



**LOAD TABULATION AND VOLTAGE DROP FOR LIGHTING CONTROLLER "N"**

CIRCUIT	VOLT AMPS	AMPS	HIGHEST VOLTAGE DROP ON CIRCUIT
E LTG	2700	11.25 (@ 240V)	0.9% (E6)
F LTG	3600	15 (@ 240V)	0.76% (F6)
G RECEPTS	1080	9 (@ 120V)	2.5% (F1)
H RECEPTS	1080	9 (@ 120V)	2.8% (F6)
<b>TOTAL</b>	<b>8460</b>	<b>44.25</b>	

**ELECTRICAL SYMBOL LEGEND**

- LIGHTING FIXTURE, SINGLE ARRANGEMENT  
400W METAL HALIDE, 240V, 1 PHASE, 2 WIRE  
POLE MOUNTED LUMINAIRE
- LIGHTING FIXTURE, DUAL ARRANGEMENT  
400W METAL HALIDE, 240V, 1 PHASE, 2 WIRE  
POLE MOUNTED LUMINAIRE
- #8 AWG CONDUCTORS & #8 AWG GROUND  
600V. (XLP-TYPE USE)  
IN 2" RIGID GALVANIZED STEEL CONDUIT
- GROUND
- NEUTRAL
- PHASE
- CIRCUITING DESIGNATION SCHEME  
3 - DENOTES FIXTURE NO. ON GIVEN CIRCUIT  
A - DENOTES CIRCUIT LABEL  
N - DENOTES LIGHTING CONTROLLER
- LIGHTING CONTROL CABINET
- DUPLEX GFI RECEPTACLE, 120V, WEATHERPROOF,  
INSTALL ABOVE TOP BANNER ARM.
- (K) - DENOTES RECEPTACLE CIRCUIT
- SERVICE CONNECTION, GROUND MOUNT

**1 WIRING DIAGRAM - CONTROLLER 'N'**  
NO SCALE