TECHLIGHT
INNOVATION IN ILLUMINATION

TENNIS
SCIMITAR

5 YEAR WARRANTY

RETRO-FIT

HID vs LED

Metal Halide Luminaire

LED Luminaire

Left Court

The existing HID fixtures produced 28FC/average @ 4000K, w/8 metal halide fixtures.

That is below the USTA class III FC avg. of 50FC.

Existing HID
28FC avg @ 4000K

New LED
107FC avg @ 5000K

Right Court

The upgraded LED fixtures produced 107FC/ average @ 5000K, w/8 of our new 6 Brick Scimitar fixtures.

We now exceed the USTA class II FC avg. recommendation of 75FC for competitive play.

While also delivering over 98,000 lumens!!!

The ASBA and the USTA recommend the maintained average levels of horizontal illumination shown on the chart below:

Typical Facility Classifications		
Class I	Class II	Class III
Professional	Satellite	College
International	Challenger	High School
Satellite	College	Tennis Clubs
Challenger	Tennis Clubs	Parks/Recreational
College	Parks/Recreational	Residential

Recommended Horizontal Illumination			
Performance Criteria	Class I	Class II	Class III
Average Maintained Horizontal Foot-candles within PPA	125+ (1250 lux)	75 (750 lux)	50 (500 lux)
Minimum Maintained Horizontal Foot-candles within PPA	100 (1000 lux)	60 (600 lux)	40 (400 lux)
Maximum Uniformity Ratio	1.5	1.7	2.0

Here are the Results,

of a facility we upgraded with our Retro-fit.

Notice the foot-candle (FC) difference between the left court, w/8 HID Fixtures, vs the right court, w/8 LED Fixtures.

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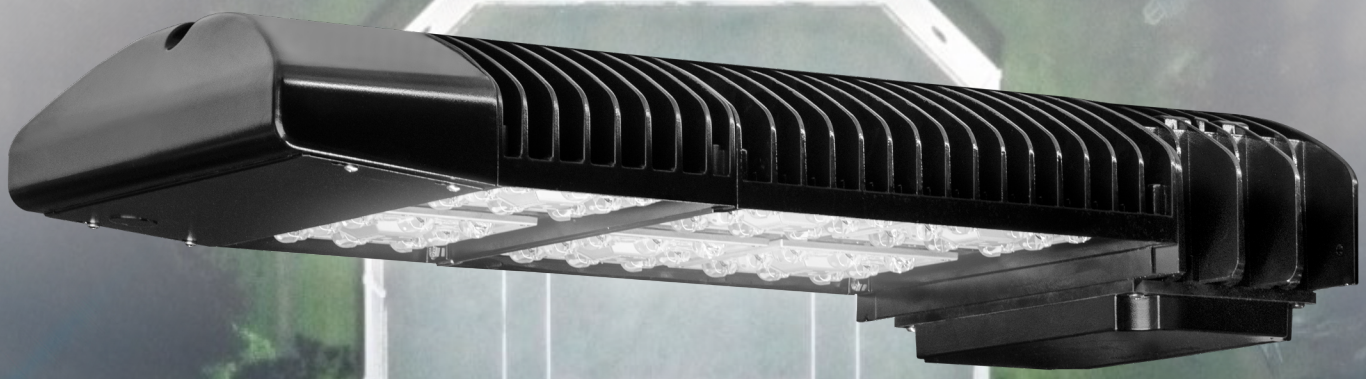
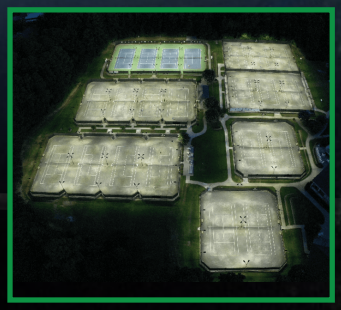
SET the ADVANTAGE *with our LSMT*

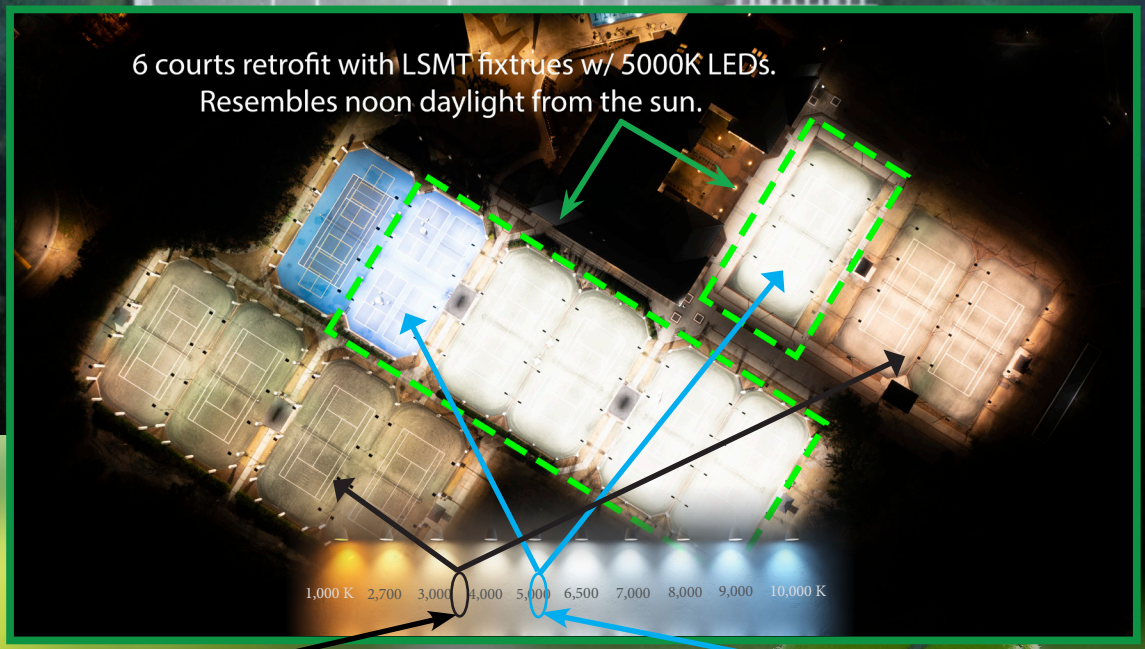
LOVE the GAME *without a "hook"*



The name of the game is how much light (lumens) you get from your fixtures, the amount of energy they consume & warranty *in the simplest of terms.*

We deliver **50,000 more** lumens than LSI & **40,000 more** than NLS, on their **top of the line,** tennis court, fixture offerings.





Compared to the 3000K-4000K Metal Halide. (resembles household light)

You can also easily see the difference in color temperature from our 5000K LEDs. (resembles noon daylight from the sun)