

PS-PADEL-LINEAR

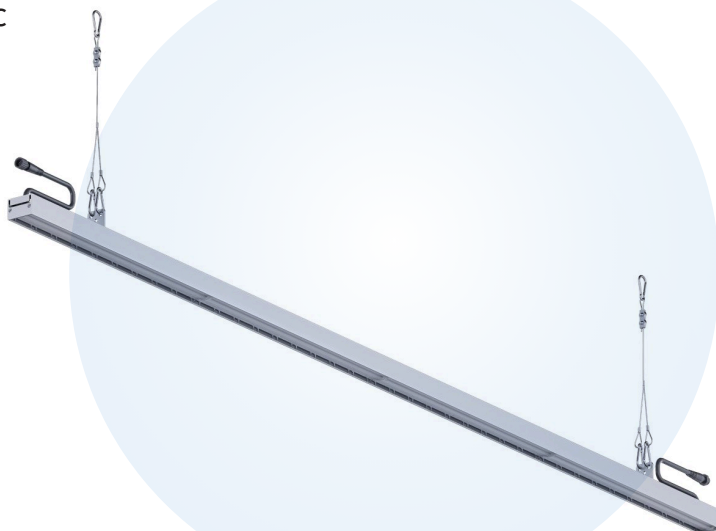
Linear LED padel court light with low glare optic

PROPOSED NEW RANGE

PRODUCT DESCRIPTION

PS-PADEL-LINEAR is a slim 1989 mm linear light for padel courts. A cut-off lens sends light straight onto the playing area with very low glare, and quick connect terminals let fittings be linked along the court guardrail or hung from the roof.

- › 24, 40, 55 or 60 W per fitting
- › Up to 10,800 lm and up to 190 lm/W
- › P30 asymmetric optic with cut-off
- › IP65 and IK10, aluminium housing
- › Remote driver box, 180 to 528 V, 10 kV surge
- › DALI-2, D4i, 0/1-10V or knob dimmer



190 lm/W
Efficacy



Low glare
Cut-off lens



IK10
Ball impact



5 Years
Warranty

APPLICATION

Made for padel courts

Indoor and covered padel clubs need even, glare free light on court so players can follow a fast ball off the glass. Mount PS-PADEL-LINEAR on the guardrail or suspend it above the court, then set the level at the driver box or with the knob dimmer.



Low glare

A linear lens with extra cut-off puts light onto the court, not into players eyes or beyond the court.



Up to 190 lm/W

Up to 10,800 lumens per fitting for high lux levels with low running costs.



IK10 tough

IK10 rated aluminium housing with a PC optic to withstand ball strikes, rated IP65.



Quick connect

Plug-in terminals link fittings along the run, fed from a remote driver box.



Surge protected

10 kV differential and common mode surge protection, 180 to 528 V input.



Dimming

DALI-2 and D4i, or 0/1-10V, PWM and passive resistance dimming, plus an optional knob dimmer.

CERTIFICATION



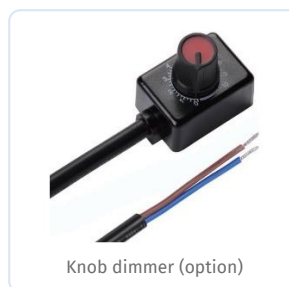
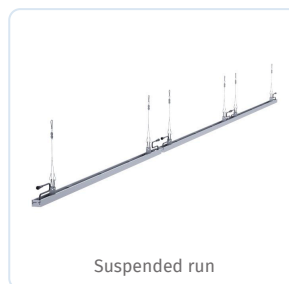
Designed to EN IEC 60598-1, EN IEC 60598-2-1, EN 55015 and EN 61547.

PS-PADEL-LINEAR Technical data

Linear LED padel court light with low glare optic

SPECIFICATION

Input voltage	180 to 528 V AC, 50/60 Hz (remote driver)
Power	24 / 40 / 55 / 60 W
Luminous flux	4,560 / 7,600 / 9,900 / 10,800 lm
Efficacy	Up to 190 lm/W
Driver	Remote driver box, power factor >0.95, THD <8%
CRI / MacAdam	Ra >80 / ≤5
Colour temperature	3000K to 6500K (5 options)
Optic	P30 asymmetric
Surge protection	10 kV DM / 10 kV CM
IP / IK rating	IP65 / IK10
Operating temperature	-40°C to +45°C
Lifetime	L70B10 >102,000 h (TM-21)
Housing	Aluminium 6063, silver; PC optic
Dimensions	1989 x 49 x 35 mm
Controls	DALI-2, D4i, 0/1-10V, PWM, knob dimmer
Cables	3 x 1.5 mm² plug-in male and female leads
Mounting	Guardrail bracket or suspension
Warranty	5 years



TECHNICAL SPECIFICATIONS

Product	Power	Lumen output	Efficacy	Optic	Dimensions L x W x H
PS-PADEL-LINEAR 24	24 W	4,560 lm	190 lm/W	P30	1989 x 49 x 35 mm
PS-PADEL-LINEAR 40	40 W	7,600 lm	190 lm/W	P30	1989 x 49 x 35 mm
PS-PADEL-LINEAR 55	55 W	9,900 lm	180 lm/W	P30	1989 x 49 x 35 mm
PS-PADEL-LINEAR 60 LARGEST	60 W	10,800 lm	180 lm/W	P30	1989 x 49 x 35 mm

OPTIONS AND ACCESSORIES

- › Guardrail mounting bracket
- › Suspension cable
- › Remote driver box
- › Knob dimmer

IDEAL FOR

- › Indoor padel clubs
- › Covered padel courts
- › Multi-court sports centres
- › Club refurbishments

5 YEARS
WARRANTY

Every Polaris Light fitting carries a 5-year warranty. Ask us for a free lighting design, lux plan and energy savings calculation for your site.

