

Statistics

	Average	Maximum	Minimum	Max/Min	Avg/Min
SOCCER	20.2	25.8	11.8	2.2	1.7





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	28	ASPX5M GN	MH1500/BU-HOR	151900
M	4	ASPX5M GM	MH1500/BU-HOR	151900

A2 
(-180, 192)

 B1
(0, 192)

 A1
(180, 192)

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
16	19	14	14	15	16	16	14	12	12	14	16	16	15	14	14	19	16	16	16
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
16	20	18	20	21	19	17	15	13	13	15	17	19	21	20	18	20	16	16	16
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
14	20	21	25	24	21	19	18	17	17	18	19	21	24	25	21	20	14	14	14
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
17	23	25	26	25	24	23	22	21	21	22	23	24	25	26	25	23	17	17	17
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
18	24	26	25	24	25	24	24	23	23	24	24	25	24	25	26	24	18	18	18
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
19	24	26	25	24	25	25	24	24	24	24	25	25	24	25	26	24	19	19	19
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
18	24	26	25	24	25	24	24	23	23	24	24	25	24	25	26	24	18	18	18
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
17	23	25	26	25	24	23	22	21	21	22	23	24	25	26	25	23	17	17	17
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
14	20	21	25	24	21	19	18	17	17	18	19	21	24	25	21	20	14	14	14
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
16	20	18	20	21	19	17	15	13	13	15	17	19	21	20	18	20	16	16	16
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
16	19	14	14	15	16	16	14	12	12	14	16	16	15	14	14	19	16	16	16


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	5	16.5	8.05	90
A2	5	16.5	8.05	90
A3	5	16.5	8.05	90
A4	5	16.5	8.05	90
B1	6	19.8	9.66	90
B2	6	19.8	9.66	90

A4 
(-180,-193)

 B2
(0,-193)

 A3
(180,-193)

Drawing Number:	Drawn By:
SCC621AS	Approved:
Sheet 1 of 1	Date: 10/13/03
	Scale: 1 Inch = 100 Feet

TYPICAL 225 X 360 SOCCER FIELD
6 POLE 20FC LAYOUT