

Statistics

	Average	Maximum	Minimum	Max/Min	Avg/Min
SOCCER	50	58.6	40.6	1.4	1.2



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	16	ASPX5M GM	MH1500/BU-HOR	151900
W	4	ASPX5M GW	MH1500/BU-HOR	151900

A2 (-50, 140)

A1 (50, 140)

+	+	+	+	+	+	+	+	+	+
43	43	41	43	43	43	43	41	43	43
+	+	+	+	+	+	+	+	+	+
44	47	41	47	55	55	47	41	47	44
+	+	+	+	+	+	+	+	+	+
49	57	52	56	58	58	56	52	57	49
+	+	+	+	+	+	+	+	+	+
50	59	58	59	56	56	59	58	59	50
+	+	+	+	+	+	+	+	+	+
50	59	58	59	56	56	59	58	59	50
+	+	+	+	+	+	+	+	+	+
49	57	52	56	58	58	56	52	57	49
+	+	+	+	+	+	+	+	+	+
44	47	41	47	55	55	47	41	47	44
+	+	+	+	+	+	+	+	+	+
43	43	41	43	43	43	43	41	43	43

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	9	29.7	14.49	70
A2	9	29.7	14.49	70
A3	9	29.7	14.49	70
A4	9	29.7	14.49	70

A4 (-50,-140)

A3 (50,-140)

Drawing Number:	Drawn By:
SCA452AS	Approved:
Sheet 1 of 1	Date: 10/13/03
	Scale: 1 Inch = 80 Feet

TYPICAL 160 X 200 SOCCER FIELD
4 POLE 50FC LAYOUT