



ILLUMINATE YOUR GAME

PICKLEBALL LIGHTING SOLUTIONS

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RECOMMENDED HORIZONTAL ILLUMINATION

Performance Criteria	Category I	Category II	Category III
Average Maintained Horizontal Footcandles within PPA	75 (750 lux)	50 (500 lux)	30 (300 lux)
Minimum Maintained Horizontal Footcandles within PPA	60 (600 lux)	40 (400 lux)	20 (200 lux)
Maximum Uniformity Ratio	1.7	2.0	2.0

RECOMMENDED VERTICAL ILLUMINATION

Performance Criteria	Category I	Category II	Category III
Average Maintained Vertical Footcandles within PPA	50 (500 lux)	30 (300 lux)	20 (200 lux)
Maximum Uniformity Ratio	1.7	2.0	2.0

75

66

56

47

38

28

19

9.4

0.18

ILLUMINANCE (Fc)

CATEGORY I PROFESSIONAL

ILLUMINATION SUMMARY					LUMINAIRE SUMMARY		
	AVG	MAX	MIN	MAX/MIN	Lumens	Watts	LPW
PPA	96	116	74	1.57	70,062	518	135
Vertical	57	62	52	1.19			

CATEGORY II CLUB

ILLUMINATION SUMMARY					LUMINAIRE SUMMARY		
	AVG	MAX	MIN	MAX/MIN	Lumens	Watts	LPW
PPA	55	68	41	1.66	38,916	288	135
Vertical	33	36	30	1.21			

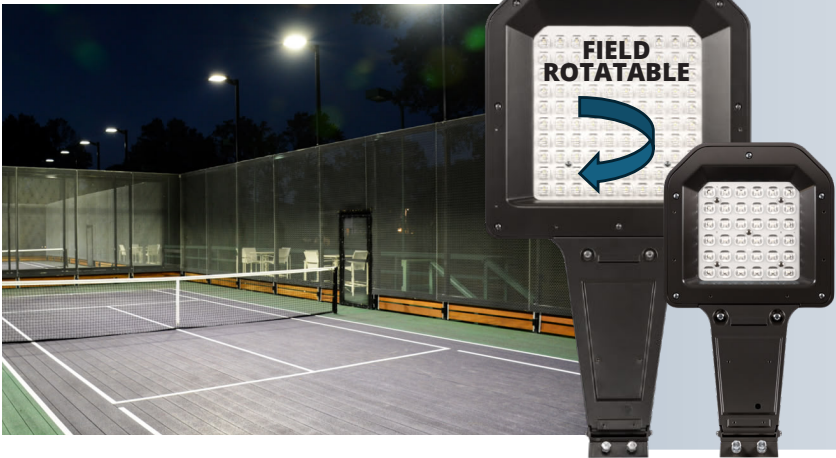
CATEGORY III RECREATIONAL

ILLUMINATION SUMMARY					LUMINAIRE SUMMARY		
	AVG	MAX	MIN	MAX/MIN	Lumens	Watts	LPW
PPA	37.8	46	28	1.64	26,393	176	150
Vertical	22	24	20	1.22			

Primary Playing Area (PPA) includes 6' beyond sidelines and 10' beyond baselines. Vertical illuminance calculated at 3' above net. Luminaires mounted on 20' poles.

COLOR OPTIONS

Paint color is very important to most clubs, especially if the poles are existing. Having the ability to produce the pole and head in the two most popular court colors, Black and Green, is a great advantage.



The SLPM has recessed LEDs. This gives it a great advantage over our competition when lighting sports courts. Whether it is tennis, pickleball, basketball, or volleyball the glare off a competitor's fixture can make it difficult and uncomfortable to play at night. At 3x the mounting height the LEDs are completely shrouded. Our field rotatable optics puts more lights on the courts with fewer poles.

RACQUET CLUB CASE STUDY



BEFORE

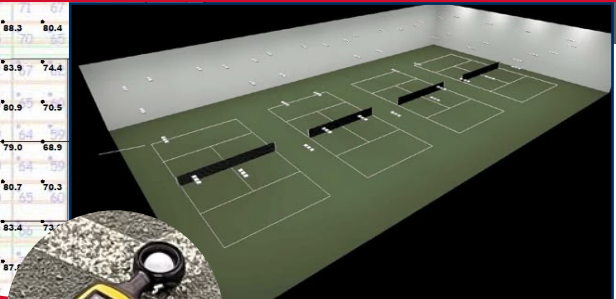
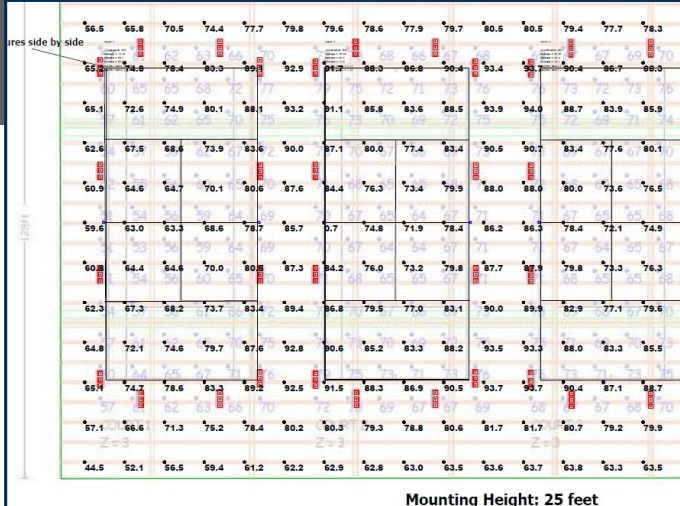


AFTER



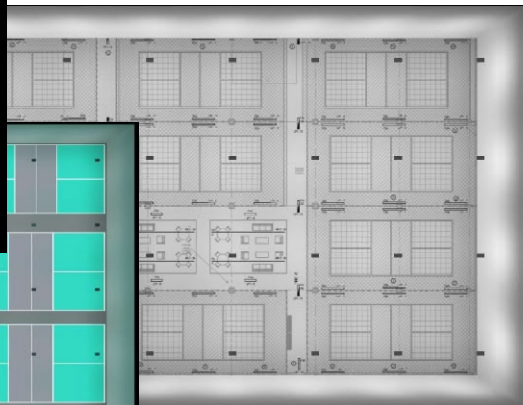
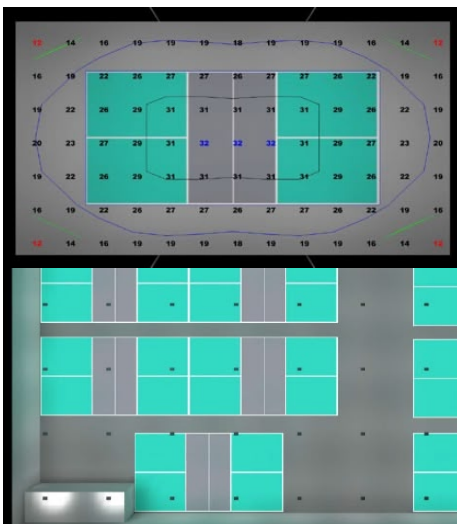
DURING

This racquet club believed they would need to replace their entire ceiling because the existing lighting made it appear discolored. Not until they installed our Smart Start fixtures, did they see the true color. The inverted fixtures removed all shadowing and increased the playing surface uniformity over traditional mounting.

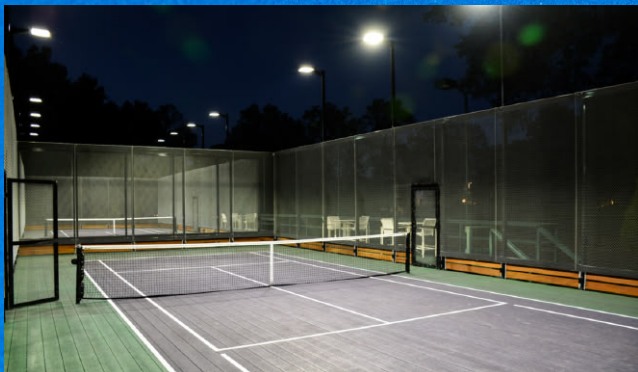
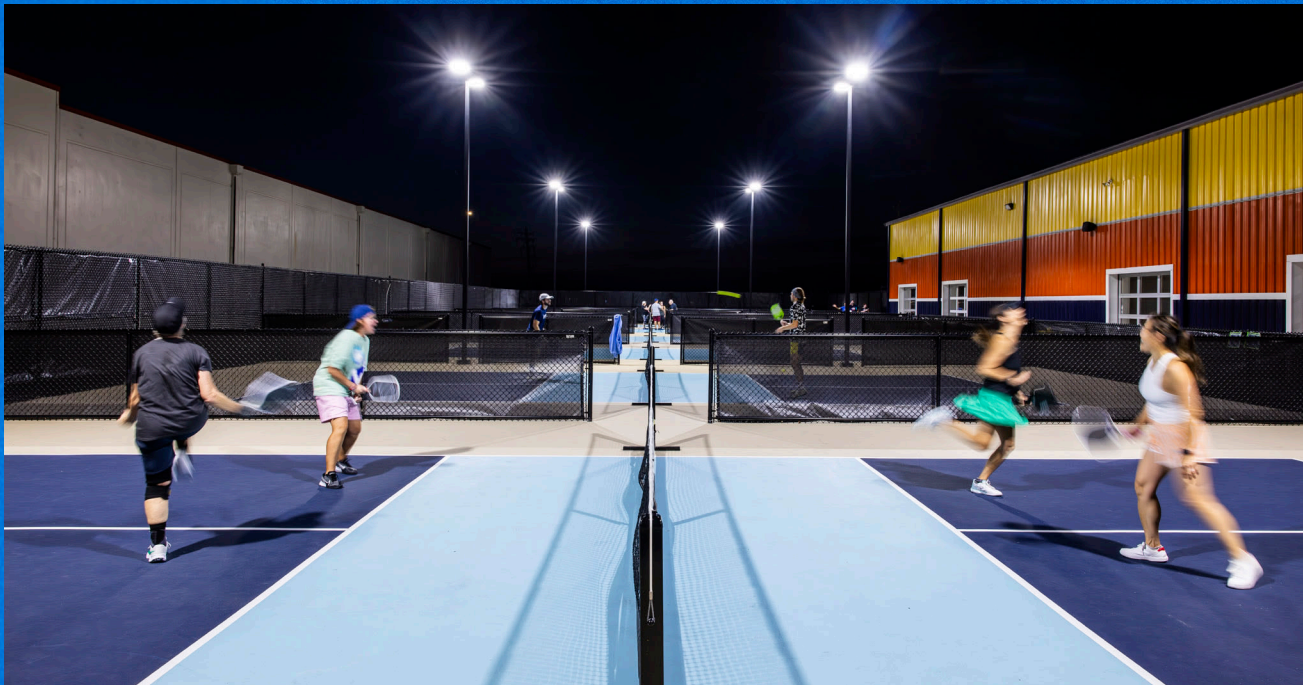


163% INCREASE

The playing surface averaged 38 Fc, and after installation the average was 89.8 Fc. We also increased the uniformity rating to 1:1.3, well below the required 1:1.66. Inverting the fixture reduced the footcandles significantly, so having a 90,000-lumen fixture was key to design success.



Whether it is one court or thirty courts, indoor or outdoor, we have a light solution that will meet and even exceed your expectations.



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