

SPORTPOLE - LSMA SERIES

Recreation Light System - LED



CENTER COURT
LIGHTING

SPECIFICATIONS

APPLICATION

The SportPole Series is designed to be used in any application where multiple or singular sports activities are being played and simultaneously require a premium lighting system. The 16' two (2) piece sportpole is optimal for the avid sport enthusiast who requires the ability to "hit the court" at any time, day or night! This poles' versatile sports court applications include; Pickleball, Tennis, Badminton, and Volleyball, which makes this series a perfect fit for the avid sportsperson or host! The sportpole comes standard with our Ultra High Lumen Output Scimitar LED Light, (2 Module Unit) emitting 25,000-45,000 nominal lumens (per fixture) in Cool White color temperature. Comes standard with T4, T5M, FT optics. Additional optics may be available upon request, consult your sales rep for options or alternate luminaire types that might be available.

CONSTRUCTION

Pole Top: Fabricated from hot rolled carbon steel having a minimum yield of 55,000 PSI and conforms to ASTM-A500 grade C requirements. This section can be combined with the bottom pole section and used to light most homes or small recreational centers. This sectional pole's size makes installation and maintenance easy for anyone without having to rent large specialty equipment.

Pole Bottom: Also composed of carbon steel and finished with a polyester thermosetting powder coat, it will stand up to the toughest weather conditions in your area. Supplied with a pivot anchor base plus bolts, each bottom pole is also drilled for the sporting applications mentioned above. For additional safety, the pivotal anchor base is supplied with two (2) locks to prevent unwarranted tampering and removal of those pivot bolts.

ANCHORAGE

A set of four (4) fully galvanized 3/4" x 18" x 3" anchor bolts are provided standard. Each bolt comes with two (2) galvanized hex nuts and flat washers.

MOUNTING

The pole comes standard with a 2 3/8" OD tenon to accommodate single or double fixture mounting hardware. Fixtures mounted to this tenon can be adjusted vertically as well as left to right. Standard mounting option is a (2AF) 2" Adjustable Slip Fitter. Additional mounting options are available for custom applications.

FINISH

A Super Durable Polyester powder coat finish is applied electrostatically in our state of the art paint facility. Standard colors available: Black, Bronze, US Green, White. Custom colors available upon request.



TV2 (2-3/8" OD)
2 Tennon Square Straight Bull Horn



2AF (Standard)
2" Adjustable Slip Fitter

ORDERING INFORMATION

EXAMPLE: SPORT-LSMA-2-T4-45L-1-BK

SPORT-LSMA	2	T4	45L	1	BK
SERIES	# OF FIXTURES ¹	OPTICS	LUMENS	VOLTAGE	FINISH
	1 Single Fixture : 2-3/8" OD Tenon (T238)	T5M TypeV Medium T4 Type IV FT Forward Throw	25L (Per Fixture) 30L (Per Fixture) 35L (Per Fixture) 40L (Per Fixture) 45L (Per Fixture)	1 Multi-Volt ² 3 277-480	BK Black BZ Bronze GR US Green WH White SP Special ³
	2 Double Fixtures : (TV2)				

ACCESSORIES (Order Separately)

PC2	480V Twist-Lock Photocell
PC7	Multi-Tap (105-285V) Twist-Lock Photocell
S213 ⁴	Angled Black Light Shield
NET WINCH	Sport Pole Net Winch (Cable Not Included)
TLGFIA	Ground Fault Receptacle
PHH	Additional Hand Hole
KAB3418G125	AB Kit (4) 3/4" x 18" Galv. Bolts and Rigid Template
C20	20' STW 16/3 cord

FIXTURE WEIGHTS (APPROX)

Fixture Configuration	2 Module
Weight (lbs)	37 lbs

NOTES

¹ = OD Tennon comes standard with both options.

² = Multi-Volt is an auto ranging power supply from 100V to 300V input.

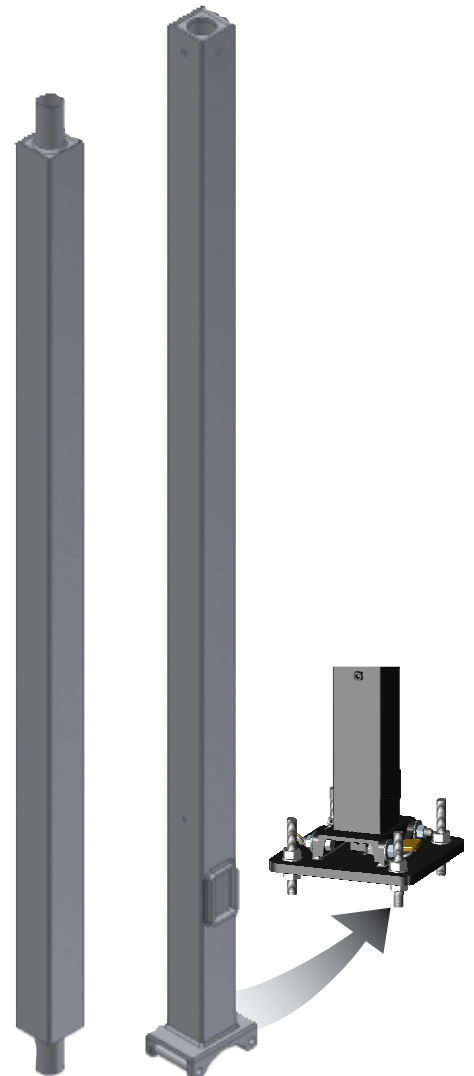
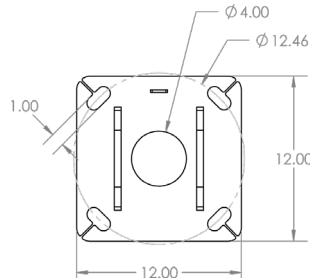
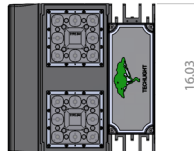
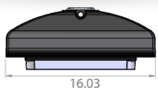
³ = Custom RAL color matching is available. Contact your sales representative for additional information.

⁴ = Order one per LED module. Field installed.

DIMENSIONS

Bolt Circle

(Always measured on the diagonal)



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LUMEN CHART

Nominal Lumens	T4		FT		System Watts	Amperage Draw				
	Delivered Lumens	Lumens/ Watt	Delivered Lumens	Lumens/ Watt		120V	208V	277V	347V	480V
20L	-	-	20,308	160	127	1.06	0.61	0.46	0.37	0.26
	20,002	146	-	-	137	1.14	0.66	0.49	0.39	0.29
25L	-	-	25,120	157	160	1.33	0.77	0.58	0.46	0.33
	25,134	142	-	-	177	1.48	0.85	0.64	0.51	0.37
30L	-	-	29,682	153	194	1.62	0.93	0.70	0.56	0.40
	29,729	137	-	-	217	1.81	1.04	0.78	0.63	0.45
35L	-	-	34,800	150	232	1.93	1.12	0.84	0.67	0.48
	34,500	133	-	-	260	2.17	1.25	0.94	0.75	0.54
40L	-	-	39,690	147	270	2.25	1.30	0.97	0.78	0.56
	38,480	130	-	-	295	2.46	1.42	1.06	0.85	0.61
45L	-	-	42,216	144	295	2.46	1.42	1.06	0.85	0.61

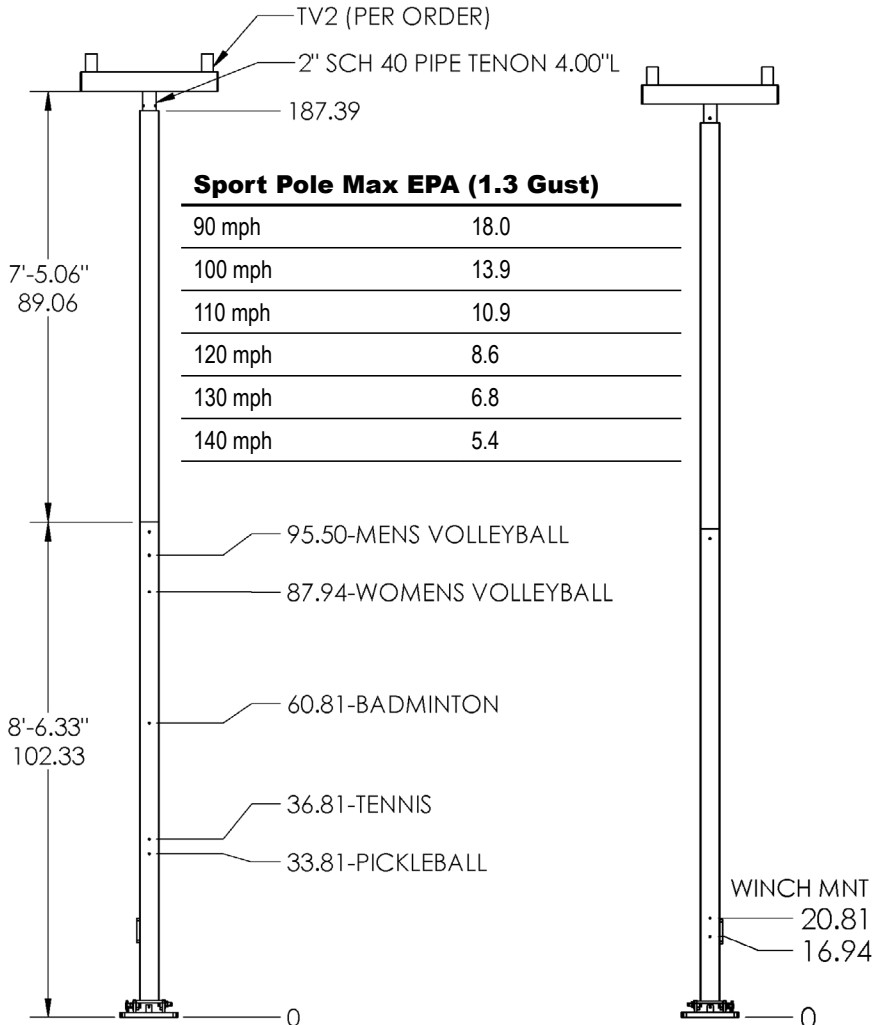
EPA RATINGS (ft²)

EPA's shown below include both the fixture and the mounting apparatus.

LSMA 2 (Two Module)

	DESCRIPTION							
TV2	Two In-Line Tenons	2.2	3.0	3.4	3.9	4.2	4.4	5.1
T238	Single Vertical Tenon	0.7	1.0	1.3	1.5	1.7	1.8	2.1

SportPole (16')



PHOTOMETRICS

IES INDOOR REPORT

PHOTOMETRIC FILE NAME: (1) LSMAC45LT5M

(1) Type V Medium Optical Assembly
2 Module, Cool White

LSMA LED Scimitar Flood
Color Temperature: 5,000 K

