

OMX-4600 Control Unit

Cover (shown open)



Description

- Used with GRAFIK 5000/6000/7000 Centralized Lighting Control Systems.
- Supplies dimming for up to 24 zones of lighting¹.
- Provides pushbutton recall of four preset lighting scenes, plus Off.
- Controls virtually any light source via dimming and switching panels.
- Provides lockout options to prevent accidental changes.
- Includes built-in infrared receiver for operation with an optional remote control.

Models available to:

- Control two to 24 zones of lighting¹.

¹ OMX-4600 Control Unit zones count towards the maximum number of zones allowed in GRAFIK 5000/6000/7000 Systems.

Job Name:

Model Numbers:

Job Number:

Specifications

Power

- Low-voltage type Class 2 (PELV)
Operating voltage: 32 V $\overline{=}$ Direct Current.

Lighting Sources/Load Types

Controls lighting sources with a smooth, continuous Square Law dimming curve or on a full conduction non-dim basis via GP and LP Dimming Panels and XP Softswitch™ Panels.

Preset Control

- 4 preset lighting scenes and off are accessible from the Control Unit front panel.
- Additional scenes are stored in Processor Panel. These scenes are accessible via Wallstations, Control Interfaces, and/or PC.
- Light levels fade smoothly between scenes. Fade time can be set differently for each scene, between 0-59 sec. or 1-60 min. Fade time from Off is capped at 5 sec. Fade time can be set differently for each zone through the Processor.

Key Design Features

- Meets IEC 801-2. Tested to withstand 15kV electrostatic discharge without damage or memory loss.
- Power failure memory automatically restores lighting to the scene selected prior to power interruption.
- Faceplate snaps on with no visible means of attachment.

System Communications and Capacities

- Low-voltage type Class 2 (PELV) wiring connects Control Units to other system components.
- The OMX-4600 Control Unit counts as one of 32 maximum Wallstations and/or Control Interfaces allowed on a Class 2 (PELV) Control Station Device Link.

Environment

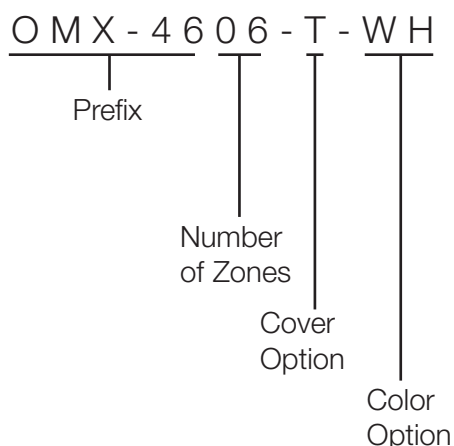
- 32-104°F (0-40°C). Relative humidity less than 90% non-condensing.

Job Name:

Model Numbers:

Job Number:

How to Build a Model Number



Prefix:

OMX for Control Units used with GRAFIK 5000/6000/7000 systems.

Number of Zones:

2, 3, 4, 6, 8, 16, or 24

Cover Option:

A for Opaque

T for Translucent Black

Color Option:

See Color Options list

Cover Options

Opaque A
Cover and Base will match.

Translucent Black T
Black Cover and choice of Base color.

Also available:

- Custom controls
- Color matching
- Engraving

These options ship in 4 to 6 weeks.

Color Options

Architectural Matte Finishes

Standard – Ship in 48 hours

Cover Option: A or T

White	WH
Ivory	IV
Beige	BE
Gray	GR
Brown	BR
Black	BL

Designer Gloss Finishes

Ship in 4 to 6 weeks

Cover Option: A only

White	GWH
Ivory	GIV
Light Almond	GLA
Almond	GAL

Satin Color Matte Finishes

Cover Option: A or T

Hot	HT
Ochre	OC
Terracotta	TC
Desert Stone	DS
Stone	ST
Limestone	LS
Blue Mist	BT
Midnight	MN
Taupe	TP
Biscuit	BI
Eggshell	ES
Snow	SW

Architectural Metal Finishes

Cover Option: T only

Bright Brass	BB
Bright Chrome	BC
Bright Nickel	BN
Satin Brass	SB
Satin Chrome	SC
Satin Nickel	SN
Antique Brass	QB
Antique Bronze	QZ

Anodized Aluminum Finishes

Cover Option: T only

Clear	CLA
Black	BLA
Brass	BRA
Bronze	BZA

Model Numbers








Number of Zones	Standard Setup
2	OMX-4602-__
3	OMX-4603-__
4	OMX-4604-__
6	OMX-4606-__
8	OMX-4608-__
16	OMX-4616-__
24	OMX-4624-__

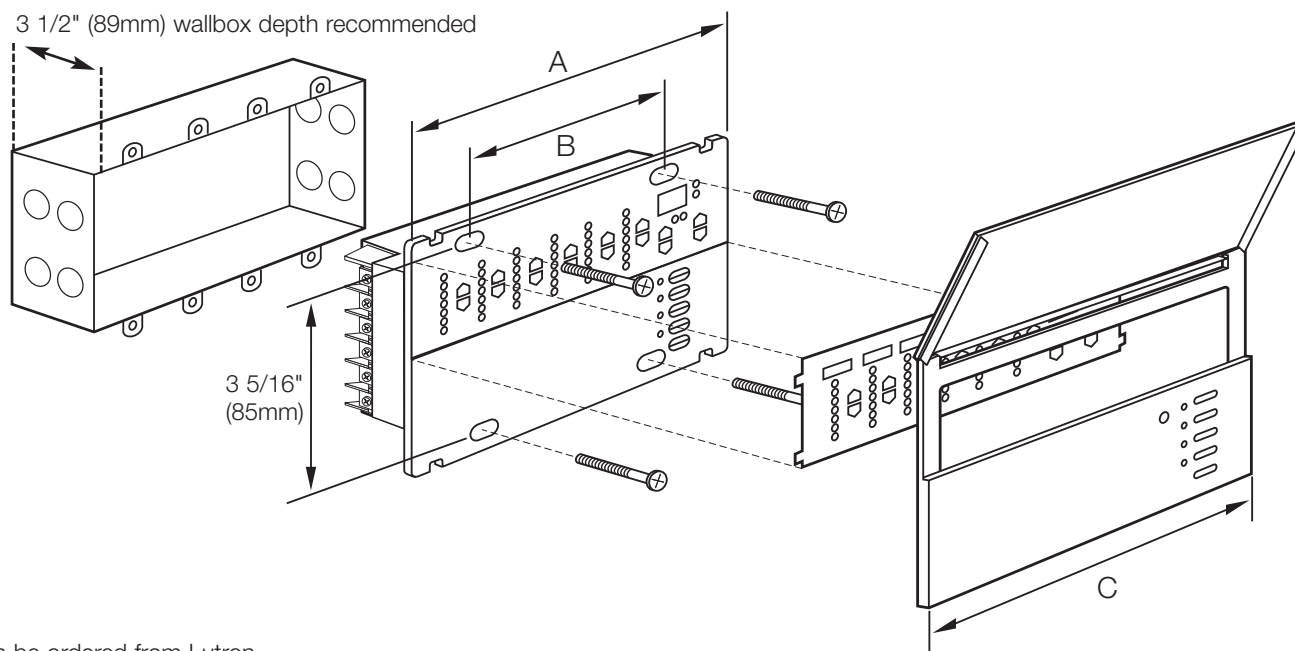
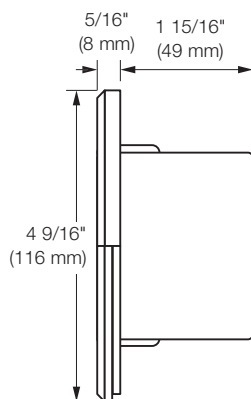
Job Name:

Model Numbers:

Job Number:

Dimensions and Mounting

Model	Side View	A	B	C	Wallbox ¹ U.S. Size	Depth
2-Zone: OMX-4602		4 5/16" (123mm)	1 13/16" (46mm)	5.56" (141mm)	2 Gang	3.5" (89mm)
3-Zone: OMX-4603		6 11/16" (168mm)	3 5/8" (92mm)	7.25" (184mm)	3 Gang	3.5" (89mm)
4-Zone: OMX-4604		8 5/16" (208mm)	5 7/16" (138mm)	8.94" (227mm)	4 Gang	3.5" (89mm)
6-Zone: OMX-4606		8 5/16" (208mm)	5 7/16" (138mm)	8.94" (227mm)	4 Gang	3.5" (89mm)
8-Zone: OMX-4608		8 5/16" (208mm)	5 7/16" (138mm)	8.94" (227mm)	4 Gang	3.5" (89mm)
16-Zone: OMX-4616		8 5/16" (208mm)	5 7/16" (138mm)	8.94" (227mm)	4 Gang	3.5" (89mm)
24-Zone: OMX-4624		8 5/16" (208mm)	5 7/16" (138mm)	8.94" (227mm)	4 Gang	3.5" (89mm)



¹ Can be ordered from Lutron.

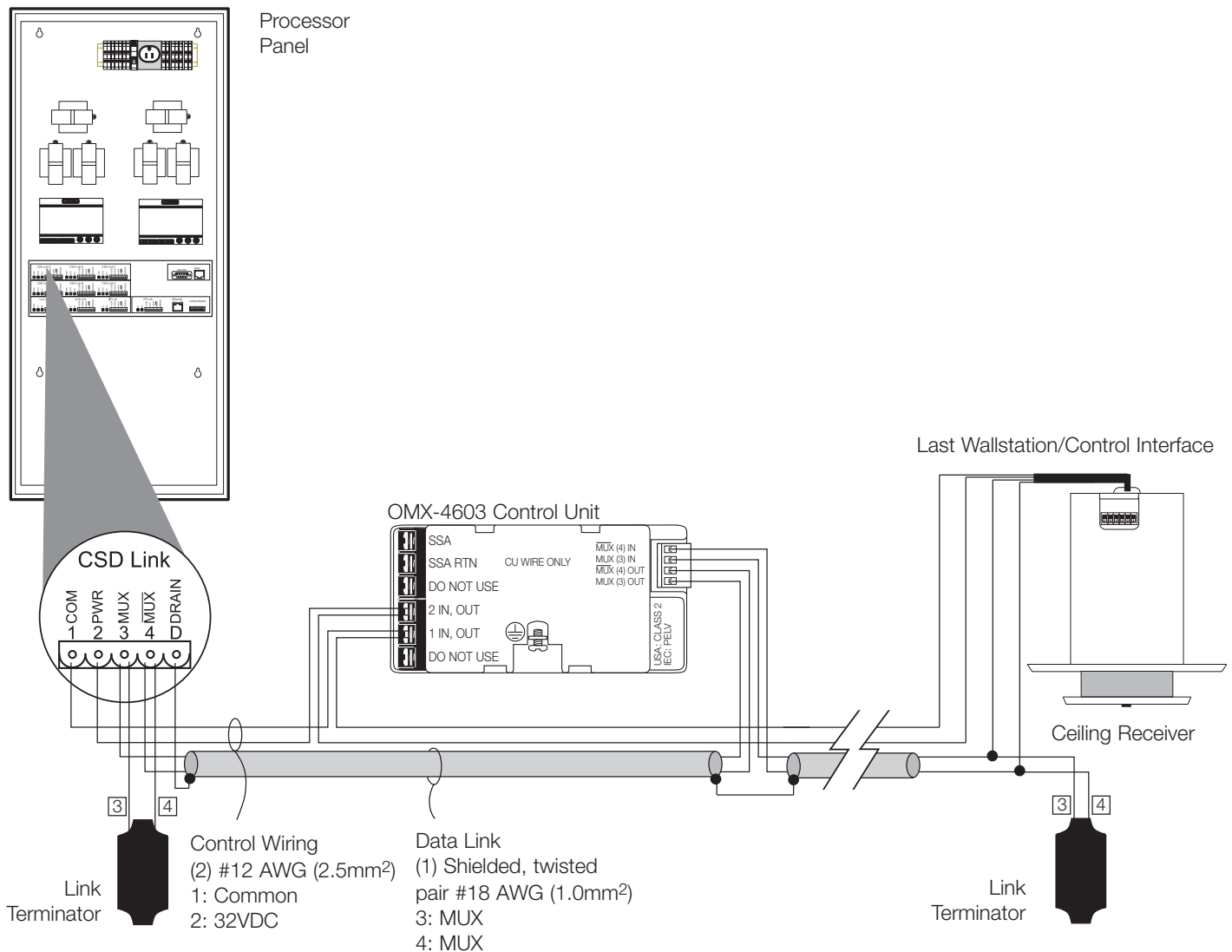
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Low-Voltage Class 2 (PELV) Wiring

- All wiring must be daisy-chained.
- Make connections in the Control Unit's wallbox or in a switch/junction box with a maximum wire length of 8 feet (2.5m) from the link to the Control Unit.
- Keep Shield/Drain continuous but do not ground. Connect the bare drain wires and cut off the outside shield. Do not connect to Ground (Earth) or Wallstations/Control Interfaces.
- Begin and end the wiring link with Link Terminators.



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Model Numbers:

Job Number: