

PS-POWER

Anti-glare sports floodlight for 5-a-side pitches and courts

5-A-SIDE AND SMALL-SIDED FOOTBALL

PRODUCT DESCRIPTION

PS-POWER is our anti-glare sports floodlight for 5-a-side and small-sided football pitches, sports centres and courts. Asymmetric polarised optics and an optional visor keep glare away from players watching a high ball, while a DIP switch sets output to 100, 80, 60 or 40 percent for training, league play or competition. Choose 150, 240 or 400 W.

- › 150, 240 or 400 W at 170 lm/W
- › Output adjustable to 100 / 80 / 60 / 40% by DIP switch
- › Tennis optic 120° x 45°, padel optic 100° x 60°
- › Angle-adjustable visor for glare and spill control
- › Stainless steel mesh option, IK10
- › IP66, 6 kV surge protection, -40°C to +45°C



170 lm/W
Efficacy



4 steps
DIP dimming



Low glare
Visor option



5 Years
Warranty

APPLICATION: 5-A-SIDE AND SMALL-SIDED FOOTBALL

Small-sided football since 2015

Polaris has lit 5-a-side and small-sided football pitches and sports centres across the UK since 2015. PS-POWER mounts on perimeter posts around the pitch: asymmetric optics spread light evenly over the playing surface, visors limit glare for players and spill beyond the fence, and DIP switch dimming matches light levels to each session.



Pitch-ready optics

Wide asymmetric optics (120° x 45° and 100° x 60°) give even light across the pitch from perimeter posts.



Glare control

Polarised asymmetric optics work with the angle-adjustable visor to cut glare, back light and spill light.



Adjustable output

Set 100, 80, 60 or 40% on site to match training, league nights or competition and save energy.



Ball-proof option

Stainless steel mesh raises impact protection to IK10 for busy pitches and cages.



All-weather

IP66 rated for -40°C to +45°C with 6 kV surge protection (10 or 20 kV option).



High efficacy

170 lm/W: 68,000 lumens from the 400 W model and 40,800 lumens from 240 W.

CERTIFICATION



Marks shown for the PS-POWER range. CB SG PSB-LE-04896, CE AOC2603170025.

PS-POWER Technical data

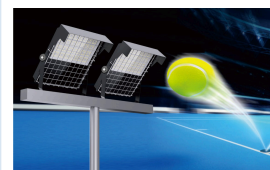
Anti-glare sports floodlight for 5-a-side pitches and courts

SPECIFICATION

Input voltage	100 to 277 V AC
Power	150 / 240 / 400 W
Output adjustment	100 / 80 / 60 / 40% by DIP switch
Luminous flux	25,500 / 40,800 / 68,000 lm
Efficacy	170 lm/W
Driver	Sosen, power factor >0.95
Colour temperature	4000K (tennis), 5000K (padel)
CRI	Ra >70
Optics	Tennis 120° x 45°, padel 100° x 60°
Surge protection	6 kV (10 or 20 kV option)
IP / IK rating	IP66 / IK08 (IK10 with mesh)
Operating temperature	-40°C to +45°C
Lifetime	L70B10 >108,000 h
Lens	PMMA lens with tempered glass cover
Weight	3.3 kg (150 W), 5.45 kg (240 W), 9.6 kg (400 W)
Cable	3 x 1.0 mm ² , 1 m
Warranty	5 years



With visor



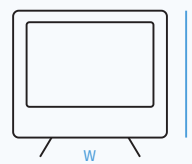
Twin mounting with mesh, IK10



Pole-top twin mounting with visors



Visor detail



Dimensions: see table for L x W x H per model

TECHNICAL SPECIFICATIONS

Product	Power (DIP settings)	Lumen output	Optics	CCT	Dimensions L x W x H
PS-POWER 150 Tennis	150 W (120 / 90 / 60 W)	25,500 lm	120° x 45°	4000K	332 x 279 x 57 mm
PS-POWER 240 Tennis	240 W (200 / 150 / 100 W)	40,800 lm	120° x 45°	4000K	403 x 333 x 57 mm
PS-POWER 400 Tennis LARGEST	400 W (320 / 240 / 160 W)	68,000 lm	120° x 45°	4000K	490 x 418 x 74 mm
PS-POWER 150 Padel	150 W (120 / 90 / 60 W)	25,500 lm	100° x 60°	5000K	332 x 279 x 57 mm
PS-POWER 240 Padel	240 W (200 / 150 / 100 W)	40,800 lm	100° x 60°	5000K	403 x 333 x 57 mm

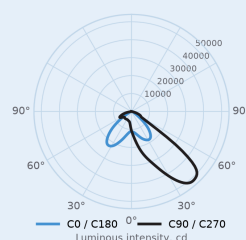
OPTIONS AND ACCESSORIES

- › Angle-adjustable metal visor (150 W, 200/240 W, 400 W)
- › Stainless steel mesh protection, IK10

IDEAL FOR

- › 5-a-side and small-sided football
- › Sports centres and training pitches
- › Multi-use games areas and cages
- › Tennis and padel courts

LIGHT DISTRIBUTION



Tennis 120° x 45° optic, 400 W

5 YEARS
WARRANTY

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

