

LED SPORTS FLOODLIGHT

Designed for professional outdoor sports applications, Pitch Finder is a high-performance LED floodlighting system engineered to deliver precise, reliable illumination for sports environments of every scale.

A Fully Configurable Lighting System

Pitch Finder is designed as a modular lighting platform, allowing each installation to be engineered around the application.

Multiple optic options, multi-function drivers and mounting configurations enable precise light control and optimal field coverage.

- 600W, 1200W, and 1800W configurations
- Choice of symmetrical and asymmetrical optics
- Multi-function drivers
- Comprehensive range of accessories

See more on [Page 05](#)



Expert Specification & Design Support

Every Pitch Finder installation is supported by Ovia's in-house lighting design team.

- Site-specific lighting calculations
- Optic and driver selection
- Control strategy recommendations
- Compliance-focused design

See more on [Page 03](#)

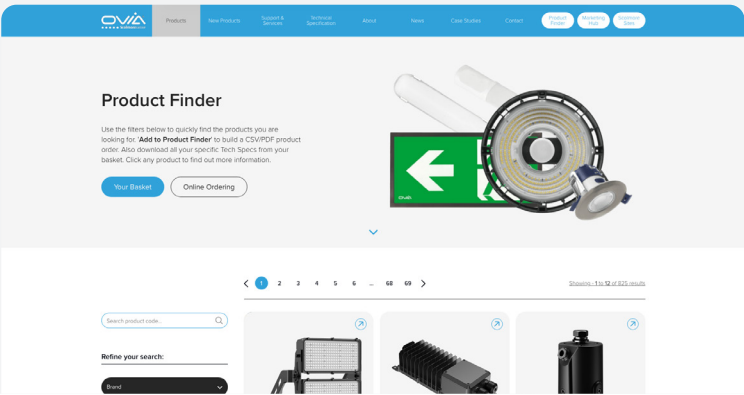


Explore Online

Scan the QR code to explore the full range online. View detailed specifications, product videos and product features on the Ovia website!



[Explore the full range here!](#)



10 Years
Warranty



2 Year Warranty
(On Site)



Weatherproof
Rating



Dimmable
Driver Options



Lumens
Per Watt

MODULAR SPORTS LIGHTING SYSTEM

Pitch Finder is a modular sports lighting system designed to adapt to each installation. High-output LEDs, precision optics and multi-function drivers deliver controlled, reliable illumination, while flexible mounting options ensure performance, efficiency and easier maintenance.

WARRANTY
10 YEAR
WARRANTY

2 YEAR
REGISTERED

IP66

IK08

High-Output Performance

Available in 600W, 1200W and 1800W for professional sports illumination.

20kV SURGE PROTECTION

High level defence against electrical spikes.

MULTI-FUNCTION DRIVER

3 dimming options available. 0-10V, DMX and DALI 2.

LONG-LIFE LED

100,000-hour LED lifetime.

LENS OPTIONS

Symmetrical or Asymmetrical lens options available.

MULTIPLE DRIVER MOUNTING OPTIONS

Install directly to the mount, on the luminaire pole or an enclosure on the ground.

Scalable Power for Every Installation

Pitch Finder is available in three high-output wattage options, allowing lighting performance to be matched precisely to the size and requirements of each sports installation. Whether illuminating smaller courts or large competitive facilities, the scalable system ensures optimal coverage, efficiency and control.

- Tailored to installation needs
- Optimised energy performance
- Precise lighting coverage

600W

1200W

1800W

Performance

High-output LED technology produces bright, sports-grade illumination with excellent uniformity and visibility. Precision optics maximise usable light while reducing spill and glare, essential for player comfort and spectator experience.

- 600W, 1200W and 1800W system outputs
- 5700K daylight-style illumination
- Precision beam control



Durability

Designed to withstand weather, corrosion and long operating hours. Robust construction ensures dependable performance season after season, even in exposed installations.

- IP66 ingress protection
- C4 corrosion resistance
- 100,000-hour LED lifetime



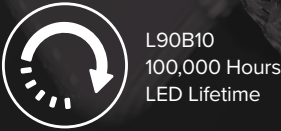
OPTICS & LENS SYSTEMS

Pitch Finder’s advanced optical system is engineered to deliver accurate light distribution for demanding sports environments. Carefully designed lens options allow illumination to be directed exactly where it is needed, improving uniformity, reducing glare and minimising spill light.

100,000 Hours LED Lifetime

With a 100,000-hour LED lifetime, Pitch Finder is designed to deliver consistent, high-performance illumination over the long term.

This extended lifespan reduces maintenance requirements and minimises the need for replacements, helping to lower operational costs while ensuring reliable performance in demanding outdoor environments.

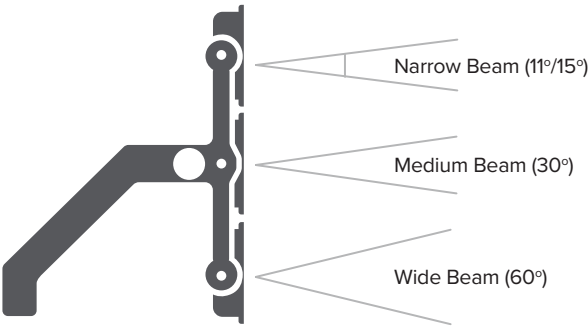


Lens Options

Pitch Finder offers two precision optic types, symmetrical and asymmetrical, allowing light distribution to be matched to the specific needs of the installation. Whether balanced coverage or directional field control is required, each lens option is designed to optimise performance, uniformity and visual comfort.

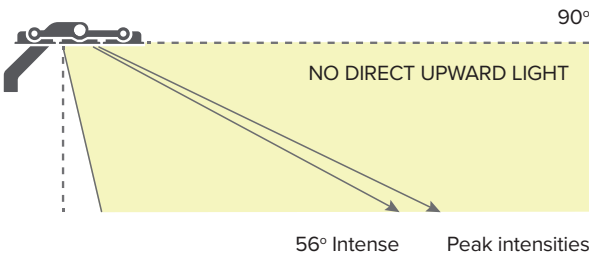
SYMMETRICAL LIGHTING DISTRIBUTIONS

11° / 15° / 30° / 60° etc



ASYMMETRICAL LIGHTING DISTRIBUTIONS

56° / 65° / 70° intense etc



Symmetrical Wide Lens

The symmetrical wide lens provides broader light distribution, creating even illumination across large areas. This option supports consistent field visibility while maintaining efficient light output.

- Wide, even coverage
- Improved uniformity
- Suitable for general field lighting

Asymmetrical Wide Lens

Engineered for sports environments, the asymmetrical lens directs light precisely onto the playing surface while limiting spill and glare. This improves player comfort, spectator visibility and environmental control.

- Reduced glare and spill light
- Enhanced field focus
- Improved visual comfort

Symmetrical Narrow Lens

Designed to project a concentrated beam over longer distances, the symmetrical narrow lens is ideal for higher mounting positions and targeted illumination. It maximises light intensity where precision and throw are critical.

- Long-distance beam control
- High intensity focus
- Ideal for tall pole installations



DRIVER SYSTEM

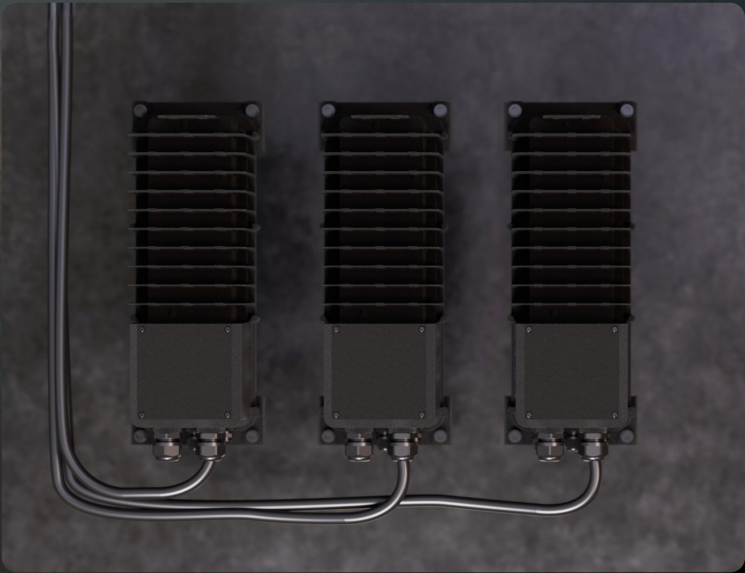
The Pitch Finder driver system is designed for maximum flexibility and control. With configurable driver quantities, multiple dimming options and versatile installation methods, the system can be tailored to suit a wide range of project requirements while ensuring efficient performance and easy maintenance.



1 Driver Per Module

Pitch Finder allows you to select one, two or three multi-function drivers depending on output requirements and installation preferences.

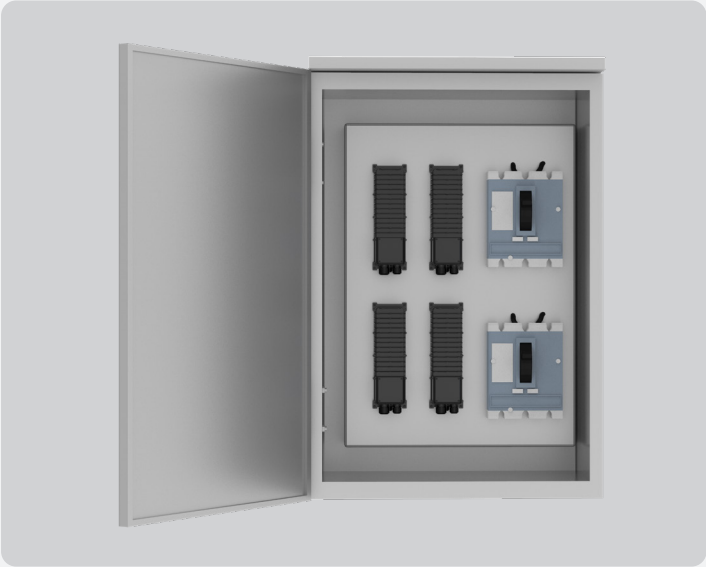
This configurable approach supports performance optimisation, easier servicing and flexible mounting.



Ground Installation

Drivers can be installed at ground level to simplify maintenance access and reduce working-at-height requirements. This configuration is ideal where long-term serviceability is a priority.

- Safe, convenient maintenance access
- Reduced servicing downtime
- Ideal for high-mount installations



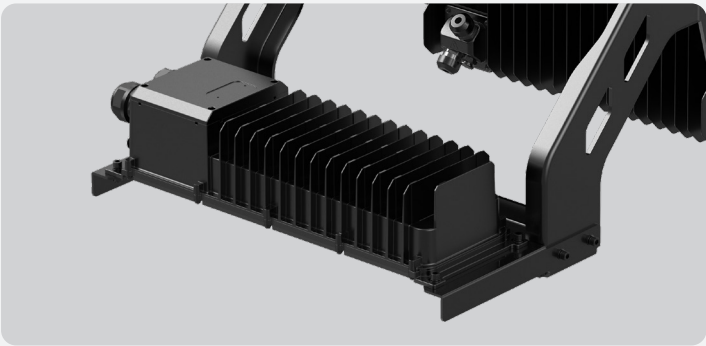
Pole Installation

Pole-mounted drivers provide a practical balance between accessibility and system integration, allowing servicing without removing the luminaire.



Mount Installation

Drivers can be mounted directly to the luminaire for a compact, integrated solution that simplifies installation and wiring.

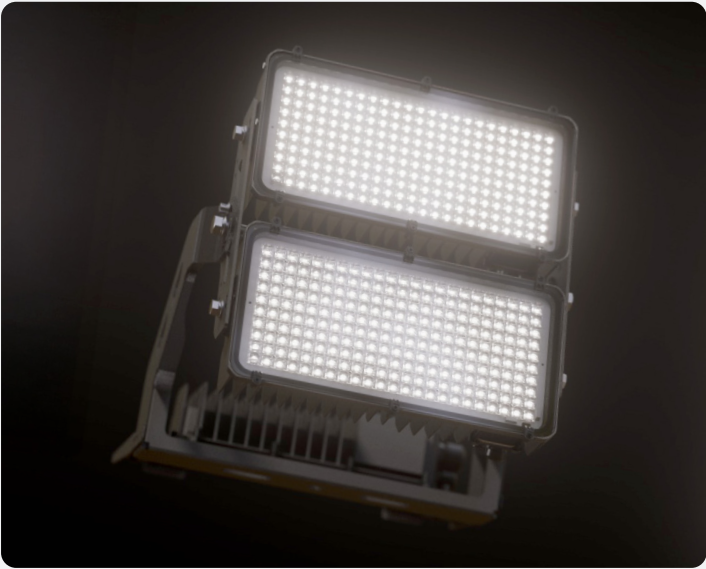


Multiple Dimming Options

All Pitch Finder drivers are supplied as standard with DALI 2 dimming, providing reliable, addressable lighting control.

Where project requirements differ, drivers can be programmed to DMX or 1–10V dimming, allowing the system to align with preferred control methods and installation needs.

- DALI 2 Dimmable Available
- DMX Dimmable Available
- 1-10V Dimmable Available



SPORTS FLOODLIGHT (DALI-2)

600W



SKU	NO. OF DRIVERS	LENS TYPE	LUMENS
OPFD6-37AW1	1	Asymmetrical Wide	84000lm
OPFD6-37SN1	1	Symmetrical Narrow	84000lm
OPFD6-37SW1	1	Symmetrical Wide	84000lm

1200W



SKU	NO. OF DRIVERS	LENS TYPE	LUMENS
OPFD12-37AW1	1	Asymmetrical Wide	168000lm
OPFD12-37SN1	1	Symmetrical Narrow	168000lm
OPFD12-37SW1	1	Symmetrical Wide	168000lm
OPFD12-37AW1-2D	2	Asymmetrical Wide	168000lm
OPFD12-37SN1-2D	2	Symmetrical Narrow	168000lm
OPFD12-37SW1-2D	2	Symmetrical Wide	168000lm

1800W



SKU	NO. OF DRIVERS	LENS TYPE	LUMENS
OPFD18-37AW1	1	Asymmetrical Wide	252000lm
OPFD18-37SN1	1	Symmetrical Narrow	252000lm
OPFD18-37SW1	1	Symmetrical Wide	252000lm
OPFD18-37AW1-3D	3	Asymmetrical Wide	252000lm
OPFD18-37SN1-3D	3	Symmetrical Narrow	252000lm
OPFD18-37SW1-3D	3	Symmetrical Wide	252000lm

SPORTS FLOODLIGHT (DMX)

600W



SKU	NO. OF DRIVERS	LENS TYPE	LUMENS
OPFD6-37AW1-DMX	1	Asymmetrical Wide	84000lm
OPFD6-37SN1-DMX	1	Symmetrical Narrow	84000lm
OPFD6-37SW1-DMX	1	Symmetrical Wide	84000lm

1200W



SKU	NO. OF DRIVERS	LENS TYPE	LUMENS
OPFD12-37AW1-DMX	1	Asymmetrical Wide	168000lm
OPFD12-37SN1-DMX	1	Symmetrical Narrow	168000lm
OPFD12-37SW1-DMX	1	Symmetrical Wide	168000lm
OPFD12-37AW1-2D-DMX	2	Asymmetrical Wide	168000lm
OPFD12-37SN1-2D-DMX	2	Symmetrical Narrow	168000lm
OPFD12-37SW1-2D-DMX	2	Symmetrical Wide	168000lm

1800W



SKU	NO. OF DRIVERS	LENS TYPE	LUMENS
OPFD18-37AW1-DMX	1	Asymmetrical Wide	252000lm
OPFD18-37SN1-DMX	1	Symmetrical Narrow	252000lm
OPFD18-37SW1-DMX	1	Symmetrical Wide	252000lm
OPFD18-37AW1-3D-DMX	3	Asymmetrical Wide	252000lm
OPFD18-37SN1-3D-DMX	3	Symmetrical Narrow	252000lm
OPFD18-37SW1-3D-DMX	3	Symmetrical Wide	252000lm

SPORTS FLOODLIGHT (0-10V)

600W



SKU	NO. OF DRIVERS	LENS TYPE	LUMENS
OPFD6-37AW1-10V	1	Asymmetrical Wide	84000lm
OPFD6-37SN1-10V	1	Symmetrical Narrow	84000lm
OPFD6-37SW1-10V	1	Symmetrical Wide	84000lm

1200W



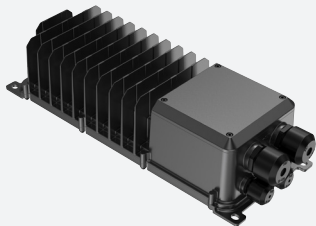
SKU	NO. OF DRIVERS	LENS TYPE	LUMENS
OPFD12-37AW1-10V	1	Asymmetrical Wide	168000lm
OPFD12-37SN1-10V	1	Symmetrical Narrow	168000lm
OPFD12-37SW1-10V	1	Symmetrical Wide	168000lm
OPFD12-37AW1-2D-10V	2	Asymmetrical Wide	168000lm
OPFD12-37SN1-2D-10V	2	Symmetrical Narrow	168000lm
OPFD12-37SW1-2D-10V	2	Symmetrical Wide	168000lm

1800W



SKU	NO. OF DRIVERS	LENS TYPE	LUMENS
OPFD18-37AW1-10V	1	Asymmetrical Wide	252000lm
OPFD18-37SN1-10V	1	Symmetrical Narrow	252000lm
OPFD18-37SW1-10V	1	Symmetrical Wide	252000lm
OPFD18-37AW1-3D-10V	3	Asymmetrical Wide	252000lm
OPFD18-37SN1-3D-10V	3	Symmetrical Narrow	252000lm
OPFD18-37SW1-3D-10V	3	Symmetrical Wide	252000lm

DRIVERS & ACCESSORIES



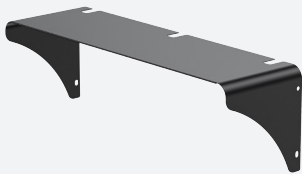
SKU	DIMMING TYPE	PRODUCT DESCRIPTION
OPF-CG12-DMX	DMX	DMX Driver For 1200W Sport Floodlights
OPF-CG18-DMX	DMX	DMX Driver For 1800W Sport Floodlights
OPF-CG6-DMX	DMX	DMX Driver For 600W Sport Floodlights
OPF-CG12-10V	0-10V	0-10V Analogue Driver For 1200W Sport Floodlights
OPF-CG18-10V	0-10V	0-10V Analogue Driver For 1800W Sport Floodlights
OPF-CG6-10V	0-10V	0-10V Analogue Driver For 600W Sport Floodlights



SKU	PRODUCT DESCRIPTION
OPF-DC	Driver To Module Connection Cable - 1m



SKU	PRODUCT DESCRIPTION
OPF-AM1	Aiming Device For 600W Module
OPF-AM2	Aiming Device For 1200W & 1800W Modules



SKU	PRODUCT DESCRIPTION
OPF-VA	Visor For Asymmetrical Optic
OPF-VS	Visor For Symmetrical Optic



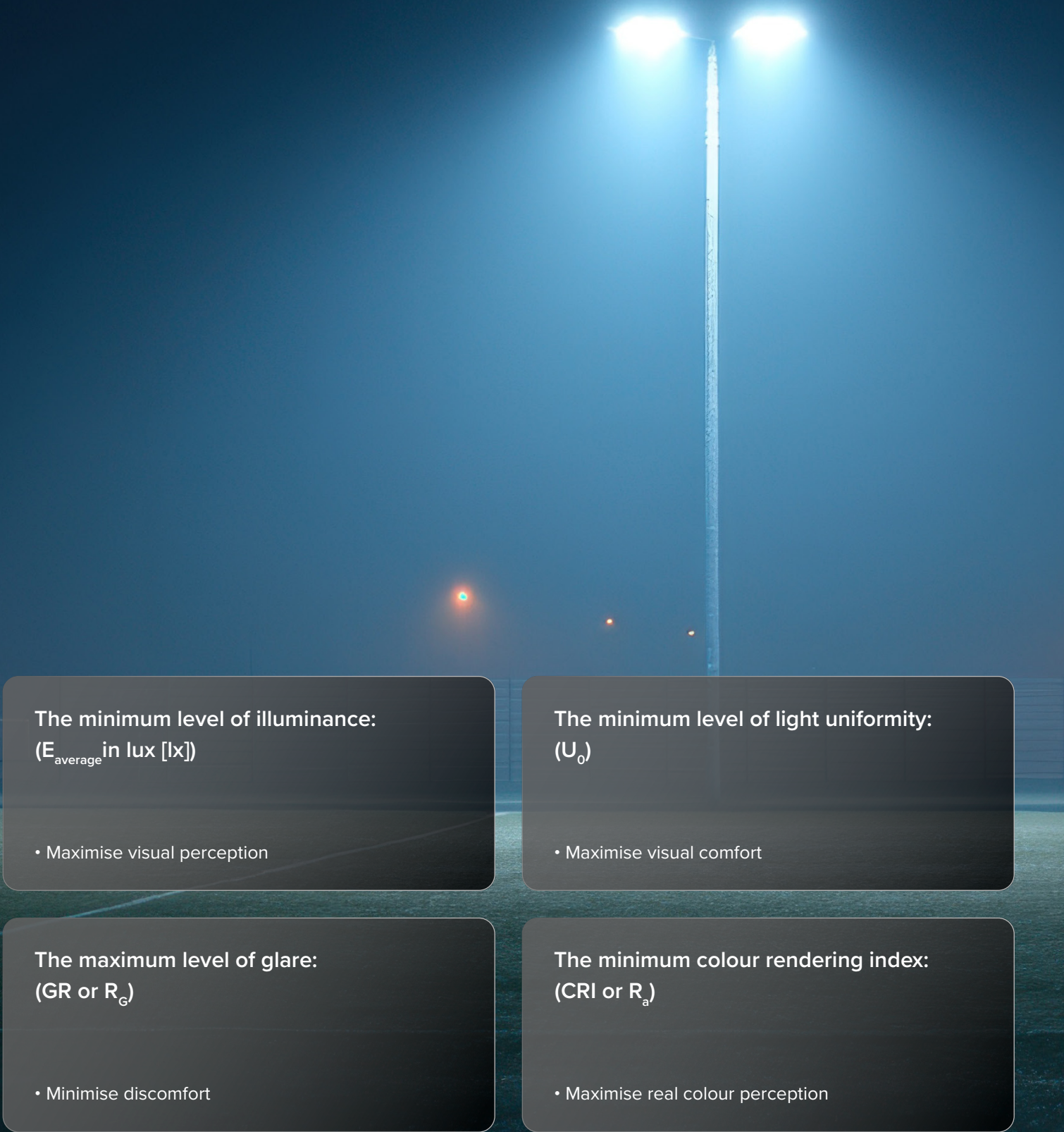
SKU	PRODUCT DESCRIPTION
OPF-DMP	1800W Driver Stirrup Mount For Pole



SKU	PRODUCT DESCRIPTION	FINISH
OPF-SG	Spigot for Pole Mounting	Black

REGULATIONS & STANDARDS (EN 12193)

The European committee for standardisation has established a norm for sports lighting applications: the European Standard EN 12193, its purpose is to enable good quality sports lighting through recommendations and requirements. For each application, the norm defines:



The minimum level of illuminance:
($E_{average}$ in lux [lx])

- Maximise visual perception

The minimum level of light uniformity:
(U_0)

- Maximise visual comfort

The maximum level of glare:
(GR or R_g)

- Minimise discomfort

The minimum colour rendering index:
(CRI or R_a)

- Maximise real colour perception

Grid Points Definition

- For measurements and calculations
- Ensures that light performances are respected

Areas Definition

- **Principal Area**
(Playing area needed for the performance of a certain sport)
- **Total Area**
(Additional safety area outside the principal area)

Class Definition

- **Class I**
Top level competition (international, national, top level training)
- **Class II**
Mid level competition (regional, local, high level training)
- **Class III**
Low level competition (local, small club, training, school sports)

How Ovia Supports Compliance

Pitch Finder systems are designed with compliance in mind, supporting the requirements of EN 12193 through precise optics, configurable outputs and professional lighting design support. Our team ensures each installation meets the required performance levels for its intended application.

- Designed to achieve required lux levels and uniformity
- Optics to control glare and light distribution
- Lighting design service ensures compliance



Why Lighting Design Matters

Meeting sports lighting standards requires more than high-output luminaires. Accurate calculations, correct positioning and the right optical configuration are essential to achieve compliant and effective lighting performance.

- Ensures standards compliance
- Optimises performance and efficiency
- Achieves uniform light coverage

We offer a dedicated lighting & connection design service, allowing customers to access free lighting design schemes for their commercial projects.

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-  +44 (0) 1827 300 64
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FOOTBALL LIGHTING REQUIREMENTS

The lighting requirements are linked primarily the type of activity in progress, then training, match or maintenance. What’s more, it is based on the minimum size dictated by Football Federation.

FOOTBALL (OUTDOOR)

Effective outdoor football lighting design goes beyond achieving a target lux level. It requires careful consideration of horizontal and vertical illuminance to ensure clear player visibility both on the pitch and for spectators or broadcast cameras.

Class Definition

The lighting classes specified for most sports are laid down in EN 12193 standards. Depending on the class, the level may vary from 75 to 500 lux on the field.

CLASS I

TOP LEVEL

competition, for playgrounds with a sports facility capacity of up to 20,000 spectators.

CLASS II

MID LEVEL

competition, for playgrounds with sports facility capacity of up to 5,000 spectators

CLASS III

LOW LEVEL

competition, for playgrounds with sports facility capacity of up to 3,000 spectators

Modern LED Football Lighting Systems

Advancements in LED technology have transformed football lighting, providing higher performance, improved efficiency, and greater operational flexibility compared to traditional systems.

Modern LED solutions deliver consistent illumination, enhanced broadcast compatibility, and intelligent control capabilities suited to multiple levels of competition.

- Instant on/off operation with no warm-up time
- Smart control systems with dimming for training and match modes
- Reduced maintenance requirements
- Long operational lifespan (100,000 hours)
- Improved sustainability and carbon reduction performance
- Reduced light spill and better dark-sky compliance

Level of Competition

	CLASS I	CLASS II	CLASS III
International / National	●		
Regional	●	●	
Local	●	●	●
Training		●	●
Recreational			●

EN 12193 Requirements

		CLASS I	CLASS II	CLASS III
Horizontal Illuminance	EM (lx)	500	200	75
	Emin/Em	0.7	0.6	0.5
GR		55	55	55
Ra		70	60	60

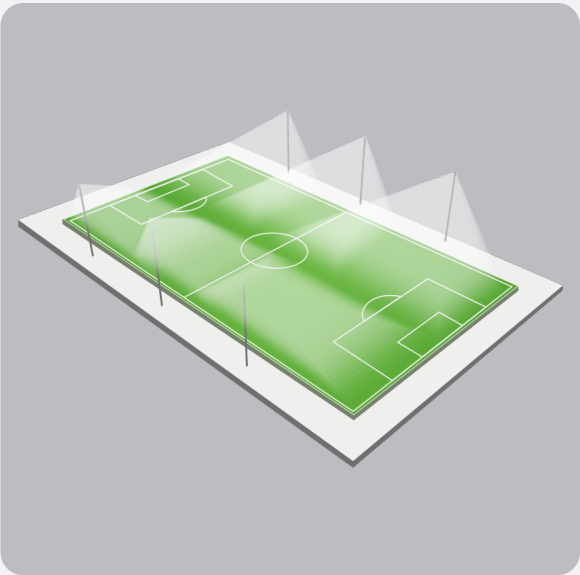
FOOTBALL CLASS I (EN 12193)

OPFD18-37AW1

Asymmetric Optics:
1800W - 252,000lm

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Specifications

Area	100 x 64m
Pole	6 x 18m
Floodlight	OPFD18-37AW1 x 18
System Power (W)	32,400
Em (lx)	501
Emin/EM	0.73
Ra	70
GR Max	45
MF	0.9

Standards

EM (lx)	500
Emin/EM	0.7
GR	55
Ra	70

Floodlight



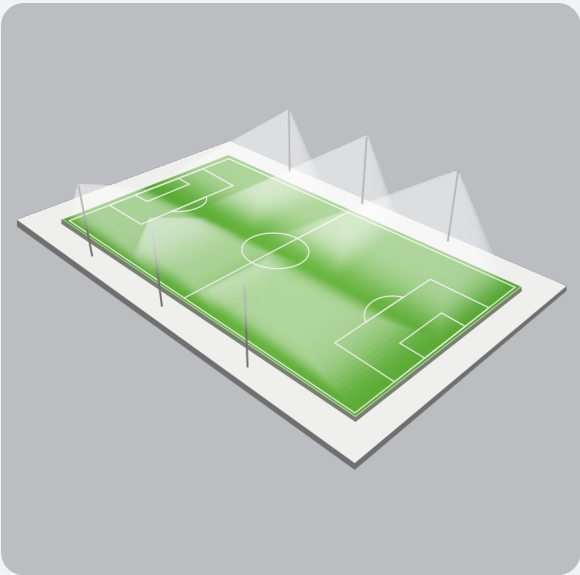
FOOTBALL CLASS II (EN 12193)

OPFD12-37AW1 / OPFD18-37AW1

Asymmetric Optics:
1200W - 168,000lm
1800W - 252,000lm

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Specifications

Area PA	100 x 64m
Pole	6 x 18m
Floodlight	OPFD12-37AW1 x 10 / OPFD18-37AW1 x 2
System Power (W)	15,600
Em (lx)	233
Emin/EM	0.69
Ra	70
GR Max	43
MF	0.9

Standards

EM (lx)	200
Emin/EM	0.6
GR	55
Ra	70

Floodlight

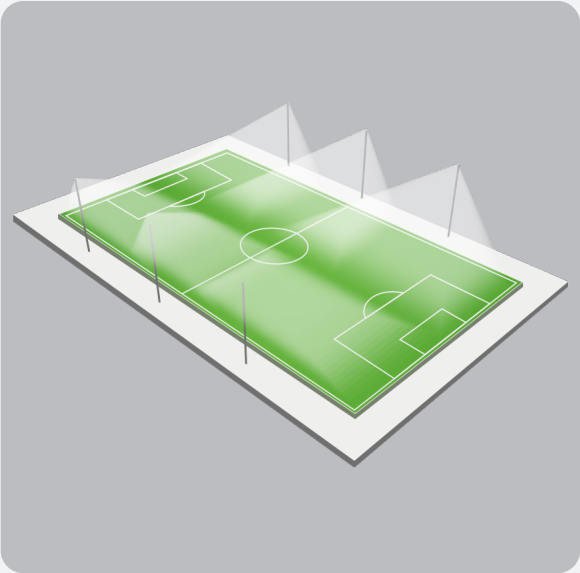


OPFD6-37AW1 / OPFD12-37AW1

Asymmetric Optics:
600W - 84,000lm
1200W - 168,000lm

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Specifications

Area	100 x 64m
Pole	6 x 18m
Floodlight	OPFD6-37AW1 x 2 / OPFD12-37AW1 x 4
System Power (W)	6000
Em (lx)	87
Emin/EM	0.61
Ra	70
GR Max	43
MF	0.9

Standards

EM (lx)	500
Emin/EM	0.7
GR	55
Ra	70

Floodlight



LIGHTING
DESIGN SERVICE

Ovia® offers a free lighting and connection design service, coordinated through their area sales managers.

Requests start with a pre-qualification form, and where needed, a site visit is conducted. A Lighting Design Proposal and quotation are then prepared and sent via the sales team.

The service is available to contractors, consultants, and specifiers, providing expert guidance to select compliant lighting and control solutions that meet project requirements.



Expert Project Design

Every project is assessed to ensure the lighting solution meets performance goals, regulatory requirements and real-world installation needs.

- [Site and project information reviewed](#)
- [Compliance with current standards](#)
- [Product and control selection guidance](#)
- [Tailored lighting scheme creation](#)



Simple, Supported Process

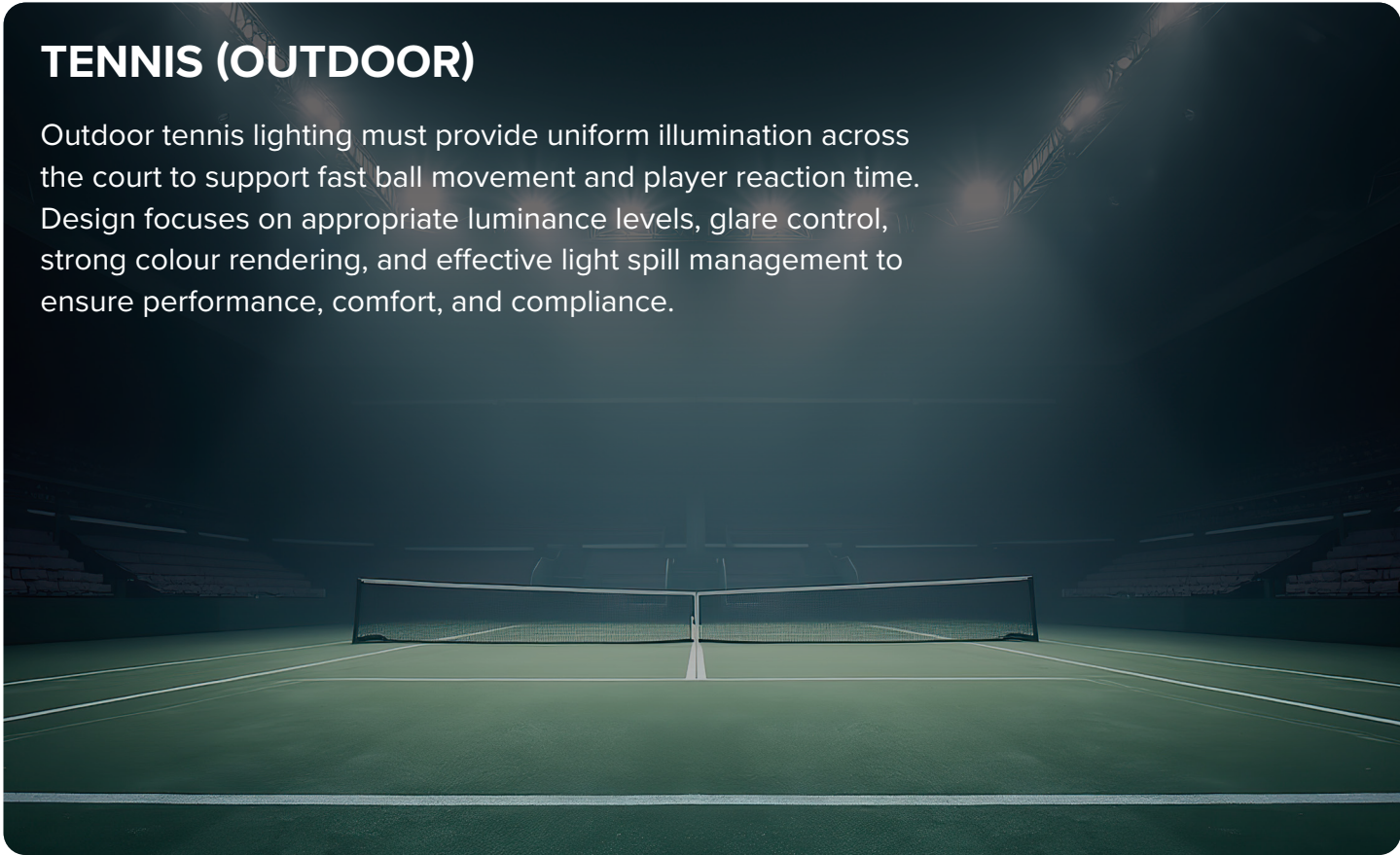
Our structured design work flow makes specification straightforward, with support from enquiry through to quotation.

- [Pre-qualification to capture project details](#)
- [Optional site evaluation](#)
- [Full lighting design proposal](#)
- [Quotation support via Ovia sales network](#)

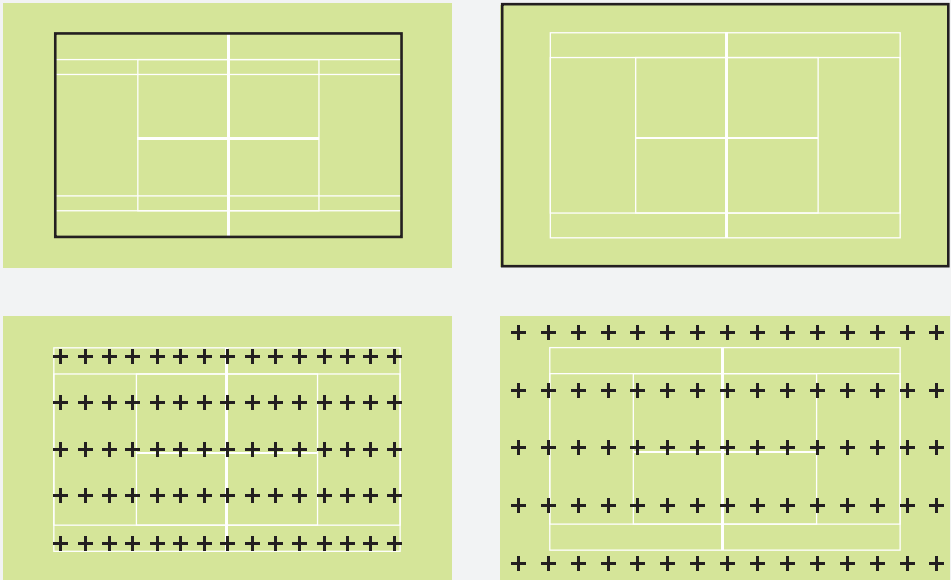


TENNIS (OUTDOOR)

Outdoor tennis lighting must provide uniform illumination across the court to support fast ball movement and player reaction time. Design focuses on appropriate luminance levels, glare control, strong colour rendering, and effective light spill management to ensure performance, comfort, and compliance.



This graphic shows two kinds of calculation grid ways from EN 12193 standard "Light and Lighting - Sports Facility Lighting" applied to floodlighting systems for tennis courts.



EN 12193 Requirements

		CLASS I	CLASS II	CLASS III
Horizontal Illuminance	EM (lx)	500	300	200
	Emin/Em	0.7	0.7	0.6
GR		55	50	55
Ra		70	60	60

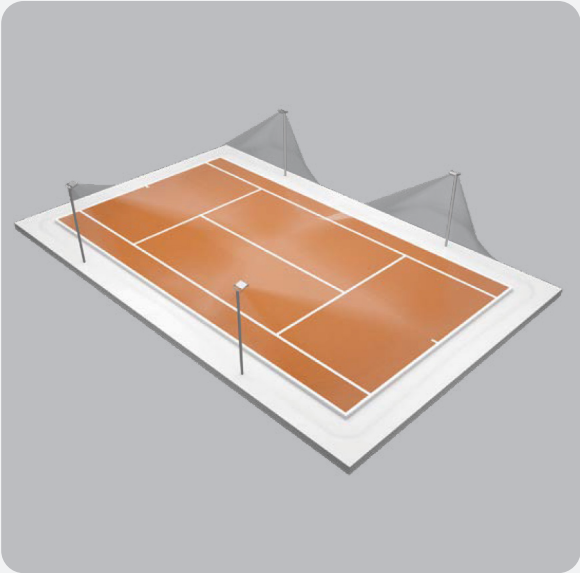
TENNIS CLASS I (EN 12193)

OPFD12-37AW1

Asymmetric Optics:
1200W - 168,000lm

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Specifications

Area	30 x 15m
Pole	4 x 8m
Floodlight	OPFD12-37AW1 x 4
System Power (W)	4800
Em (lx)	556
Emin/EM	0.83
Ra	70
GR Max	45
MF	0.9

Standards

EM (lx)	500
Emin/EM	0.7
GR	55
Ra	70

Floodlight



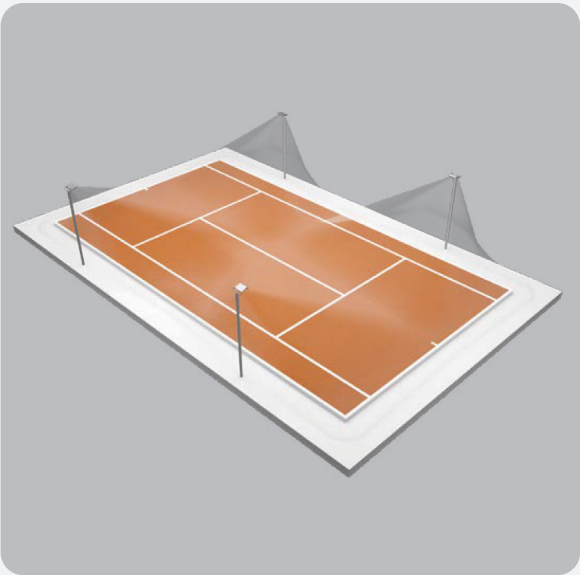
TENNIS CLASS II (EN 12193)

OPFD6-37AW1

Asymmetric Optics:
600W - 84,000lm

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Specifications

Area	30 x 15m
Pole	4 x 8m
Floodlight	OPFD6-37AW1 x 4
System Power (W)	2400
Em (lx)	324
Emin/EM	0.71
Ra	70
GR Max	43
MF	0.9

Standards

EM (lx)	500
Emin/EM	0.7
GR	55
Ra	70

Floodlight



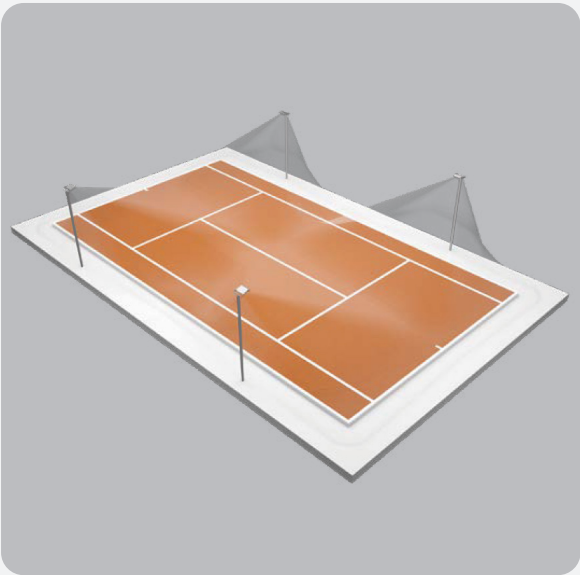
TENNIS CLASS III (EN 12193)

OPFS6-37AW1

Asymmetric Optics:
600W - 84,000lm

We offer a dedicated lighting & connection design service, allowing customers to access free lighting design schemes for their commercial projects.

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Specifications

Area	30 x 15m
Pole	4 X 10m
Floodlight	OPFD6-37AW1 x 4
System Power (W)	4800
Em (lx)	310
Emin/EM	0.72
Ra	70
GR Max	40
MF	0.9

Standards

EM (lx)	500
Emin/EM	0.7
GR	55
Ra	70

Floodlight



MORE FROM OVIA

Explore the wider Ovia lighting range, covering domestic, commercial, industrial, utility, amenity and floodlighting, alongside controls and emergency lighting solutions. We also offer a full suite of tools and services, including a lighting design service, design calculator, online ordering and access to our Marketing Hub, making it easier to plan, specify and deliver every project.



Lighting Design Service

We offer a dedicated lighting & connection design service, allowing customers to access free lighting design schemes for their commercial projects.

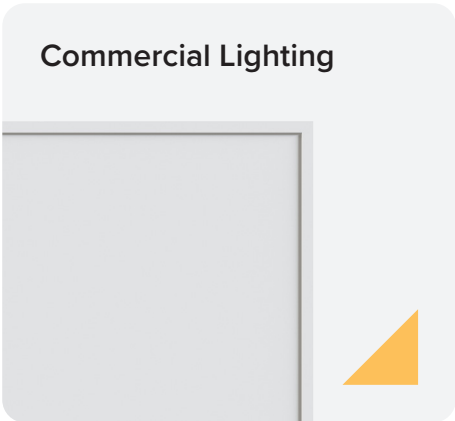
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Domestic Lighting



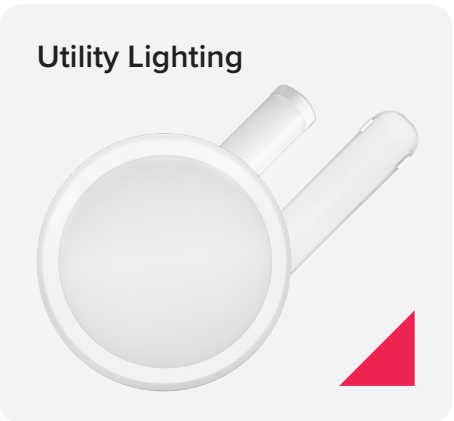
Commercial Lighting



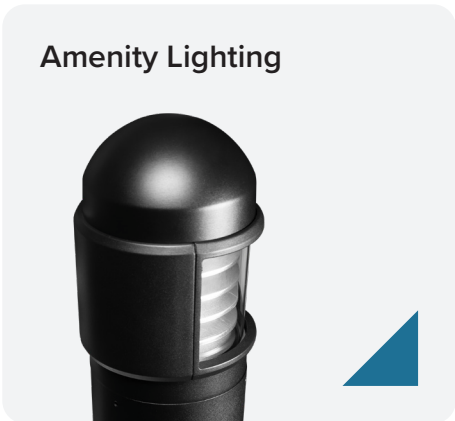
Industrial Lighting



Utility Lighting



Amenity Lighting



Floodlighting



Controls



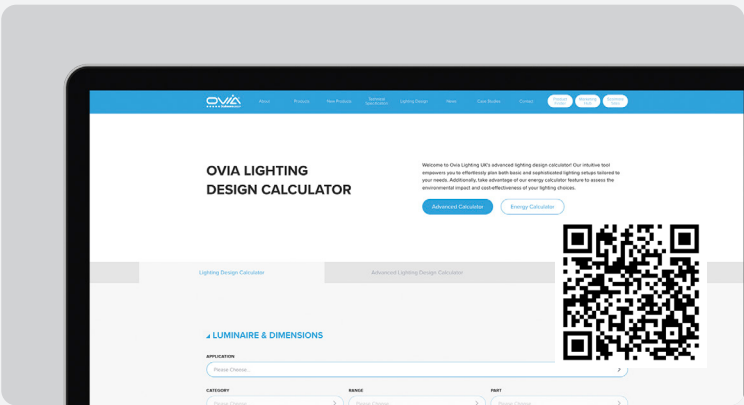
Emergency Lighting



Lighting Design Calculator

Design your ideal setup with our Lighting Design Calculator, featuring energy and cost-saving insights.

- oviauk.com
- +44 (0) 1827 300 64
- lighting-design@oviauk.com



Online Ordering

The site now incorporates a number of improved features that allow users to access new information directly and easily:

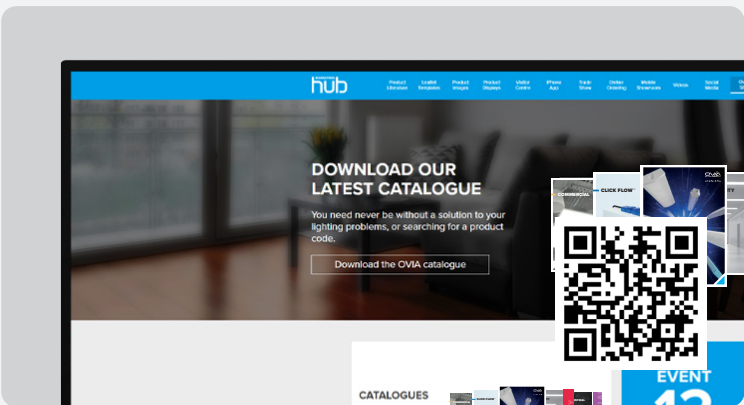
- oviaonline.com



Marketing Hub

Our Marketing Hub gives customers the opportunity to enhance their own marketing facilities with very little effort or cost.

A selection of templates is available featuring many of our popular products. These templates can be customised with our stockists' details to provide maximum impact and optimise local sales opportunities.



Errors and Omissions excluded. Specification is subject to change without notice.



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