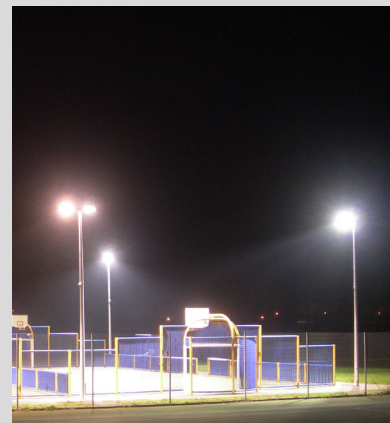
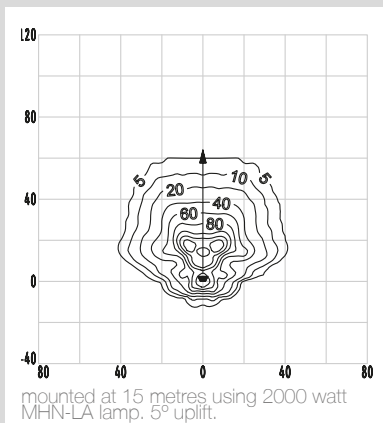
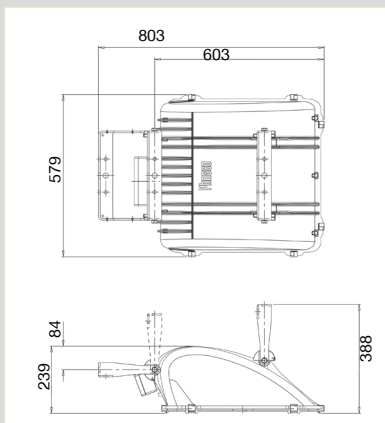




Photograph courtesy of Cheshire County Sports Club

FL550



Recommended Applications:

Mounting Height:

Wind area:

Stirrup fixing:

IP Rating:

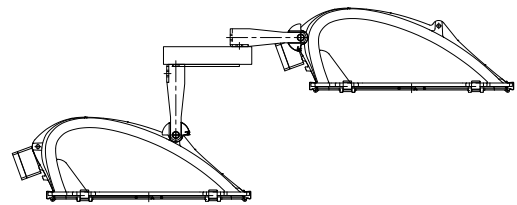
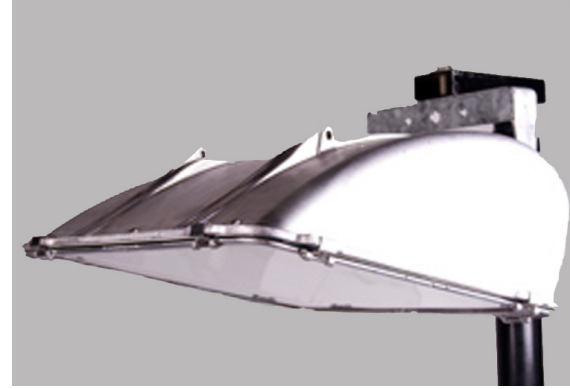
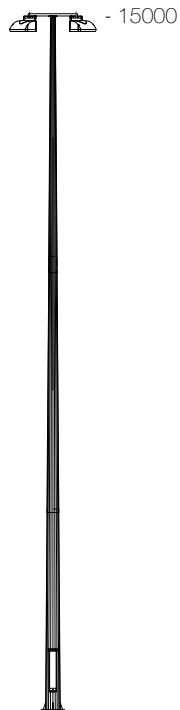
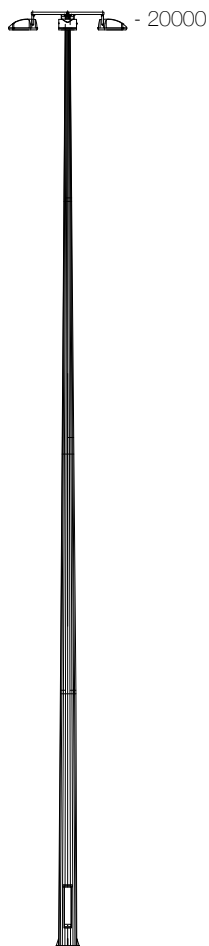
Sports facilities, high masts, airports, ports, industrial areas, railways

15 - 60m, for fixing on a floodlight bracket

0.14m²

In 2 positions

IP65



Mounted on CU Phosco
Type 14 Mast

FL550

A lightweight full cut-off floodlight designed to provide highly efficient illumination with no upward light on larger area with multiple lamp configurations as standard. The floodlight is suitable for lighting sports pitches, airports, ports and industrial/commercial areas. Usually pole or mast mounted the floodlight may also be fixed direct to structures such as spectator stands and buildings. The distribution is asymmetric in the vertical plane.

MATERIALS AND FINISHES

- LM6 marine grade high pressure die cast aluminium body
- IP65 lamp compartment
- Glass diffuser hinged from rear of floodlight for use on high masts but may be rotated for improved access in mid-hinge or base hinge column installations
- Specular aluminium reflectors
- Galvanised stirrup for supported or suspended mounting. This arrangement allows the floodlight to be rotated in azimuth and adjusted in elevation
- Elevation indicator for stirrup with anti-rotation discs to maintain aiming elevation under wind loading. Front and rear stirrup positions enables over and underslung floodlights without interference
- Variety of lamps available suitable for floodlighting
- Standard ignitor box or instant restrike ignitor box can be mounted directly to rear of floodlight

OPTIONS AND EXTRAS

- Instant restrike ignitor
- Range of optics are available
- Choice of RAL colours at extra cost
- Twin 400w lamp configuration

Floodlights

There are two types of floodlighting. The floodlighting of buildings and other features for decorative reasons and the floodlighting of external areas for night time use. Building floodlighting is a specialist area where we are pleased to offer advice but one where formulae and illuminance calculations are secondary to talent, experience and on-site trial.

For area and sports floodlighting there are recommended illuminance levels that provide a basis for lighting design. These are maintained illuminance levels, i.e. taking account of dirt build up on luminaires, lamp lumen depreciation, lamp survival and internal deterioration of reflectors (if relevant).

	Maintained Average Illuminance Lux	Maintained Minimum Illuminance Lux
AREA FLOODLIGHTING		
Car Park	10 - 20	5 - 10
Loading Area	50	15
Shopping Area	50	10
Security	5 - 10	2.5 - 5
Dockyard	20	5
Marshalling Yard	10 - 20	5 - 10
General Working Area	30	15

	Top Level Lux Level	Club Level Lux Level
SPORTS FLOODLIGHTING		
Football	800	120
Rugby	500	120
Hockey	500	250
Tennis	500	260
Athletics	500	300
Bowls	300	200
Basketball	300	200
Netball	300	200
Volleyball	300	200

The illuminance levels recommended above are guide levels. Specified levels for individual sports can be found from the sports association responsible or the Sports Council. The CIBSE provides guidance on general area lighting and the user, i.e. rail, port, may also have their own particular specification.

FL550 Floodlight

Wind area 0.14m²

Description	Product	Weight	Description	Product	Weight
Luminaire reference	FL550	17.7 kg	Twin 400W MBI lamp	400MBITW	1.2 kg
Twin 400W SON-T lamp	400SONTW	1.2 kg	1000W MBI lamp	1000MBI	0.4 kg
Twin 600w SON-T lamp	600SONTW	1.2 kg	1000W MHNLA lamp	1000MHNLA	1.0 kg
1000W SON-T lamp	1000SONT	0.4 kg	2000w MHNLA lamp	2000MHNLA	1.1 kg

Options	
Special colour RAL number	RAL

* Please note that the FL550 floodlights can only be supplied with remote control gear fitted into a WB520 or WB530 gearbox.

* Please also note that floodlights fitted with 2kW control gear will require a 3 phase electrical supply.