

# Panels-Misc-Notes.slb

<b>120V, 1ph-2w N/E</b> <small>120V, 1 Phase 2 Wire Normal/Emergency Feed Load Input Power</small>	<b>220-240V, 1ph-2w N/E</b> <small>220-240V, 1 Phase 2 Wire Normal/Emergency Feed Load Input Power</small>	<b>230V, 1ph-2w N/E</b> <small>230V, 1 Phase 2 Wire Normal/Emergency Feed Load Input Power</small>
<b>120V, 1ph-2w Normal</b> <small>120V, 1 Phase 2 Wire Normal Feed Load Input Power</small>	<b>220-240V, 1ph-2w Normal</b> <small>220-240V, 1 Phase 2 Wire Normal Feed Load Input Power</small>	<b>230V, 1ph-2w Normal</b> <small>230V, 1 Phase 2 Wire Normal Feed Load Input Power</small>
<b>120V, 1ph-3w N/E</b> <small>120V, 1 Phase 3 Wire Normal/Emergency Feed Load Input Power</small>	<b>220-240V, 1ph-3w N/E</b> <small>220-240V, 1 Phase 3 Wire Normal/Emergency Feed Load Input Power</small>	<b>230V, 1ph-3w N/E</b> <small>230V, 1 Phase 3 Wire Normal/Emergency Feed Load Input Power</small>
<b>120V, 1ph-3w Normal</b> <small>120V, 1 Phase 3 Wire Normal Feed Load Input Power</small>	<b>220-240V, 1ph-3w Normal</b> <small>220-240V, 1 Phase 3 Wire Normal Feed Load Input Power</small>	<b>230V, 1ph-3w Normal</b> <small>230V, 1 Phase 3 Wire Normal Feed Load Input Power</small>
<b>120V, 3ph-4w N/E</b> <small>120V, 3 Phase 4 Wire Normal/Emergency Feed Load Input Power</small>	<b>220-240V, 3ph-4w N/E</b> <small>220-240V, 3 Phase 4 Wire Normal/Emergency Feed Load Input Power</small>	<b>230V, 3ph-4w N/E</b> <small>230V, 3 Phase 4 Wire Normal/Emergency Feed Load Input Power</small>
<b>120V, 3ph-4w Normal</b> <small>120V, 3 Phase 4 Wire Normal Feed Load Input Power</small>	<b>220-240V, 3ph-4w Normal</b> <small>220-240V, 3 Phase 4 Wire Normal Feed Load Input Power</small>	<b>230V, 3ph-4w Normal</b> <small>230V, 3 Phase 4 Wire Normal Feed Load Input Power</small>
<b>120V, N/E Feed-Thru</b> <small>120V, Normal/Emergency Feed-Through Circuits (Typical of X Circuits)</small>	<b>220-240V, N/E Feed-Thru</b> <small>220-240V, Normal/Emergency Feed-Through Circuits (Typical of X Circuits)</small>	<b>230V, N/E Feed-Thru</b> <small>230V, Normal/Emergency Feed-Through Circuits (Typical of X Circuits)</small>
<b>120V, Normal Feed-Thru</b> <small>120V, Normal Feed-Through Circuits (Typical of X Circuits)</small>	<b>220-240V, Normal Feed-Thru</b> <small>220-240V, Normal Feed-Through Circuits (Typical of X Circuits)</small>	<b>230V, Normal Feed-Thru</b> <small>230V, Normal Feed-Through Circuits (Typical of X Circuits)</small>
<b>277V, 3ph-4w N/E</b> <small>277V, 3 Phase 4 Wire Normal/Emergency Feed Load Input Power</small>		
<b>277V, 3ph-4w Normal</b> <small>277V, 3 Phase 4 Wire Normal Feed Load Input Power</small>		
<b>277V, N/E Feed-Thru</b> <small>277V, Normal/Emergency Feed-Through Circuits (Typical of X Circuits)</small>		
<b>277V, Normal Feed-Thru</b> <small>277V, Normal Feed-Through Circuits (Typical of X Circuits)</small>		

**LP 1-3**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X LP Dimmer Panel X  
Dimensions: 24"(H) x 15"(W) x 4"(D)

**GP 3-4**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X GP Dimmer Panel X  
Dimensions: 18"(H) x 11"(W) x 6"(D)

**GP 36 & GP 24-277**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X GP Dimmer Panel X  
Dimensions: 87"(H) x 26"(W) x 14"(D)

**GP 48-72**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X GP Dimmer Panel X  
Dimensions: 87"(H) x 53"(W) x 14"(D)

**GP 8-24**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X GP Dimmer Panel X  
Dimensions: 37"(H) x 28"(W) x 12"(D)

**LCP**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X LCP Dimmer Panel X  
Dimensions: 59"(H) x 15"(W) x 4"(D)

**LCP128-SPEC GRADE**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X LCP128 Dimmer Panel X  
Dimensions: 37"(H) x 28"(W) x 12"(D)

**LCP-MINI**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X LCP Dimmer Panel X  
Dimensions: 25"(H) x 16"(W) x 4"(D)

**LDC-10x4**  
10amp CHOKE PANEL  
Dimensions: 18"(H) x 11"(W) x 6"(D)

**LDC-16x4**  
16amp CHOKE PANEL  
Dimensions: 18"(H) x 11"(W) x 6"(D)

**LP**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X LP Dimmer Panel X  
Dimensions: 59"(H) x 15"(W) x 4"(D)

**XP-FTML**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X XP SoftSwitch Panel X  
Standard Dimensions: 59"(H) x 16"(W) x 4"(D)

**XP-FTML-MINI**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X XP SoftSwitch Panel X  
Dimensions: 25"(H) x 16"(W) x 4"(D)

**XP-4-28 120V BKRS**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X XP SoftSwitch Panel X  
Standard Dimensions: 59"(H) x 16"(W) x 4"(D)

**XP-32-42 120V,4-28 277V BKRS**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X XP SoftSwitch Panel X  
Dimensions: 63"(H) x 24"(W) x 6"(D)

**XP-32-42 277V BKRS**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X XP SoftSwitch Panel X  
Extra Large Dimensions: 83"(H) x 24"(W) x 6"(D)

**XPS-8-28 120V BKRS**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X XPS SoftSwitch Panel X  
Standard Dimensions: 59"(H) x 16"(W) x 4"(D)

**XPS-FT**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X XPS SoftSwitch Panel X  
Dimensions: 59"(H) x 16"(W) x 4"(D)

**XPS-FT-MINI**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X XPS SoftSwitch Panel X  
Dimensions: 25"(H) x 16"(W) x 4"(D)

**XPS-32-42 120V,8-28 277V**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X XPS SoftSwitch Panel X  
Large Dimensions: 63"(H) x 24"(W) x 6"(D)

**XPS-32-42 277V BKRS**  
Refer to Load Schedule Sheet for Feeder Information  
Panel X XPS SoftSwitch Panel X  
Extra Large Dimensions: 83"(H) x 24"(W) x 6"(D)

**XPS-128 EXPANSION**  
SoftSwitch 128 Expansion Module  
XPS-E-120/277-FT  
Dimensions: 18"(H) x 11"(W) x 4"(D)

**XPS-A-BAC**  
2 #12AWG 120V Input Feed  
To OMX-CI-RS232 To BACnet RJ45 Category 5 Cable  
XPS-A-BAC-ET-120 or XPS-A-BAC-IP-120 BACnet Interface  
Dimensions: 12.5"(H) x 6.10"(W) x 3.30"(D)

**XPS-A-LON**  
2 #12AWG 120V Input Feed  
To OMX-CI-RS232 To LonWorks System Fieldbus 2-wire FT-10 Protocol  
XPS-A-LON-FT-120 LonWorks Interface  
Dimensions: 12.5"(H) x 6.10"(W) x 3.30"(D)

**EngravingSheet\_LargeText**  
A B C D E F G H I J

**EngravingSheet\_SmallText**  
A B C D E F G H I J K L M N O P Q R

**LSC-DAY-ADDL-CS**  
LSC-DAY-ADDL-CS (1) additional day(s) of onsite time during normal business hours performed by a Lutron Service Company Representative. This time may be used for additional commissioning, testing, programming and start/finish.

**LUT-ELI-3PH**  
To Normal 3phase 4wire Distribution Panel  
Control Feed Refer to Control Ckt. Note  
LUT-ELI-3PH Emergency Lighting Interface  
Dimensions: 7.75"(H) x 4"(W) x 2.5"(D)

**LUTRON LOGO**  
LUTRON  
Lutron Electronics Co., Inc.  
7200 Suter Road | Coopersburg, PA 18036 USA  
(610) 282-3800 | fax: (610) 282-1146

**NOTE-CONTRACTOR**  
NOTE: CONTRACTOR SHALL COORDINATE ENTIRE LUTRON DIMMING SYSTEM WITH LUTRON REPRESENTATIVE AGENCY PRIOR TO PERFORMING ANY ROUGH-IN OF ANY COMPONENTS. CONTRACTORS WHO FAIL TO COORDINATE SHALL ASSUME RESPONSIBILITY FOR ANY CHANGES, AND ALL CHANGE ORDERS.

**NOTE-DAISY CHAIN**  
\*\*NOTE TO CONTRACTORS\*\*  
WALLSTATIONS AND POWER PANELS DO NOT HAVE TO BE WIRED IN THE ORDER SHOWN AS LONG AS THE DAISY CHAIN WIRING LINK IS MAINTAINED.

**NOTE-DAISY CHAIN-QS**  
\*\*NOTE TO CONTRACTORS\*\*  
THE QS CONTROL LINK HAS A FREE WIRING TOPOLOGY (DAISY CHAIN, T-TAP, ETC.) FOR ILLUSTRATION PURPOSES THE QS CONTROL LINK IS SHOWN WIRED IN THE DAISY CHAIN FASHION.

**NOTE-DUAL LUGS**  
\*\*\* The input feed for this panel is based on maximum load capacity. If a smaller feeder is desired, the contractor is responsible to size service feed conductors and overcurrent protection according to actual connected load. This panel is also provided with a dual primary input lug set for tapping of single normal feeder to dimmer panels XXXX and XXXX.

**NOTE-GRX 2-LINK**  
\*\*IMPORTANT NOTE!!\*\*  
THIS PROJECT CONTAINS A TWO LINK GRAFX EYE SYSTEM. THE TWO LINKS ARE ISOLATED FROM EACH OTHER. WALLSTATIONS ON LINK A DO NOT COMMUNICATE WITH WALLSTATIONS ON LINK B.

**GFCI NOTE**  
GFCI BREAKER NOTE  
-GFCI load circuits must be run in non-metallic conduit  
-Each load circuit must be run in its own individual raceway  
-Branch circuit runs must not exceed 100 feet total length  
-Fluorescent loads may not be connected to GFCI breakers

**Control Circuit Note**  
Control Circuit Note:  
• Supplies power for internal operation.  
• Lutron recommends a dedicated 120V or 277V, 20A 1 phase 2 wire feed to power the control circuit in the panel.  
• If the control circuit is tapped from a circuit that powers a relay in the panel, it draws a maximum of 1.5A toward the total load for that circuit.

**NOTE-NEXT PAGE**  
Wallstation/Control Link To Address X refer to Sheet X

**NOTE-NO LOAD INFO**  
LOAD SCHEDULE INFORMATION WAS NOT SUPPLIED TO LUTRON AT TIME OF SUBMITAL

**Title Block**

<b>Project Name</b> Location	
<b>ONLINE DIAGRAM</b> Sheet Name/Type	
Project Number:	X
Drawn By:	X
Drawing Revision:	X
Drawing Date:	X
Sheet:	X



**WIRING NOTE-RS232**  
\*RS232 Wiring Note:  
Connect AV system and RS232 interface through provided 5 foot cable and DB9 connector or Belden 9461 Cable (1 Twisted Pair + Common) or equivalent. 50 foot maximum length.