



## ZNF Sports Lighting Design Request Form

Provide CAD file or 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.

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

Submitted By:

Project Name:

Address:

City, State:

Date Submitted:

Date Required:

**Zoning Restrictions** Provide any local Zoning/Spill Light/Residential Code restrictions.

**New Site?:** Provide a CAD drawing or a PDF file. Note the locations of the stands or any other structure that would be located between the poles and the field of play.  
 Pole Height: LSI will determine the optimum pole height required unless otherwise instructed.

**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 Height: Note whether we are to use existing poles. Provide pole height.  
 Brackets: Provide details on current brackets if reusing the current structure. (Cage, Crossarm, Configuraion, 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 form the new fixtures. (Bleachers, Press Box, etc..)

**Revision?:**

**Class of Play: (REQUIRED)**

**Baseball/Softball**

Class 1 150fc Infield 100fc Outfield  
1.3 Max./Min. 1.7 Max./Min.

Class 2 100fc Infield 75fc Outfield  
1.5 Max./Min. 2.0 Max./Min.

Class 3 50fc Infield 30fc Outfield  
2.0 Max./Min. 2.5 Max./Min.

Class 4 30fc Infield 20fc Outfield  
2.5 Max./Min. 3.0 Max./Min.

**Football**

Class 1 100fc 1.7 Max./Min.

Class 2 50fc 2.0 Max./Min.

Class 3 30fc 2.5 Max./Min.

Class 4 20fc 1.0 Max./Min.

**Soccer**

Class 1 75fc 1.7 Max./Min.

Class 2 50fc 2.0 Max./Min.

Class 3 30fc 2.5 Max./Min.

Class 4 20fc 1.0 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