

EQUIPMENT LIST FOR AREAS SHOWN									
QTY	Location	Pole Size	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	Luminaires			
						QTY	THIS JOB	OTHER JOB	OTHER
2	A1-A2	70'	-	70'	1500W NAZ	6	6	0	0
2	B1-B2	70'	-	70'	1500W NAZ	6	6	0	0
4	TOTALS					18	18	0	0



SCALE IN FEET 1 : 80  
0 90 180



**MY PROJECT**  
Name: Sturbridge Little League  
Location: Sturbridge, MA

**GRID SUMMARY**  
Name: Split at 150'  
Spacing: 300'  
Height: 50' above grade

**CONSTANT ILLUMINATION**

PARAMETER	VALUE	HORIZONTAL FOOTCANDLES
Scen Average:	0.11093	
Minimum:	0.18	
Maximum:	0.05	
No. of Poles:	58	
Luminaire Type:	Green Generation	
Design Usage Hours:	5,000 hours	
Design Lumens:	134,000	
Avg Lamp Tilt Factor:	0.995	
No. of Luminaires:	18	
Avg Fc (K):	28.15 (30.6 max)	

**Guaranteed Performance:** The CONSTANT ILLUMINATION described above is guaranteed for the design usage hours of the system.

**Field Measurements:** Illumination measured in accordance with IESNA RP-6-15 and CIBSE G4. Individual values may vary. See the Warranty document for details.

**Electrical System Requirements:** Refer to Appendix Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume +/- 5% nominal voltage at line side of the ballast and structures located within 2 feet (Lm) of design locations.

**ENGINEERED DESIGN**  
By: Markie Roake  
File # / Date: 126315C01  
16-Oct-18

**ILLUMINATION SUMMARY**

Pole locations:  $\Phi$  Dimensions are relative to 0.0 reference point(s)  $\otimes$

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**MY PROJECT**  
 Name: Sturbridge Little League  
 Location: Sturbridge, MA

**EQUIPMENT LAYOUT**

**INCLUDES:**  
 - Little League

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.  
 Installation Requirements: Fixtures assume 4'-3 3/8" nominal height at line side of the ballfield and structures located within 3 feet (1m) of design locations.

**EQUIPMENT LIST FOR AREAS SHOWN**

Pole Qty	Location	Height	Working Height	Mounting Type	Power
2	A1/A2	70"	70"	1500W MZ	3
2	B1/B2	70"	70"	1500W MZ	6

**SINGLE LUMINAIRE AVERAGE DRAW CHART**  
 (Line power factor)

Single Phase Voltage	208	220	240	277	347	380	480
1500 watt MZ	8.6	8.3	7.3	6.5	5.1	4.7	3.7



SCALE IN FEET 1 : 60  
 0 60 120'

Pole location(s) Ⓧ dimensions are relative to 0,0 reference point(s) ⊕

**ENGINEERED DESIGN**  
 By: Marie Rourke  
 File # / Date: 126515CR1  
 16-Oct-18

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**EQUIPMENT LAYOUT**