

LUMINAIRE: 100 WATT
HPS LAMP
240 VOLT BALLAST

2-POLE QUICK DISCONNECT
WITH 2-2 AMPERE FUSE
LITTLE FUSE LEB-AA-S

20 AMP - RECEPTACLE DUPLEX GFCI
COMMERCIAL GRADE

2-POLE QUICK DISCONNECT
WITH SOLID NEUTRAL SLUG AND
1-6 AMP FUSE
LITTLE FUSE LEB-AA-S

#10 600 V (XHHW-2)
SOLID COLOR CABLE (TYP)

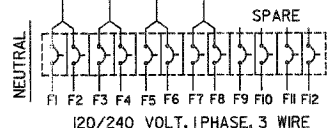
GROUND LUG ON POLE

#6-600 V (XHHW-2)

RED
BLACK
GREEN
BLUE
ORANGE
WHITE

5/8" DIA x 10' GROUND ROD

1 1/4" DIA POLYETHYLENE
DUCT



120/240 VOLT, 1PHASE, 3 WIRE

CIRCUIT LOAD

CIRCUIT	120 VOLT-PHASE BLUE		CIRCUIT	120 VOLT-PHASE ORANGE	
	AMPERE	WATTS		AMPERE	WATTS
F1	30.0	3,600	F2	27.0	3,240
F3	30.0	3,600	F4	27.0	3,240
F5	24.0	2,880	F6	21.0	2,520
F7	21.0	2,520	F8	21.0	2,520
F9	—	—	F10	—	—
F11	—	—	F12	—	—
TOTAL	105.0	12,600	TOTAL	96.0	11,520

Sunjoy Inc.
Area Lighting
212 TIMBERCREST DRIVE
SCHAUMBURG, ILLINOIS
60193-1572

VILLAGE OF CARPENTERSVILLE
MAIN STREET OVER FOX RIVER
**ONE LINE CIRCUIT DIAGRAM
FESTOON PANEL**

SCALE: NTS
DATE: 02-05-05
DRAWN BY: HMO
CHECKED BY: JS

REVISION 02-26-05

© Sunjoy Inc. 2002. All rights reserved.