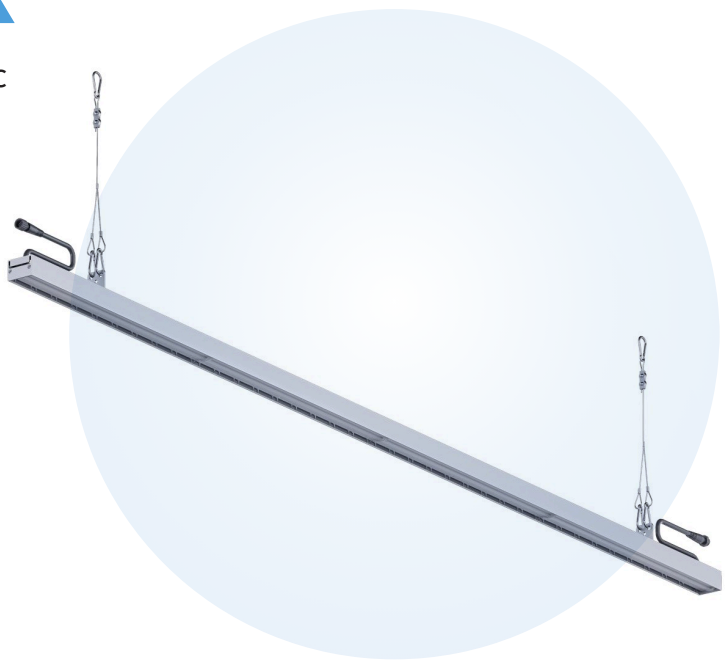
POLARIS LIGHT

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, 60 or 80 W per fitting
- Up to 15,200 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

7 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 15,200 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 CE RoHS COMPLIANT

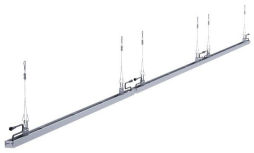
Designed to EN IEC 60598-1, EN IEC 60598-2-1, EN 55015 and EN 61547.

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 / 80 W
Luminous flux	4,560 / 7,600 / 9,900 / 10,800 / 15,200 lm
Efficacy	Up to 190 lm/W
Driver	Inventronic 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	7 years



Suspended run



Guardrail mounting



Knob dimmer (option)

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	60 W	10,800 lm	180 lm/W	P30	1989 x 49 x 35 mm
PS-PADEL-LINEAR 80 LARGEST	**80 W**	**15,200 lm**	**190 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

7 YEARS
WARRANTY

PS-PADEL-LINEAR carries a 7-year warranty. Every other Polaris Light fitting carries a warranty of at least 5 years. Ask us for a free lighting design, lux plan and energy savings calculation for your site.

