PFX-3731

LED Tennis and Pickleball Light with Selectable Lumen



TENNIS & PICKLEBALL COURT LIGHT

Forward Projection Optics for Superior Court Coverage and Uniformity!

PFX-3731



3-LEVEL WATTAGE SELECTABLE

Size 1: ---------- 400WS - Max.68,000lm
Size 2: ---------- 600WS - Max.102,000lm



Leading optical especially for tennis & Pickleball court

Smart Upgrade from HID

Replace 1000W HID with the 400W XSY TPLA—cut energy use, double the brightness (up to 50FC), and light your court smarter.

Precision Light, Perfect Play

Achieve industry-leading uniformity (Max:Min <1.5) and up to 50% more usable light—ideal for competitive tennis environments.

Engineered for Tennis Excellence

The TPLA 400W delivers up to 50FC with <1.5 Max:Min ratio, ensuring pro-level visibility and uniformity for every match.

973-340-6040
3 Luger Rd. #1 - Denville, NJ 07834
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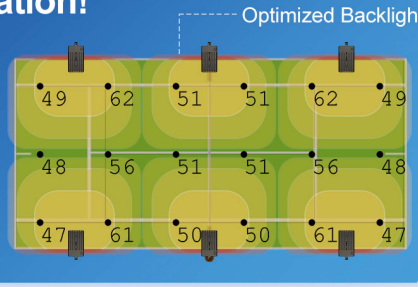
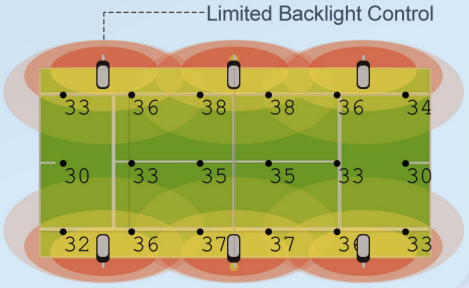
Higher Light Utilization Lights Offer 40% Higher Utilization!

PFX-3731
400W
Eh ave 50FC



VS

Others
400W
Eh ave 35FC



PFX-3731 SERIES MEETS ALL REQUIREMENTS OF USTA STANDARDS

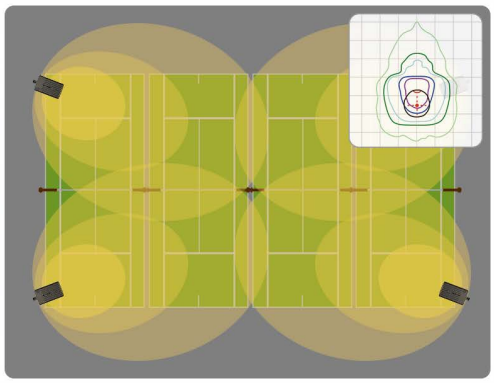
* Competitor maxes out at 400W and uses basic optics —suitable only for standard area lighting.

USTA Standard Umform,ty Max/min	Average Illumlnance	PFX-3731- 400W	PFX-3731-600W	Competitors*
< 2: 1	Class I:100FC		✓	
< 2: 1	Class II: 75FC		✓	
< 2: 1	Class III: 50FC	✓		
< 2: 1	Class IV: 30FC	✓		✓

SP DISTRIBUTION AVAILABLE

Moderately narrow asymmetric beam, ideal for fixture install on the corner of tennis and pickleball court, balancing focus and spread.





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ORDERING GUIDE

Example: PFX-3731-600WS50KLVTCSFDCPS

Model	Wattage Selectable[1] XXXWS	CCT XXK	Input Voltage[2] AA	Dist.Type HH	Mounting XX	Finish	Photocontrol Z	Sensor
PFX-3731	**400WS** 400/320/240W **600WS** 600/480/360W Note: **WS** Wattage Selectable	**3K** 3000K **4K** 4000K **5K** 5000K	**UV** AC120-277V **HV** AC277-480V	**TC** Tennis Court TYPEIII **SP** Sports Field	**SF** Slipfitter Mount **PA** Square and Round Pole Mount arm **TR** Trunnion Mount **YK** Yoke mount **AA** Adjustable Square and Round Pole Mount arm **UB** Universal Bracket **WM** Wall Mount	**DC** Dark Bronze(std) **Optional Finish** **GC** Dark Green **BC** Black **WC** White **SC** Silver	**Blank** without Photocell **P** with Photocell	**Blank** without Sensor **S** Sensor **BS** Networking Wireless Control version Sensor

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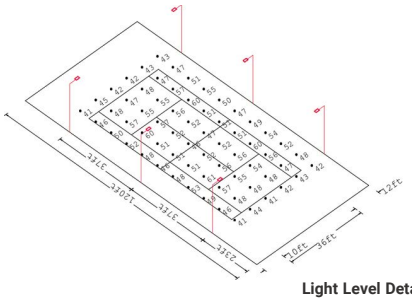
Tennis & Pickleball Court Lighting Design & Photometrics

Explore our optimized lighting layouts using high-performance 400W (68,000 lumens) or 600W (102,000 lumens) PFX-3731 series fixtures. The examples below showcase common photometric plans for both sports---ensuring excellent uniformity and visibility.

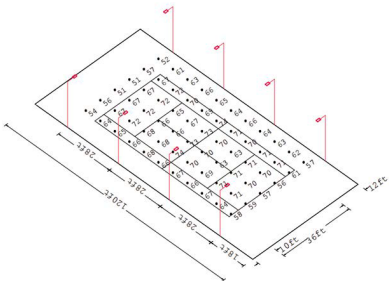
Note: These are general lighting concepts. Actual photometric performance may vary based on court dimensions, mounting heights, and software limitations. For precise photometric calculations
tailored to your court (new or retrofit), contact our lighting specialists.

TENNIS COURT RECOMMENDATIONS:



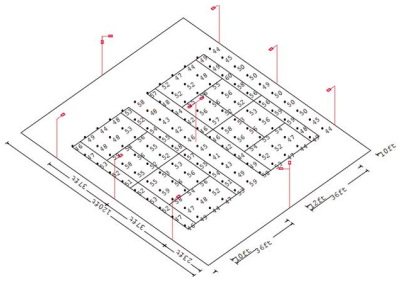
Sigle Court 6-pole
MH 25' 6-fixture 400W

Light Level Details
Illuminance (FC)
Average= 50.00
Max/Min Ratio = 1.49



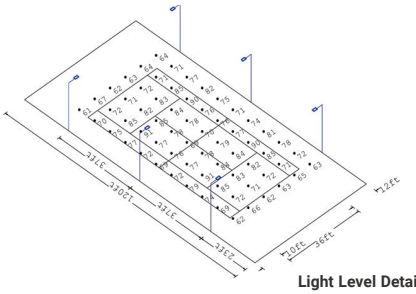
Sigle Court 8-pole
MH 25' 8-fixture 400W

Light Level Details
Illuminance (FC)
Average= 65.71
Max/Min Ratio = 1.45



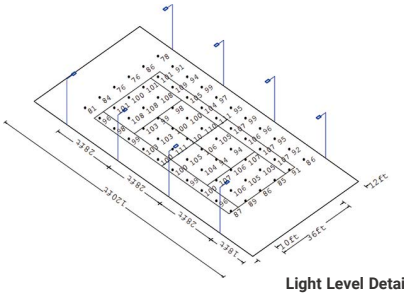
Two Court 9-pole
MH 25' 12-fixture 400W

Light Level Details
Illuminance (FC)
Average= 51.38
Max/Min Ratio= 1.46



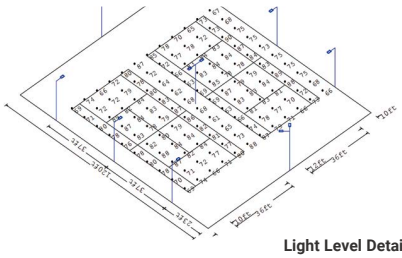
Sigle Court 6-pole
MH 25' 6-fixture 600W

Light Level Details
Illuminance (FC)
Average= 75.03
Max/Min Ratio = 1.49



Sigle Court 8-pole
MH 25' 8-fixture 600W

Light Level Details
Illuminance (FC)
Average= 98.71
Max/Min Ratio = 1.46



Two Court 9-pole
MH 25' 12-fixture 600W

Light Level Details
Illuminance (FC)
Average= 77.02
Max/Min Ratio= 1.48

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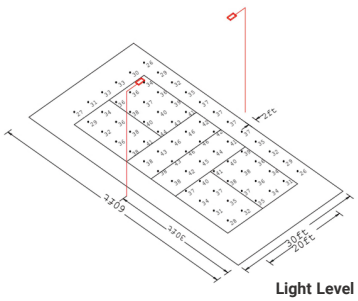
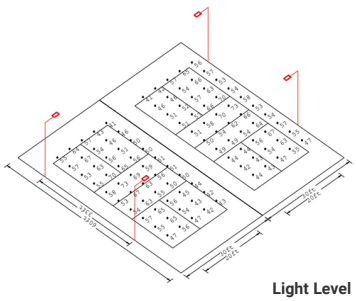
PICKLEBALL COURT RECOMMENDATIONS:



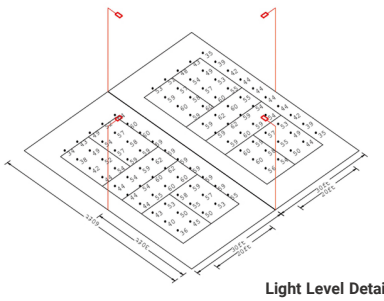
Sigle Court 2-pole
MH 30' 2-fixture 400W

Light Level Details
Illuminance (FC)
Average= 36.76
Max/Min Ratio = 1.77



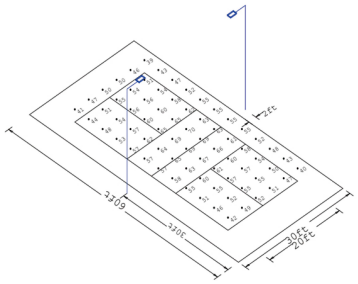
Two Court 4-pole
MH 20' 4-fixture 400W

Light Level Details
Illuminance (FC)
Average= 54.62
Max/Min Ratio = 1.78



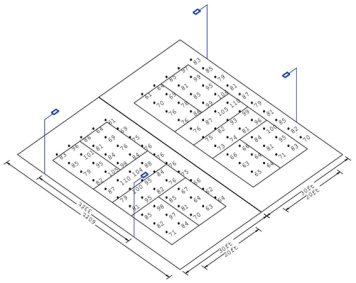
Two Court 4-pole
MH 30' 4-fixture 400W

Light Level Details
Illuminance (FC)
Average= 52.82
Max/Min Ratio= 1.82



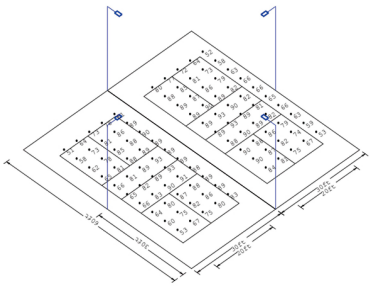
Sigle Court 2-pole
MH 30' 2-fixture 600W

Light Level Details
Illuminance (FC)
Average= 55.11
Max/Min Ratio = 1.79



Two Court 4-pole
MH 20' 4-fixture 600W

Light Level Details
Illuminance (FC)
Average= 81.86
Max/Min Ratio = 1.80



Two Court 4-pole
MH 30' 4-fixture 600W

Light Level Details
Illuminance (FC)
Average= 79.21
Max/Min Ratio= 1.82

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