

PS-FIELD

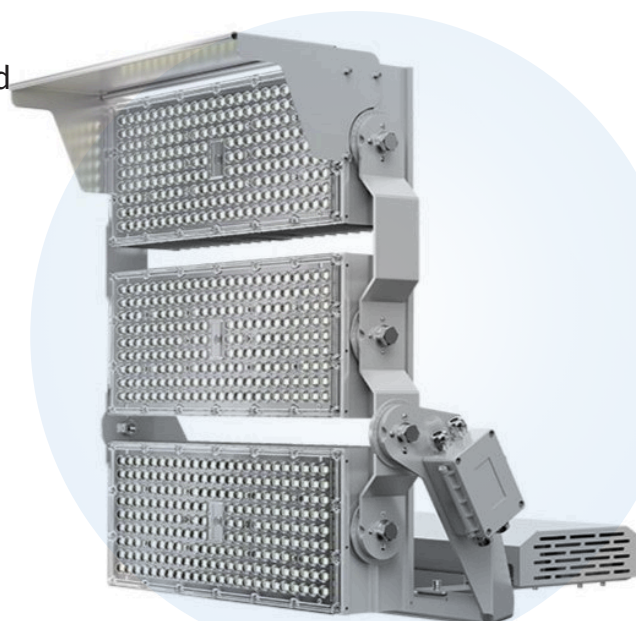
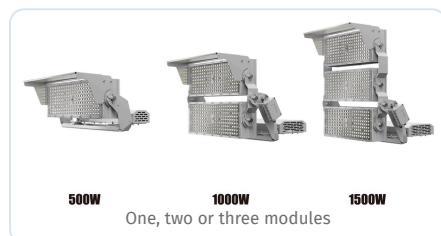
Modular LED high mast floodlight for stadiums and sports pitches

UP TO 1500 W

PRODUCT DESCRIPTION

PS-FIELD is our high mast floodlight for full-size pitches, stadiums and large outdoor areas. Built from one, two or three identical modules, it delivers up to 270,000 lumens from 1500 W at 180 lm/W. A finned pure aluminium body keeps weight and wind load low, so it can often replace old metal halide fittings on existing masts.

- › Up to 1500 W and 270,000 lm at 180 lm/W
- › Modular: one, two or three modules
- › 20°, 30° and 60° optics with low spill and back light
- › Integrated visor and precise angle scale
- › Laser sight aiming device (accessory)



180 lm/W
Efficacy



270,000 lm
From 1500 W



IP66
10 kV surge



5 Years
Warranty

APPLICATION: STADIUMS, PITCHES AND LARGE AREAS

Light for the big pitch

Football and rugby stadiums, cricket grounds, athletics tracks, 3G and grass pitches, ports and large car parks. PS-FIELD brings our small-sided football experience to full-size pitches and high masts.

Modular design

One, two or three identical modules give 500, 1000 or 1500 W from a single platform.

Asymmetric optics

20°, 30° and 60° beams with low back light and spill. The visor further cuts light pollution.

Accurate aiming

A scale on every module bracket and an optional laser sight (range up to 1,000 m) give fast, repeatable aiming.

Light and cool

Finned pure aluminium (209 W/m·K) for better heat dissipation: 27.5 kg for the 1500 W model.

Smart control

Sosen driver over 93% efficient, with DMX, DALI, ZigBee and 0/1-10 V options for scenes and dimming.

Broadcast option

High TLCI and CRI up to 90 for flicker-free filming.

CERTIFICATION



Tested to LM-79, LM-80 and TM-21.

PS-FIELD Technical data

Modular LED high mast floodlight for stadiums and sports pitches

SPECIFICATION

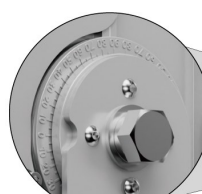
Input voltage	100 to 277 V AC, 50/60 Hz
Power	500 / 1000 / 1500 W
Luminous flux	90,000 / 180,000 / 270,000 lm
Efficacy	180 lm/W
LED	Cree 5050
Driver	Sosen, efficiency >93%
Power factor	>0.95
THD	<15%
CRI / SDCM	Ra >70 (up to 90 option) / <6
Optics	20°, 30°, 60°
Surge protection	10 kV (20 kV option)
IP / IK rating	IP66 / IK08
Operating temperature	-40°C to +60°C
Driver protection	OTP, OCP, OVP, SCP
Photobiological	RG0 / RG1
Lifetime	50,000 h; TM-21 L90B10 >50,000 h
Housing	Pure aluminium, 209 W/m-K
Control	DMX, DALI, ZigBee, 0/1-10 V
Weight	12.5 / 19.6 / 27.5 kg
Warranty	5 years



Front, three modules



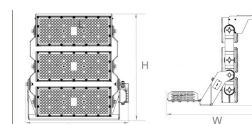
Finned aluminium rear



Precise angle scale



Laser sight aiming device



Dimension drawing: see table for L x W x H

TECHNICAL SPECIFICATIONS

Product	Power	Lumen output	Efficacy	Optics	Dimensions L x W x H	Net weight
PS-FIELD 500	500 W	90,000 lm	180 lm/W	20 / 30 / 60°	498 x 468 x 250 mm	12.5 kg
PS-FIELD 1000	1000 W	180,000 lm	180 lm/W	20 / 30 / 60°	605 x 630 x 421 mm	19.6 kg
PS-FIELD 1500 LARGEST	1500 W	270,000 lm	180 lm/W	20 / 30 / 60°	605 x 630 x 631 mm	27.5 kg

OPTIONS AND ACCESSORIES

- › Laser sight aiming device, range up to 1,000 m
- › Visor for spill and glare control (integrated)
- › DMX, DALI, ZigBee or 0/1-10 V driver

IDEAL FOR

- › Football and rugby stadiums
- › 3G, 4G and grass pitches
- › Cricket grounds and athletics tracks
- › Ports, rail yards and large car parks

LIGHT DISTRIBUTION



20°, 30° and 60° optics.

5 YEARS
WARRANTY

Every Polaris Light fitting carries a 5-year warranty. Send us your pitch or site layout for a free lighting design and lux plan.

