

The Farm Tennis  
Chapel Hill, NC

GRID SUMMARY	
Name:	Blanket
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	6.43
Maximum:	72
Minimum:	0
Avg / Min:	-
Max / Min:	-
UG (adjacent pts):	84.88
CU:	1.00
CV:	2.66
No. of Points:	868
LUMINAIRE INFORMATION	
Applied Circuits:	A, B, C, D, E, F, G
No. of Luminaires:	40
Total Load:	41.42 kW

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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

**Installation Requirements:** Results assume  $\pm 3\%$  nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

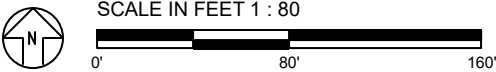


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ILLUMINATION SUMMARY



NOTES: BLUE CONTOUR LINE REPRESENTS 0.0FC



Pole location(s) ⚡ dimensions are relative to 0,0 reference point(s) ⊗





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EQUIPMENT LAYOUT

INCLUDES:

- Security
- Tennis 1-3
- Tennis 1-6
- Tennis 10-12
- Tennis 4-6
- Tennis 7-12
- Tennis 7-9

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

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires		
QTY	LOCATION	CLASS	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE
1	T1	LSS50A	-	30'	CREE OSQ	1
				50'	TLC-LED-1200	2
1	T2	LSS50AB	-	50'	TLC-LED-1200	4
				30'	CREE OSQ	1
				50'	TLC-LED-900	1
3	T3, T7 T9	LSS50A	-	50'	TLC-LED-1200	2
1	T4	LSS50AB	-	50'	TLC-LED-1200	2/2*
1	T5	LSS50B	-	50'	TLC-LED-1200	4/4*
				30'	CREE OSQ	1
				50'	TLC-LED-900	1/1*
1	T6	LSS50AB	-	30'	CREE OSQ	1
				50'	TLC-LED-1200	2/2*
1	T8	LSS50AB	-	50'	TLC-LED-1200	4
				50'	TLC-LED-900	1
9	TOTALS					40

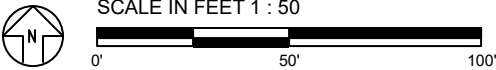
\* This structure utilizes a back-to-back mounting configuration

SINGLE LUMINAIRE AMPERAGE DRAW CHART

Ballast Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)						
	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
Single Phase Voltage	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-LED-900	5.3	5.0	4.6	4.0	3.2	2.9	2.3
TLC-LED-1200	7.0	6.6	6.1	5.2	4.2	4.0	3.0
Cree OSQ	-	-	-	-	0.3	-	0.2



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