



#### NOTES:

- (1) THE MAXIMUM LENGTH OF A LOCAL DATALINE FROM EACH LI PANEL WITH AN AUTOMATION CARD IS (1500ft) USING FREE TOPOLOGY WITHOUT A REPEATER AND (8000ft) USING LINEAR TOPOLOGY.
- (2) MAXIMUM 1000 FEET WITH #20 AWG WIRE. ADDITIONAL SWITCHES CONTROLLING THE SAME ZONE CAN BE CONNECTED IN THE FIELD OR AT THE RELAY PANEL TERMINALS.
- (3) THE GLOBAL DATALINE IS A 2/#18 TWISTED, SHIELDED DATALINE (HDLW2(P)) THAT SHOULD ONLY BE SPLICED IN THE LIGHTING CONTROL PANELS. THE DATALINE MAY BE SPLICED TO FORM A STAR OR FREE TOPOLOGY. 1500 FT MAX. TOTAL CONNECTED DATALINE LENGTH BETWEEN PANELS WITH A FREE TOPOLOGY SYSTEM. DO NOT GROUND THE SHIELD.

B.O.M. FOR PANEL #x:

(1) - LI24S-24GAC

**Watt Stopper/Legrand**  
800-879-8585

Title **Typical 24-relay Capacity  
Lighting Integrator Panel  
Communication Level**

Scale None	Drawing# 60-953	Date 01/26/06	Rev. 1
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