

## Statistics

	Average	Maximum	Minimum	Max/Min	Avg/Min
SOCCER	33.2	41.6	22.6	1.8	1.5



One Lithonia Way Conyers, GA 30012

These lighting calculations are not a substitute for an independent engineering analysis of lighting system suitability and safety.

## Luminaire Schedule

Symbol	Qty	Catalog No.	Lamp	Initial Lumens
N	16	ASPX5M GN	MH1500/BU-HOR	151900
M	8	ASPX5M GM	MH1500/BU-HOR	151900

**A2** (-50, 160)

**A1** ( 50, 160)

+	+	+	+	+	+	+	+	+	+
25	24	23	31	26	26	31	23	24	25
+	+	+	+	+	+	+	+	+	+
25	29	30	37	34	34	37	30	29	25
+	+	+	+	+	+	+	+	+	+
29	37	38	41	41	41	41	38	37	29
+	+	+	+	+	+	+	+	+	+
31	40	41	41	42	42	41	41	40	31
+	+	+	+	+	+	+	+	+	+
31	40	41	41	42	42	41	41	40	31
+	+	+	+	+	+	+	+	+	+
29	37	38	41	41	41	41	38	37	29
+	+	+	+	+	+	+	+	+	+
25	29	30	37	34	34	37	30	29	25
+	+	+	+	+	+	+	+	+	+
25	24	23	31	26	26	31	23	24	25

## Notes

- 1) Levels shown are maintained horizontal illuminance.
- 2) Based on a light loss factor of .80
- 3) Results are shown in units of footcandles.
- 4) Levels shown are taken 3 Feet above grade.
- 5) Includes effects of lamp operating position.
- 6) EPA does not include bracketry
- 7) Levels based on rated input voltage supplied to ballast

## Luminaire Legend

Pole	Quantity	EPA[FT SQ]	Power[KVA]	Height
A1	6	19.8	9.66	75
A2	6	19.8	9.66	75
A3	6	19.8	9.66	75
A4	6	19.8	9.66	75

**A4** (-50,-160)

**A3** ( 50,-160)

Drawing Number:	Drawn By:
SCA431AS	Approved:
Sheet 1 of 1	Date: 10/13/03
	Scale: 1 Inch = 80 Feet

**TYPICAL 160 X 200 SOCCER FIELD**  
4 POLE 30FC LAYOUT