



TDS Sports Lighting Design Request Checklist

**Fixture Beam Spreads, Aiming Diagram, and Final Calculations will be furnished upon the receipt of a released order.

Project Information:

- Job Name
- Full Address
- Scope of work Designate the areas for design and calculation
CAD File: Need XREFs bound in a clean CAD file. Hide/Freeze/Remove all unnecessary layers.
- Drawing Types
PDF File: Need a Clean PDF with site information and a dimension for scaling. Include at least (1) dimension so drawing can be scaled. No shaded areas or existing lighting calculations.
Google Map or Address: Provide a survey to confirm location and number of fixtures. Any map images will be approximate calculations. We cannot determine existing pole heights from Google. Please provide.
- Project Types New, Retrofit, Revision? - See below
- Site Restrictions Provide any local Zoning/Spill Light/Residential Code restrictions.

New Site:

- Pole Height: Provide a CAD drawing or a PDF file. The PDF file must include (1) Dimension in order to be able to scale the drawing. Google Map images can be utilized but calculations results will be approximate.
- Structures: LSI will determine the optimum pole height required unless otherwise instructed or heights provided at initial request.

Retrofit: Provide previous drawing, and/or calculations, and aiming diagram if possible. The PDF file must include (1) Dimension in order to be able to scale the drawing. Google Map images can be utilized but calculations results will be approximate.

- Pole Locations: Pole locations need to be indicated on submitted documentation.
- Pole Heights: Note whether we are to use existing poles. Provide pole height. We cannot determine pole heights from Google.
- Brackets: Provide details on current brackets if reusing the current structure. (Cage, Crossarm, Configuration, Quantity per pole etc..)
- Fixtures: Provide existing fixture manufacturer, catalog number, source type, wattage, and quantity.
- Structures: Provide details concerning any structures that could potentially block the spread of light from the new fixtures. (Bleachers, Press Box, etc..)

Revision:

- LSI TDS Drawing #: Provide LO#

Sports Classification and Types - Provide Sport and Classification with every request

Field Sports Class of Play:

Baseball/Softball	<input type="checkbox"/> Class 1	150fc Infield	100fc Outfield	1.3 Max./Min.	1.7 Max./Min.
	<input type="checkbox"/> Class 2	100fc Infield	75fc Outfield	1.5 Max./Min.	2.0 Max./Min.
	<input type="checkbox"/> Class 3	50fc Infield	30fc Outfield	2.0 Max./Min.	2.5 Max./Min.
	<input type="checkbox"/> Class 4	30fc Infield	20fc Outfield	2.5 Max./Min.	3.0 Max./Min.
Football	<input type="checkbox"/> Class 1	100fc	1.7 Max./Min.		
	<input type="checkbox"/> Class 2	50fc	2.0 Max./Min.		
	<input type="checkbox"/> Class 3	30fc	2.5 Max./Min.		
	<input type="checkbox"/> Class 4	20fc	3.0 Max./Min.		
Soccer	<input type="checkbox"/> Class 1	75fc	1.7 Max./Min.		
	<input type="checkbox"/> Class 2	50fc	2.0 Max./Min.		
	<input type="checkbox"/> Class 3	30fc	2.5 Max./Min.		
	<input type="checkbox"/> Class 4	20fc	3.0 Max./Min.		

FACULTY	CLASS			
	I	II	III	IV
Professional	X			
College	X	X		
Semiprofessional	X	X		
Sport Clubs	X	X	X	
Amateur Leagues		X	X	X
High School		X	X	X
Training Facilities			X	X
Elementary School				X
Recreational Event				X
Social Event				X

Class I: Facilities with spectator capacity over 5,000
 Class II: Facilities with spectator capacity up to 5,000
 Class III: Facilities with spectator capacity up to 2,000
 Class IV: Facilities with limited or no provision for spectator

OUTDOOR Court Class of Play:

Tennis	<input type="checkbox"/>	Class 1	125fc	1.5 Max./Min.
	<input type="checkbox"/>	Class 2	75fc	1.7 Max./Min.
	<input type="checkbox"/>	Class 3	50fc	2.0 Max./Min.
	<input type="checkbox"/>	Class 4	30fc	2.5 Max./Min.
Basketball/Volleyball	<input type="checkbox"/>	Class 3	30fc	3.0 Max./Min.
	<input type="checkbox"/>	Class 4	20fc	4.0 Max./Min.
Pickleball	<input type="checkbox"/>	Class 1	75fc	1.7 Max./Min.
	<input type="checkbox"/>	Class 2	50fc	2.0 Max./Min.
	<input type="checkbox"/>	Class 3	30fc	2.0 Max./Min.

INDOOR Court Class of Play:

Tennis	<input type="checkbox"/>	Class 1	150fc	1.5 Max./Min.	Checklist:
	<input type="checkbox"/>	Class 2	100fc	1.5 Max./Min.	<input type="checkbox"/> Fixture Choice?
	<input type="checkbox"/>	Class 3	75fc	1.7 Max./Min.	<input type="checkbox"/> Ceiling Heights?
	<input type="checkbox"/>	Class 4	50fc	2.0 Max./Min.	<input type="checkbox"/> Any obstructions?
Basketball/Volleyball	<input type="checkbox"/>	Class 1	125fc	1.7 Max./Min.	<input type="checkbox"/> Paint colors or LRV of
	<input type="checkbox"/>	Class 2	75fc	2.5 Max./Min.	surfaces (light
	<input type="checkbox"/>	Class 3	50fc	3.0 Max./Min.	reflectance values)?
	<input type="checkbox"/>	Class 4	30fc	4.0 Max./Min.	<input type="checkbox"/> Room Names?
Pickleball	<input type="checkbox"/>	Class 1	75fc	1.7 Max./Min.	
	<input type="checkbox"/>	Class 2	50fc	2.0 Max./Min.	
	<input type="checkbox"/>	Class 3	30fc	2.0 Max./Min.	

LSI Contacts:

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Send above information to begin the process - TDS Sports Applications - sports.apps@lsicorp.com