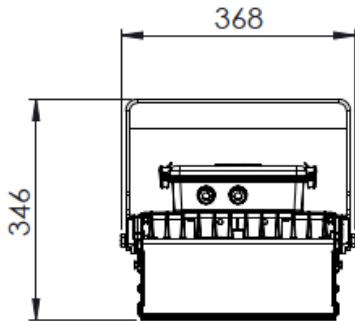


SPECIFICATION

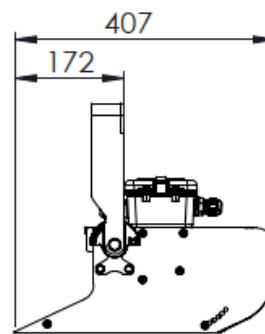
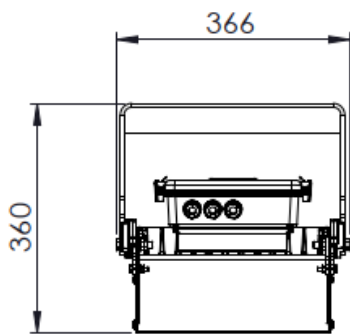
Light Source	High Power CSP LED	
Number of LEDs	80 LEDs per module	
Correlated Colour Temperature	3000K, 4000K, 5700K	
Colour Rendering Index	>70	
Optical Cover	Flat glass	
Max. Luminaire Efficacy at full power	141 lm/W	
Max. Luminaire Efficacy	153 lm/W	
Electrical Class	I	
Lumen Maintenance output	L80 @ 100,000 hours, Ta = 45°C L90 @ 100,000 hours, Ta = 25°C	
Driver Current	200mA - 900mA	
Operating Temperature	-40°C to +50°C	
Storage Temperature	-25°C to +80°C	
Installation Height	10 - 50m	
Installation	Stirrup mount	
Material	Marine Grade Aluminium LM6 (module), Aluminium side plates, Galvanised steel stirrup	
Finish	Polyester powder coated RAL 9010	
Ingress Protection	IP66	
Module Elevation Options	40°, 45°, 50°, 55°, 60°, 65° (select at time of order)	
Luminaire Tilt (on site adjustment)	-15° to +15° in 2.5° steps	
Product Configuration	FL800D-1-4x4	FL800D-2-4x4
Max. Luminaire Luminous Flux	29,206 lm	58,413 lm
Power Consumption	46 - 206W	92 - 412W
Wind Area (EPA)	0.056m ²	0.096m ²
Weight	8.7kg	14.0kg

FL800D 4x4

TECHNICAL DATASHEET



FL800D-2



FL800D-1