KIRITO



FL72 LumiNova Plus

Asymmetrical Flood Light

Engineered to excel on tennis, padel, and pickleball courts, the Plus version delivers superior spill and glare control thanks to its unique asymmetrical optics.

- 300-500W
- Up to 165lm/W
- ULR=0%
- Power selectable
- IP66
- IK08
- C4 anti-corrosion
- Tennis court
- Padel court
- Pickleball
- Basketball
- Handball

Why FL72 Plus?

Some tennis courts and padel courts still use inefficient halogen lamps. While some courts have switched to LED floodlights, the lighting distribution in many sites is not good enough. This often leads to the installation of more units to meet illuminance requirements, and in some cases, even results in complaints from neighboring residents about light spill and glare. The FL72 Plus version, with its unique optical system, perfectly solves both problems—reducing the number of installation units and thus product costs for owners, while also eliminating light pollution for neighbors.

With just 4 to 12 luminaires, the FL72 Plus can easily achieve 300lx illuminance and 0.7 uniformity across the entire playing field, meeting the EN 12193 Class II lighting standard. The following three design scenarios demonstrate its meaningful performance.

Which one matches your project?



What often is

KIRITO FL72 can be



Un-Matched Spill & Glare Control

The standard lens delivers superior lighting. For areas with environmental regulations or sensitive wildlife, louver is available for unmatched spill and glare control.

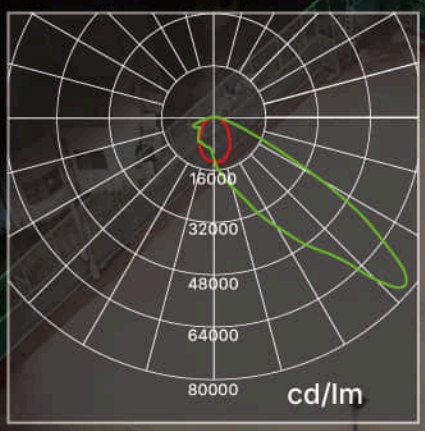


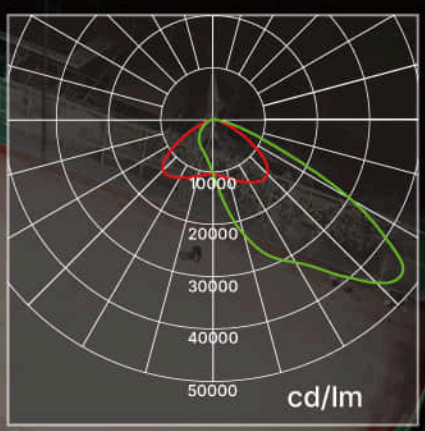


Excellent Lighting Distribution

FL72 luminaires with optimal asymmetrical beam angles for even and complete coverage in the play area and total area while minimizing installation count.

ASYM Narrow Beam F04802 & **ASYM Wide Beam F04803**





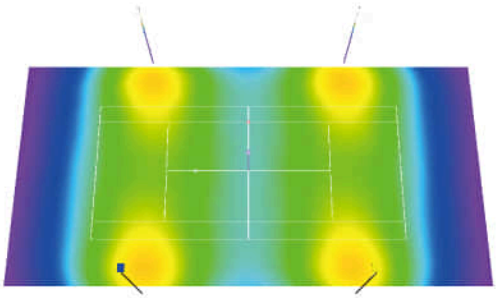




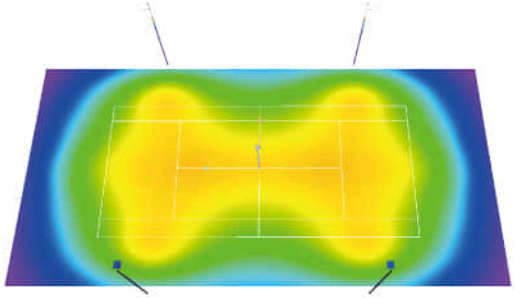
Lighting Design Reference

Single courts

4× 8m masts at sides, just 4× 500W luminaires



VS

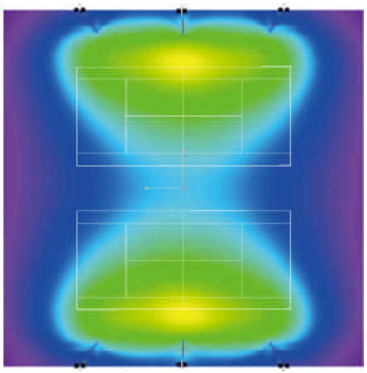


What often is	
Paly area Eh ave 304 lux	Emin/Emax: 0.64
Emin/Eave: 0.78	ULR: Yes

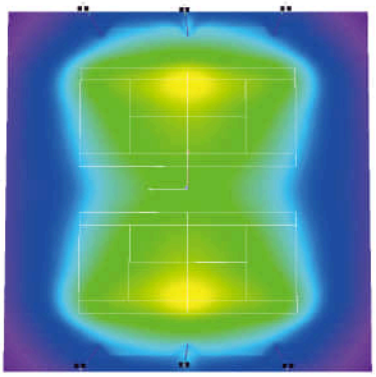
KIRITO FL72 with F04803 can be	
Paly area Eh ave 389 lux	Emin/Emax: 0.80
Emin/Eave: 0.87	ULR: 0%

Dual courts

6× 10m masts at sides, just 12× 300W luminaires



VS

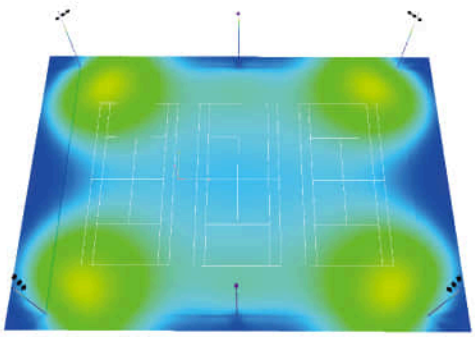


What often is	
Paly area Eh ave 302 lux	Emin/Emax: 0.44
Emin/Eave: 0.62	ULR: Yes

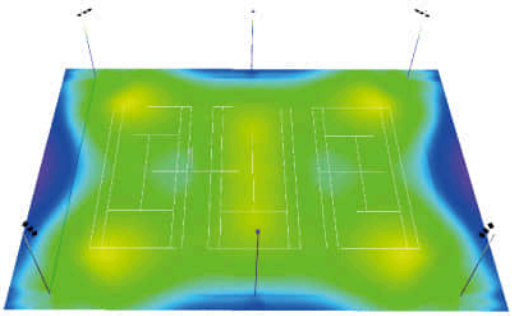
KIRITO FL72 with F04803 can be	
Paly area Eh ave 360 lux	Emin/Emax: 0.58
Emin/Eave: 0.72	ULR: 0%

Multiple courts

6× 12m masts, four corners total 12× 500W, 2× 300W centrally



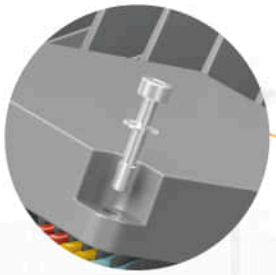
VS



What often is	
Paly area Eh ave 250 lux	Emin/Emax: 0.57
Emin/Eave: 0.83	ULR: Yes

KIRITO FL72 with F04802 can be	
Paly area Eh ave 321 lux	Emin/Emax: 0.63
Emin/Eave: 0.80	ULR: 0%

Easy Operation



Anti-drop Gasket

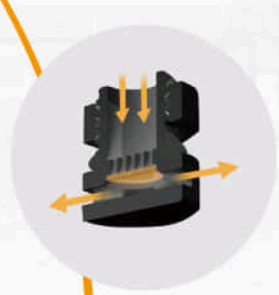
Secure washers prevent screws from falling out during cover opening and wiring.



Easy Operation

Changing power via a dial-switch, reducing SKUs while maximizing versatility.





Longer Service Life

Vent diaphragm valve avoids condensation, improving performance and lifetime.



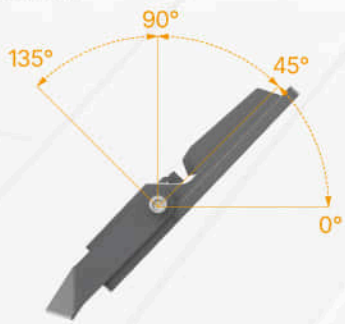
Saving Labor

Bend bracket prevents damage from vibration and labor lower.



Precise Installation

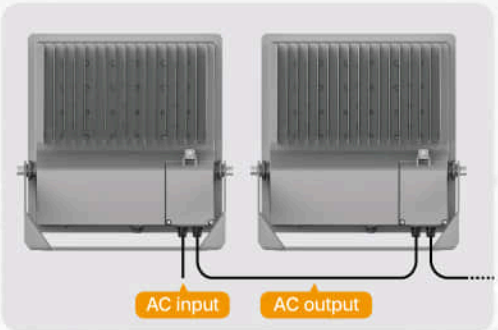
Adjustable bracket with scale enables directional lighting.





Quick Connection

Customizable loop-in and loop-out installation of several flood lights.



ADDITIONAL PRODUCT SPECIFICATIONS

Series Code	FL72
Power	300W, 500W
Efficacy	165lm/W
Input Voltage	220-240VAC, 50 / 60 Hz
Power Factor	>0.95
CCT	3000K, 4000K, 5000K
CRI(Ra)	70, 80
Corrosion Class	C4
IP Rating	IP66
IK Rating	IK08
Mounting Option	Pole Mounting, Bracket Mounting
Warranty	5 Years
Operating Temperature	-30°C to + 50°C

LumiNova Plus is a asymmetrical floodlight designed for tennis, padel, and pickleball courts. It delivers uniform, complete illumination across the entire playing area while offering superior spill and glare control through its unique asymmetrical optics. Optional louver is available to meet environmental regulations or protect sensitive wildlife. Three adjustable power levels, selectable via a dial switch, reduce SKU complexity while maximizing flexibility and versatility.

PRODUCT VIEWS



VIEW 1



VIEW 2



VIEW 3