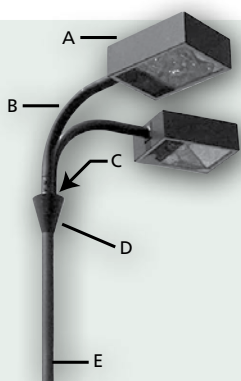


SLS Tennis Court System

SportsLiter Solutions

SPORTSLIGHTING



SportsLiter Solutions SLTC Series Tennis Court System is a sharp cut-off lighting system ideally suited for tennis courts, basketball courts, volleyball courts and in-line skating parks. Its innovative luminaire design and optics minimize light spillage and will keep the light where you want it - on the playing surface.

- One-piece formed and welded aluminum housing
- Two mills minimum of electrostatically applied powder coating
- Extruded aluminum door frame
- Clear flat tempered glass lens
- Cellular urethane foam gasketing
- Door mounted with concealed hinges
- Computer designed optics provide sharp cut-off and uniform lighting
- BT-56 lamp included
- Ballast factory mounted on galvanized plate
- Isolated ballast compartment for prolonged ballast life
- UL 1598 wet location listed

A) LUMINAIRE LOGIC

SLTC - [] - [] - [] - [] - []

SERIES
SLTC SLTC Series

OPTICS
HT Horizontal Forward Throw

HOUSING STYLE
A Version A

VOLTAGE
8 Quad Tap® (120, 208, 240, 277V)

WATTAGE/SOURCE
1000H¹ 1000W Metal Halide
0400P¹ 400W Metal Halide Pulse Start

COLOR
1 Bronze
2 Black
7 Green

1 Lamp included

E) ROUND STRAIGHT STEEL POLE LOGIC

SLT - [] - [] - [] - [] - []

SERIES
SLT SLT Series

GAUGE
3¹ 3 Gauge
7² 7 Gauge
1³ 11 Gauge

NOMINAL SHAFT SIZE
4 Four inches
5 Five inches
6 Six inches

MOUNT
AB⁴ Anchor Base Steel
DB Direct Embedded Steel

NOMINAL SHAFT LENGTH
18 Eighteen foot
20 Twenty foot

COLOR
1 Bronze
2 Black
7 Green

1 Six inch shaft
2 Four and five inch shafts
3 Four inch shaft
4 Anchor base poles include base covers

B) Arms



Catalog Number	Description
SLTC-SA-1	Single arm, Bronze
SLTC-SA-2	Single arm, Black
SLTC-SA-7	Single arm, Green

C) Twin and Quad Couplers



SLTC-TB-X



SLTC-QB-X

Catalog Number	Description
SLTC-TB-1	Twin coupler, Bronze
SLTC-TB-2	Twin coupler, Black
SLTC-TB-7	Twin coupler, Green
SLTC-QB-1	Quad coupler, Bronze
SLTC-QB-2	Quad coupler, Black
SLTC-QB-7	Quad coupler, Green

- 4" common arm for twin and quad couplers
- Twin couplers good for 70° and 180° orientations

D) Shroud



Catalog Number ¹	Description
SHROUDX-M50	Shroud, Black
SHROUDX-M51	Shroud, Bronze
SHROUDX-M57	Shroud, Green

1 Replace "X" with 4 - 4" poles, 5 - 5" poles or 6 - 6" poles. Must be ordered when twin or quad couplers are used.



SLTC Poles

SLS Tennis Court System Poles

Luminaire Configuration / EPA / Weights

Fixture Quantity	Description	Weight lbs. (kg)	EPA ft ² (m ²)	EPA Load Application	
				Horizontal Offset	Vertical Offset
1	SLTC Single	90 (40.8)	4 (.4)	44"	24"
2	SLTC Twin 180°	180 (81.6)	8 (.7)	0"	24"
2	SLTC Twin 70°	180 (81.6)	7.7 (.7)	40"	24"
4	SLTC Quad	360 (163.2)	12.7 (1.2)	0"	24"

Note Twin coupler adds 30 lbs (13.6 kg) to total weight.

Note Quad coupler adds 40 lbs (18.2 kg) to total weight.

SLTC Pole / Luminaire Configurations

(Ground reactions as calculated according to AASHTO standard LTS-3)

Fixture Description	Pole Catalog Number	For Anchor Base Poles			Base Moment (ft. lb.)	Horiz. Shear (lbs)	Axial Load (lbs)	Base Stress (psi)	Bolt Stress (psi)
		Bolt Circle	Bolt Thickness	Anchor Diameter					
80 MPH Wind Speed									
SLTC1000 Single	SLT4181	8"	.75"	.75"	4076	265	195	9544	12998
SLTC1000 Twin 180°	SLT4187	8"	.75"	.75"	6152	376	322	14404	19618
SLTC1000 Twin 70°	SLT4207	8"	.75"	.75"	7513	388	337	17591	23958
SLTC Quad	SLT5207	9"	1"	1"	10524	562	565	9187	33560
100 MPH Wind Speed									
SLTC1000 Single	SLT4187	8"	.75"	.75"	6060	403	337	14189	19325
SLTC1000 Twin 180°	SLT5187	9"	1"	1"	9150	561	357	7987	29178
SLTC1000 Twin 70°	SLT5207	9"	1"	1"	10759	576	375	9392	34309
SLTC Quad	SLT6203	9"	1"	1"	14884	784	831	3056	23253
120 MPH Wind Speed									
SLTC1000 Single	SLT5187	9"	1"	1"	7668	493	262	6693	24452
SLTC1000 Twin 180°	SLT5187	9"	1"	1"	12553	742	357	10958	40030
SLTC1000 Twin 70°	SLT6203	9"	1"	1"	14029	741	641	2880	21917
SLTC Quad	SLT6203	9"	1"	1"	20688	1059	831	4247	32320

Note Ground reactions used to determine foundation design.

SLTC Pole Weights (less luminaire)

Catalog Number	Weight lbs. (kg)
Direct Embedded Poles	
SLT4187	162 (73.5)
SLT4207	176 (79.8)
SLT4181	122 (55.3)
SLT5187	211 (95.7)
SLT5207	229 (103.9)
SLT6203	548 (248.6)
Anchor Base Poles	
SLT4187	145 (65.8)
SLT4207	159 (72.1)
SLT4181	112 (50.8)
SLT5187	196 (88.9)
SLT5207	214 (97.1)
SLT6203	477 (216.4)

