

Statistics

	Average	Maximum	Minimum	Max/Min	Avg/Min
SOCCER	30.3	35.2	22.7	1.5	1.3



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	6	ASPX5M GM	MH1500/BU-HOR	151900

A5 (-100, 160)

B1 (0, 160)

A1 (100, 160)

+	+	+	+	+	+	+	+	+	+
23	27	24	24	28	28	24	24	27	23
+	+	+	+	+	+	+	+	+	+
25	29	29	33	34	34	33	29	29	25
+	+	+	+	+	+	+	+	+	+
31	34	32	35	33	33	35	32	34	31
+	+	+	+	+	+	+	+	+	+
33	35	32	33	33	33	32	35	33	33
+	+	+	+	+	+	+	+	+	+
33	35	32	33	33	33	32	35	33	33
+	+	+	+	+	+	+	+	+	+
31	34	32	35	33	33	35	32	34	31
+	+	+	+	+	+	+	+	+	+
25	29	29	33	34	34	33	29	29	25
+	+	+	+	+	+	+	+	+	+
23	27	24	24	28	28	24	24	27	23

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	4	13.2	6.44	75
A2	4	13.2	6.44	75
A5	4	13.2	6.44	75
A6	4	13.2	6.44	75
B1	3	9.9	4.83	75
B2	3	9.9	4.83	75

A6 (-100,-160)

B2 (0,-160)

A2 (100,-160)

Drawing Number:	Drawn By:
SCA631AS	Approved:
Sheet 1 of 1	Date: 10/13/03
	Scale: 1 Inch = 80 Feet

TYPICAL 160 X 200 SOCCER FIELD
6 POLE 30FC LAYOUT