

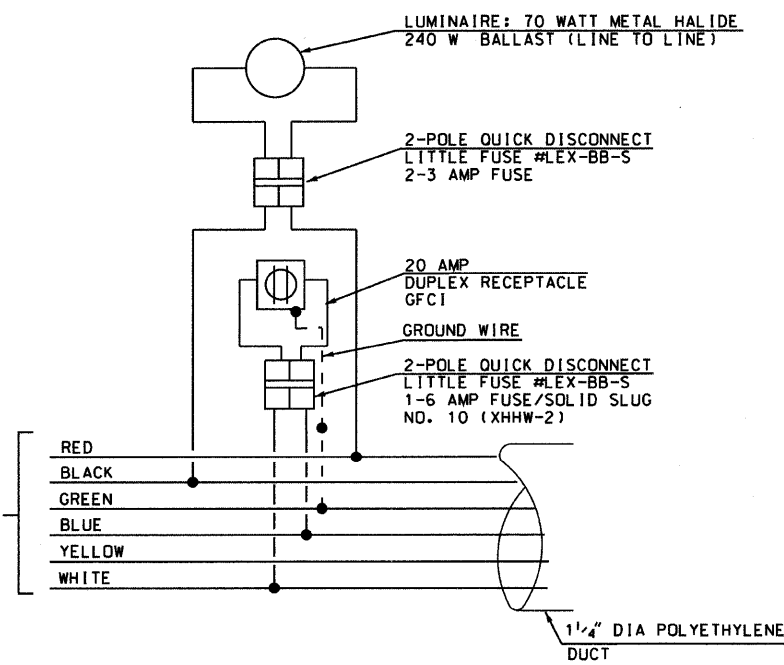
CIRCUIT LOAD

LIGHTING PANEL - 240 V			FESTOON PANEL - 120 V				
CIRCUIT	AMPERE	WATTS	CIRCUIT	AMPERE	WATTS	AMPERE	WATTS
A	6.60	1,425	F1 (Y)	24	2,880		
			F2 (BL)			21	2,520
B	6.16	1,330	F3 (Y)	21	2,520		
			F4 (BL)			21	2,520
C	3.52	760	F5 (Y)	12	1,440		
			F6 (BL)			12	1,440
TOTAL	16.28	3,515	TOTAL	57	6,840	54	6,480

BALLAST, 60 HZ-HX-HPF., MULTI-TAP, +/- 5% VOLTAGE DROP
0.40 AMP @ 240 VOLT, M.H. LAMP
70W. CLEAR M.H. LAMP, 6,300 LUMEN.

SINGLE LINE LEGEND

- LUMINAIRE, 70W MH LAMP
- FESTOON OUTLET
- 2 POLE DISCONNECT WITH FUSE
2-3 AMPERE FUSE, 70 W MH LAMP
1-6 AMPERE FUSE/SOLID SLUG, FESTOON OUTLET
- LIGHTING CONTROL CABINET
200 AMPERE, 120/240 VOLT, 1 PHASE, 3 WIRE
- POLYETHYLENE DUCT WITH CIRCUIT CABLE
- EXISTING LIGHT POLE MAINTAINED BY THE CITY OF BRAIDWOOD, 47.5' MH, 12' MA, 310 W. HPS LAMP



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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CITY OF BRAIDWOOD, WILL COUNTY
ILLINOIS ROUTE 113 (MAIN STREET)
ORNAMENTAL LIGHTING IMPROVEMENT

ONE LINE CIRCUIT DIAGRAM

SCALE-NTS
DATE: 10-15-09

DRAWN BY HKQ
CHECKED BY JS

REVISED 11-22-09