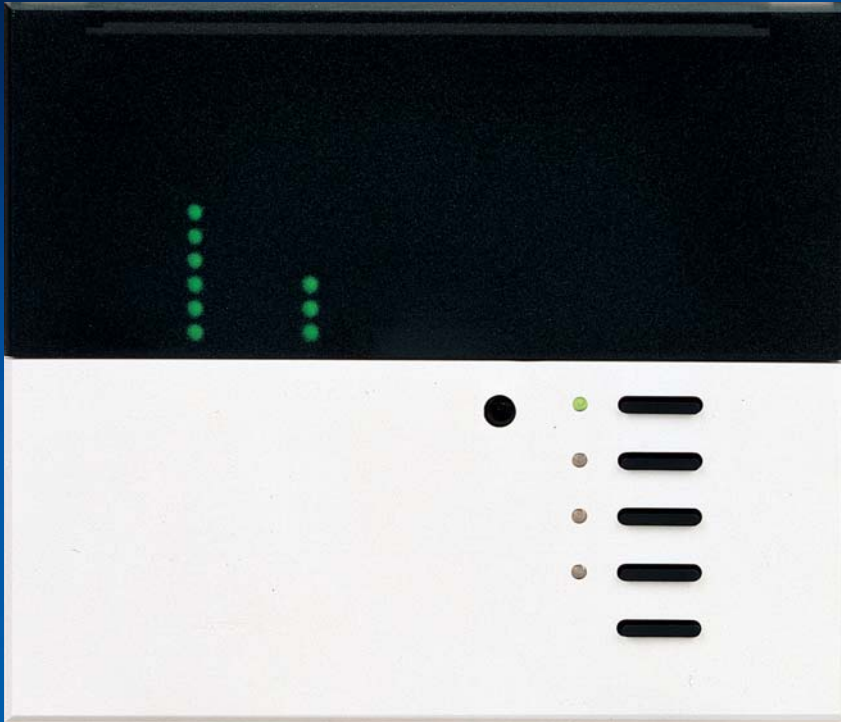


GRAFIK Eye® 3000 Series

The World's Finest Multi-Scene
Preset Lighting Control

NETWORKABLE UNITS WITH ADVANCED FEATURES



Shown:
GRAFIK Eye 3000 Series 2-zone control unit with translucent black cover (T) and white base (WH) in a matte finish.

Product Family Features

- Control every light in the room with a single touch
- Programmable fade times provide smooth transitions between lighting scenes
- Easy integration with controllable window treatments and projection screens
- Offers multi-location control in many elegant wallstation styles
- Integration to other systems through contact closures or RS-232 interfaces

Specification Features

- Square law dimming
- Lutron's patented RTISS™ circuitry maintains constant light levels under changing power line conditions
- Lightning strike surge protection to 6000V, 3000A
- Positive air-gap off
- Power failure memory
- Electrostatic discharge protection

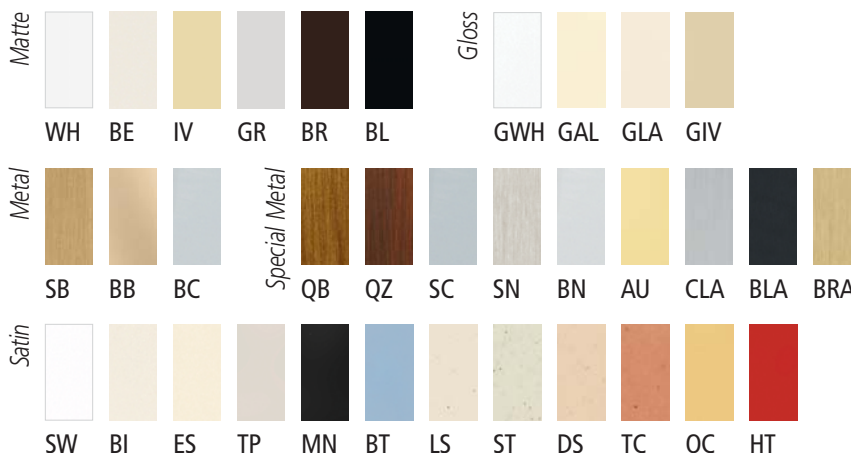
System Features

- Up to 8 main units (for a maximum of 48 lighting zones)
- Up to 16 wallstations/control interfaces (for a total of 24 points of control)

Integration

- Easy integration with Sivoia QED™ shades and draperies, see pg.180 for more information

Color Palette (For latest color information, visit www.lutron.com)







Wiring Type Key




- TYPE A 12 AWG (120V)
- TYPE B Class 2 PELV wires

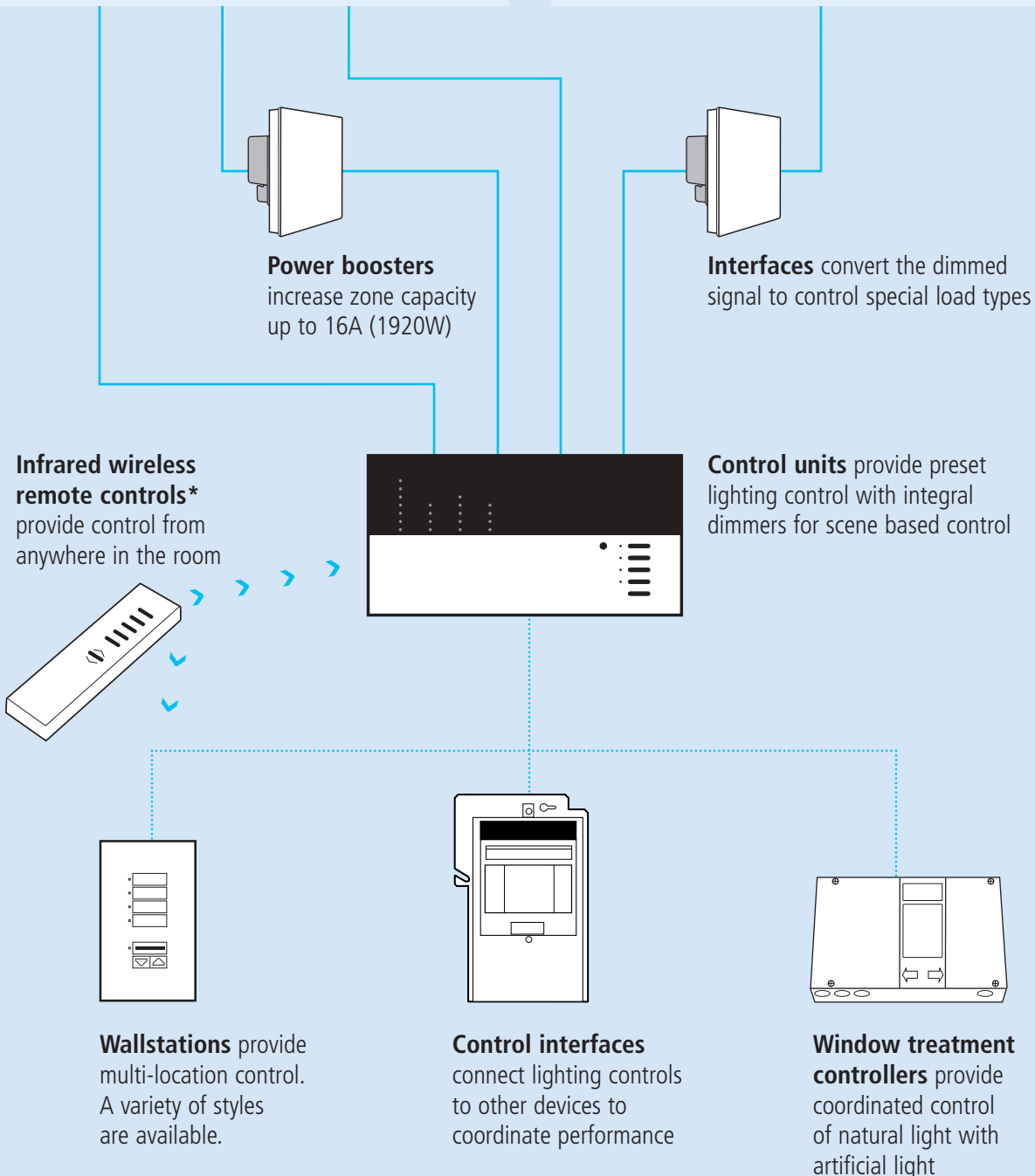
System Operation

Sources Controlled Directly:

- | | | |
|--|---|---|
|  Incandescent |  | Fluorescent |
|  Magnetic Low Voltage | | <i>Tu-Wire® fluorescent dimming ballasts only, pg.183</i> |
|  Neon/Cold Cathode | <i>non-dim</i> | All popular sources |

Sources Requiring an Interface:

- | | | |
|---|---|---|
|  Electronic Low Voltage
<i>ELVI, pg.189</i> |  | 3-Wire Fluorescent
<i>FDBI, pg.189</i> |
| |  | 0-10V Fluorescent |



Power boosters increase zone capacity up to 16A (1920W)

Interfaces convert the dimmed signal to control special load types

Infrared wireless remote controls* provide control from anywhere in the room

Control units provide preset lighting control with integral dimmers for scene based control


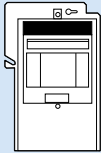
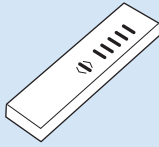
Wallstations provide multi-location control. A variety of styles are available.

Control interfaces connect lighting controls to other devices to coordinate performance

Window treatment controllers provide coordinated control of natural light with artificial light

* Requires line of sight to the control unit

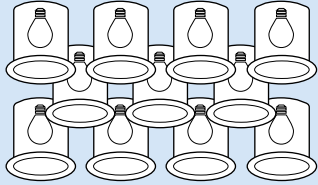
GRAFIK Eye® Design Example

Design Steps	Example
<p>1 Determine the number of zones</p> <p>A zone is defined as a group of lights that are controlled together</p>	<p>There are 3 zones of light in this home theater application:</p> <ul style="list-style-type: none"> Zone 1 general illumination Zone 2 decorative/art lighting via low-voltage accent lights Zone 3 sconces providing a subtle wall wash effect
<p>2 Select control unit</p> <p>Determine the GRAFIK Eye Series best suited to your needs. Select control unit by the number of zones.</p>	<p>For home theater applications, use a 3100 Series for extended fade times between scenes. There are a total of 3 zones in this example. Requiring a GRAFIK Eye with a minimum of 3 zones.</p>
<p>3 Add control from multiple locations as desired</p>	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>Wallstations, pgs.116-131</p> </div> <div style="text-align: center;">  <p>Control Interfaces, pg.132</p> </div> <div style="text-align: center;">  <p>Wireless Infrared Remote Controls, pg.140</p> </div> </div>
<p>4 Determine the load in each zone</p> <p>Record load type(s) and calculate the load capacity for each zone</p>	<ul style="list-style-type: none"> Zone 1 (11) 75W down lights, for a total of 825W Zone 2 (6) 75W electronic low-voltage (ELV) track lights <i>Note:</i> Using the UL efficiency limit of 80%, this is a 563VA load (450W/80% = 563VA) Zone 3 (4) 40W incandescent sconces with total load of 160W
<p>5 Add source or load interfaces as needed</p> <p>Each zone has a maximum capacity of 800W</p> <p>To determine maximum capacity by load, refer to pgs.115, 139</p>	<p>In this example:</p> <ul style="list-style-type: none"> Zone 1 has a total load of 825W (exceeding the maximum 800W per zone capacity), a power booster (NGRX-PB-WH), pg.189, is required to increase the load capacity to 1920W. Zone 2 has an ELV source not directly supported by the GRAFIK Eye, an ELVI-1000 interface, pg.189, is required to increase the load capacity to 1000W. Zone 3 has a load of 160W, which can be handled by the GRAFIK Eye directly.



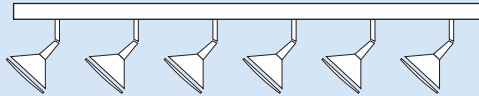
Products Used in This Example

Zone 1



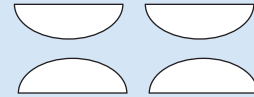
(11) 75W Incandescent Downlights
11 x 75W = 825W

Zone 2



(6) 75W Electronic Low-Voltage Track Lights
6 x 75W = 450W/563VA

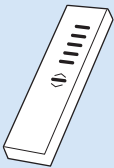
Zone 3



(4) 40W Incandescent Sconces
4 x 40W = 160W

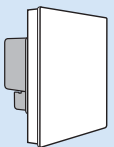


GRX-3103-T-WH
3-Zone GRAFIK Eye
Control Unit

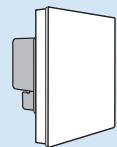


GRX-IT-WH
Infrared Wireless
Remote Control

GRAFIK Eye is compatible with most universal, learning, and programmable remote controls



NGRX-PB-WH
Power Booster



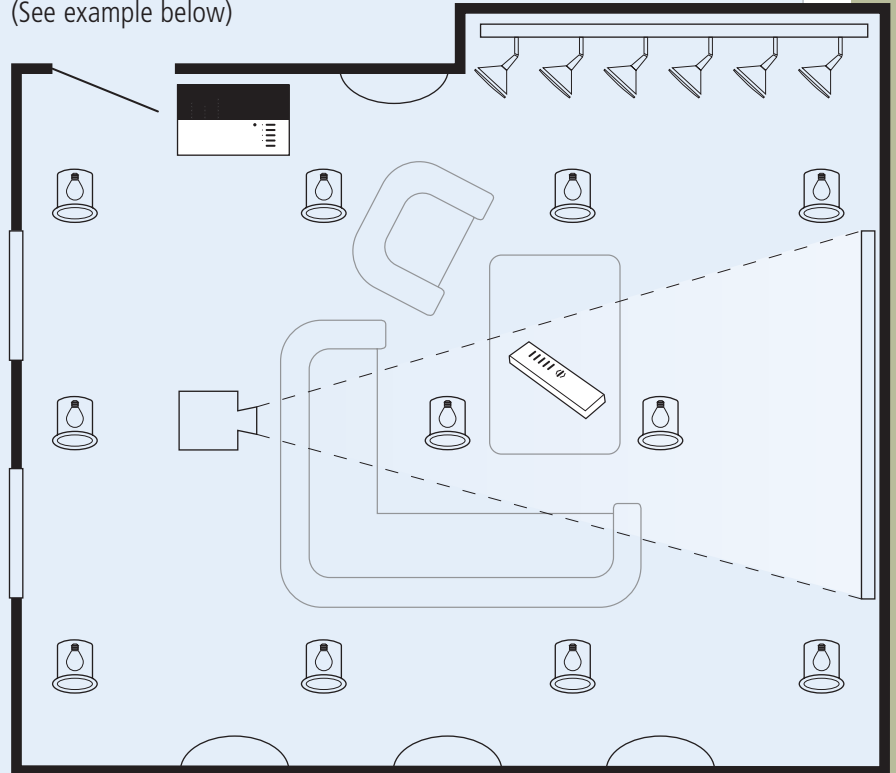
ELVI-1000
Electronic Low-Voltage
Interface

Home Theater Example

What are lighting scenes?

Lighting scenes are predetermined, desirable light levels that create ideal lighting for specific activities, or a relaxing ambiance. GRAFIK Eye® offers lighting scene convenience for the way you use your home theater.

(See example below)



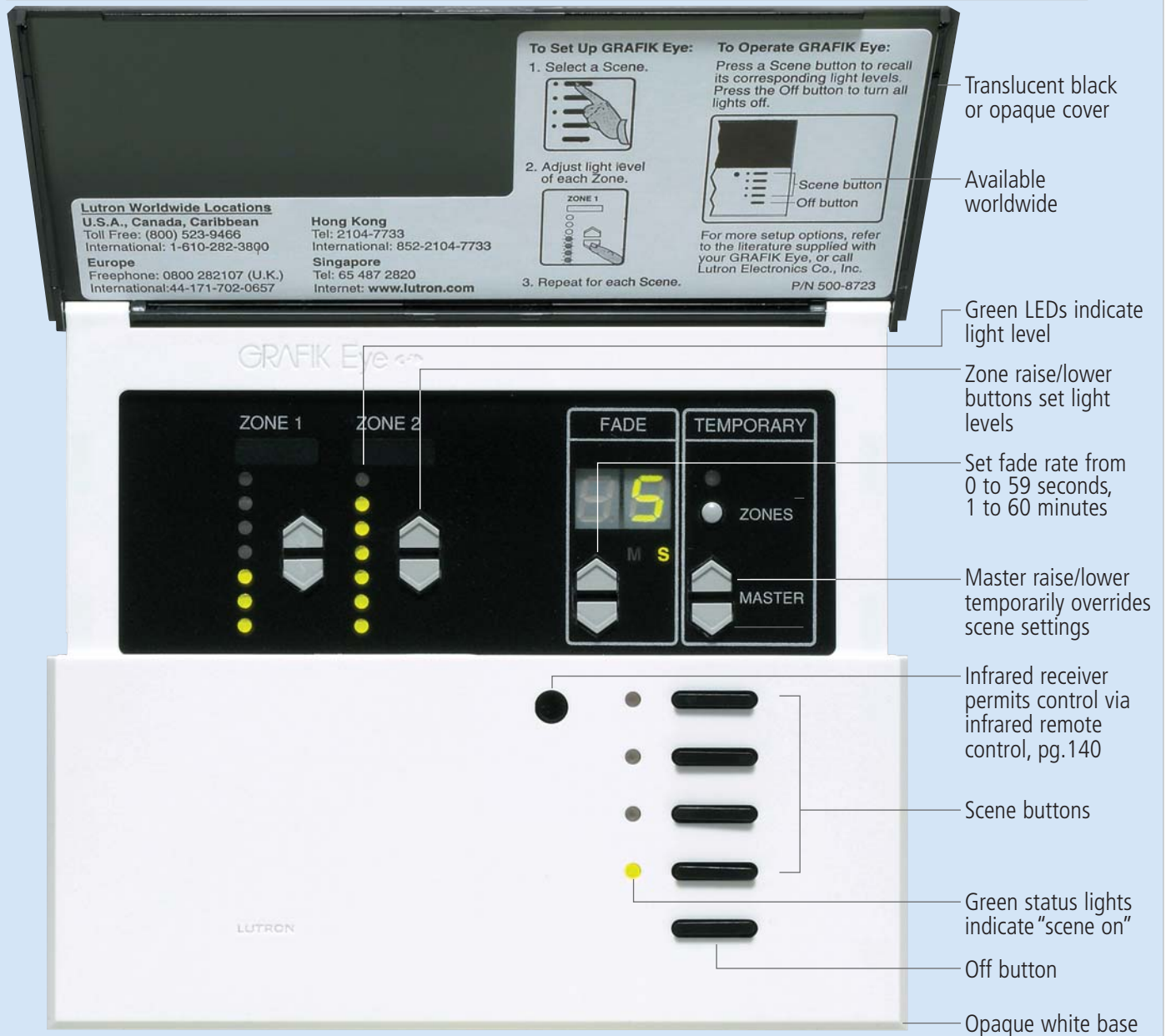
4-Scene Example:

- Scene 1 – Movie
- Scene 2 – TV
- Scene 3 – Intermission
- Scene 4 – Clean Up

Consider engraving the control unit and remote control for added convenience. Contact Lutron Customer Service for more information

GRAFIK Eye® 3000 Series

2-Zone Control Unit (Cover Open, Actual Size)



3100/3500 Series

	3100	3500
Manual Set-up	Yes	Yes
PC Set-up		Yes
Archive System Configuration		Yes
Copy System Configuration		Yes

Liaison™ Software

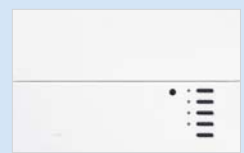


Windows®-based programming utility for 3500 systems and timeclocks

Whole-Home RF Control System



RadioRA® Interface
pg.169



GRAFIK RA™
pg.169

GRAFIK Eye® 3000 Series

Entire-Room Controls

Description	Maximum Capacity	Model #
-------------	------------------	---------

Important Information

Control Units



Incandescent, Magnetic Low Voltage, Neon/Cold Cathode, Fluorescent with Tu-Wire® Dimming Ballast

2-Zone Control Units*

3100	1200W/VA	GRX-3102-	
3500	1200W/VA	GRX-3502-	

Dimensions: W: 5.56" (141mm); H: 4.56" (116mm); D: 2.25" (57mm), depth includes wallplate and backbox. Wallplate depth: 0.35" (9mm). Wallbox size: two-gang, 3.50" (89mm) deep.

3-Zone Control Units*

3100	1500W/VA	GRX-3103-	
3500	1500W/VA	GRX-3503-	

Dimensions: W: 7.25" (184mm); H: 4.56" (116mm); D: 2.25" (57mm), depth includes wallplate and backbox. Wallplate depth: 0.35" (9mm). Wallbox size: three-gang, 3.50" (89mm) deep.

4-Zone Control Units*

3100	2000W/VA	GRX-3104-	
3500	2000W/VA	GRX-3504-	

Dimensions: W: 8.94" (227mm); H: 4.56" (116mm); D: 2.25" (57mm), depth includes wallplate and backbox. Wallplate depth: 0.35" (9mm). Wallbox size: four-gang, 3.50" (89mm) deep.

6-Zone Control Units*

3100	2000W/VA	GRX-3106-	
3500	2000W/VA	GRX-3506-	

Dimensions: W: 8.94" (227mm); H: 4.56" (116mm); D: 2.25" (57mm), depth includes wallplate and backbox. Wallplate depth: 0.35" (9mm). Wallbox size: four-gang, 3.50" (89mm) deep.

* *Products Above:* Single zone capacity is 800W/6.67A per zone. Combined total of all zones should not exceed maximum capacity.

Color Palette

Add color suffix to model #
Examples:
Translucent Cover, Opaque Base:
GRX-3102- T - WH
Opaque Cover, Opaque Base:
GRX-3102- A - WH

Cover Options

A Opaque
(Cover and base will match)
T Translucent Black
(Black cover, choice of base color)

Base Colors

See pg.110 for complete color offering and suffixes.

Matte Finishes ships 48 hrs.
Matte Cover Options: **A** or **T**

Gloss Finishes ships 4-6 wks.
Gloss Cover Option: **A** only

Metal Finishes ships 4-6 wks.
Metal Cover Option: **T** only

Satin Finishes ships 4-6 wks.
Satin Cover Options: **A** or **T**

Accessories

Coordinating matte and metal architectural accessories sold separately, pg.34.

Coordinating gloss and satin designer accessories sold separately, pg.76.

Customization

For color matching, engraving, and silk screening, contact Lutron Customer Service.

Controls are 120V, 60Hz unless noted.

For More Information:

www.lutron.com/grafikeye
Fax-on-Demand 1-800-523-9466

Electronic Low Voltage

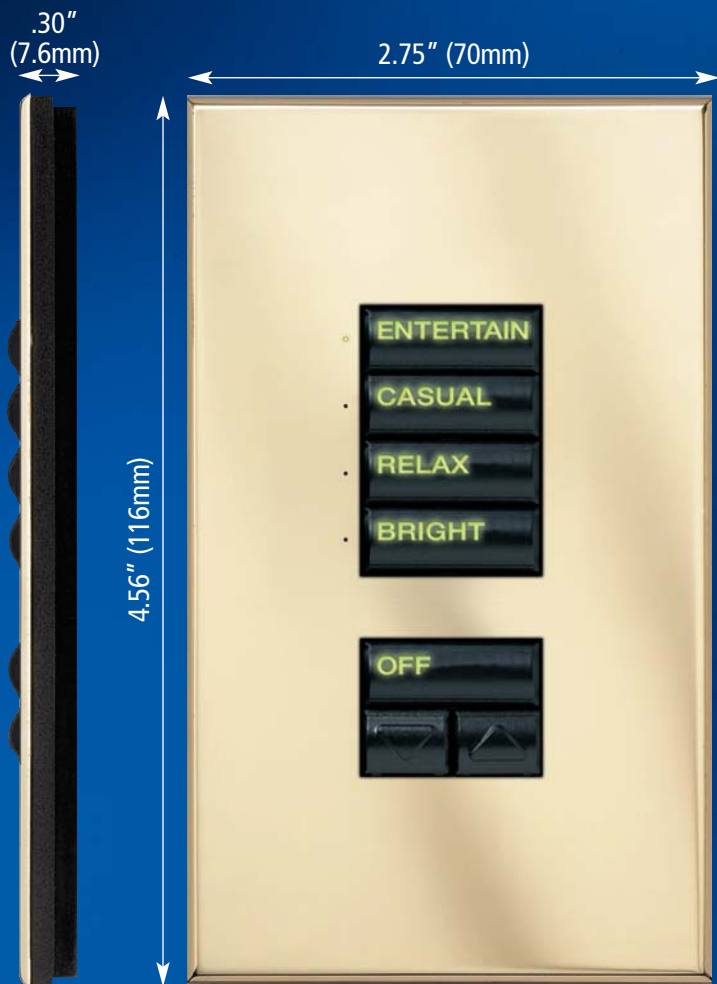
Electronic low-voltage sources require interfaces, see pg.189.

Fluorescent

Lutron Hi-lume® line-voltage control electronic dimming ballasts require interfaces, see pg.189. Please refer to the Lutron Fluorescent Dimming Systems Selection Guide, P/N 366-002, or visit www.lutron.com for more information.

GRAFIK Eye® 3000 Series

seeTouch™ Style Wallstations



Shown actual size:
seeTouch style wallstation with
bright brass (BB) wallplate.

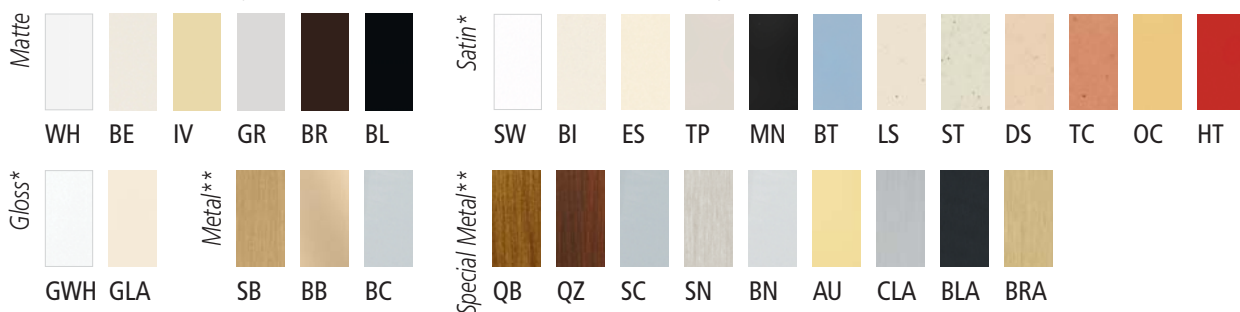
Product Family Features

- Features crisp, modern design with buttons that are friendly and easy to use
- For use with one or more GRAFIK Eye 3000 Series control units; provides additional control points throughout a space
- Backlighting on engraved buttons make them easy to see and read at night
- Backlighting on non-engraved buttons is best visible on lighter colored models
- Controls are available with infrared receiver for control by infrared remote control, pg.140
- Access all 16 preset scenes stored in one or more GRAFIK Eye control units

Layout and Installation

- Wire with low-voltage cable, pg.137
- Power up to three wallstations/control interfaces from a single 3000 Series control unit; for more than three, use a GRX-12VDC, pg.137
- Derating not required when ganged
- Each seeTouch style wallstation counts one toward system maximum 16 wallstations/control interfaces

Color Palette (For latest color information, visit www.lutron.com)

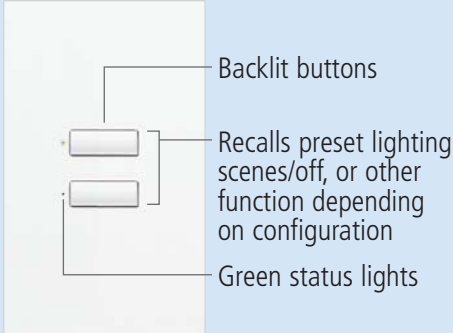


* For insert models only

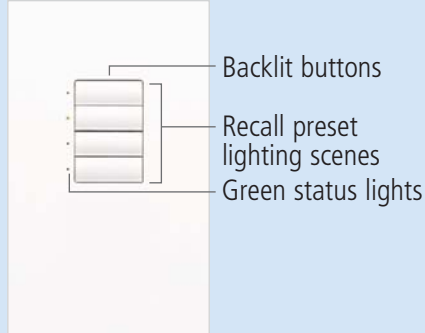
** To order metal and special metal finishes, see pg.46

GRAFIK Eye® 3000 Series

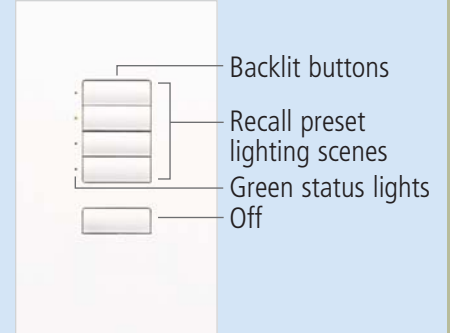
2-Button Wallstation



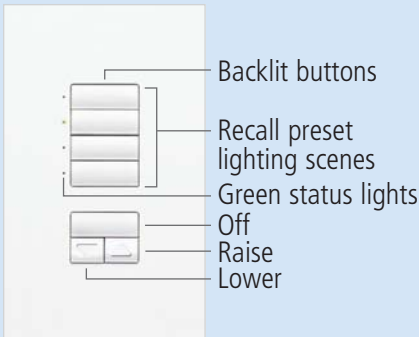
4-Button Wallstation



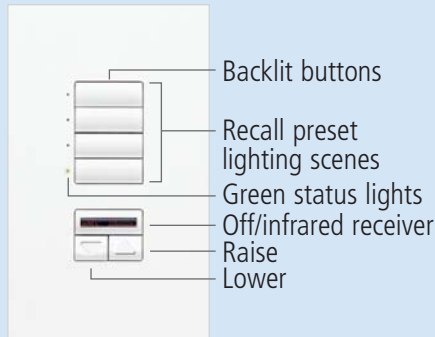
4-Scene Wallstation with Off



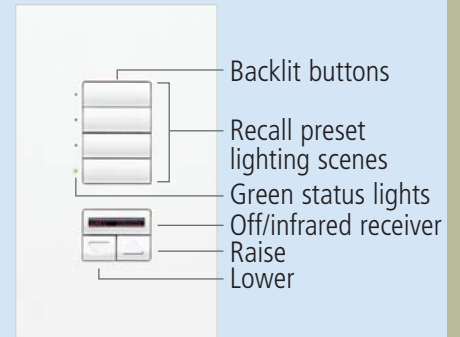
4-Scene Wallstation with Off and Raise/Lower



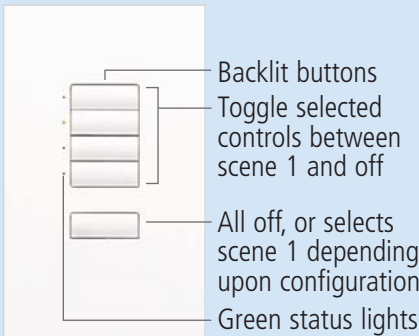
4-Scene Wallstation with Off, Raise/Lower and: IR Receiver



4-Scene Wallstation with Off, Raise/Lower and: IR Receiver Programming



4-Button Master Control Wallstation



Infrared Controls, pg.140

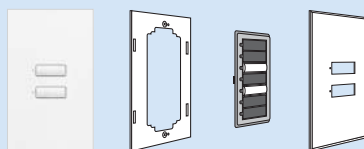


Accessories, pg.34, pg.76 Wallplates, pg.40, pg.76



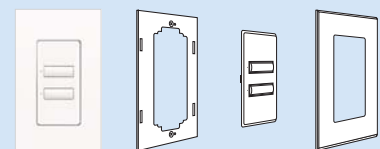
Receptacles, GFCI Receptacles, Isolated Ground Receptacles, Multi-Port Frames, Telephone and Cable Jacks, and 1- to 6-Gang Wallplates

Non-insert models offer a refined look










*Non-Insert Model
SG-2BN-*

Insert models available for multigang installations






*Insert Model
SG-2BI-*

GRAFIK Eye® 3000 Series

	Description	Model #	Important Information																	
	<p>seeTouch™ Style Wallstations</p> <p>2-Button Wallstation</p> <p>2-Button with Backlit Buttons</p> <ul style="list-style-type: none"> • Product Functions (selected in the field): <ul style="list-style-type: none"> - Turns lighting on (Scene 1) and off - Recalls preset light levels for two scenes (9/10 or 13/14) - Single partition status determines which GRAFIK Eye Control Unit(s) operate independently or in combination to reflect status for one moveable wall (two rooms) - Panic (Scene 16, lock out GRAFIK Eye Manual Control) - Sequencing (Selects Scenes 5-16 sequentially) - Individual Zone Raise/Lower - Zone Lockout 	<p>Ships in 48 hrs.</p> <p>Color Palette <i>Matte Finish</i> Add color suffix to model # Example: SG-2BN-WH</p> <table border="0"> <tr> <td>WH White</td> <td>GR Gray</td> </tr> <tr> <td>BE Beige</td> <td>BR Brown</td> </tr> <tr> <td>IV Ivory</td> <td>BL Black</td> </tr> </table> <p><i>Satin Finish (Insert models only)</i> Add color suffix to model # Example: SG-2BI-SW</p> <table border="0"> <tr> <td>SW Snow</td> <td>LS Limestone</td> </tr> <tr> <td>BI Biscuit</td> <td>ST Stone</td> </tr> <tr> <td>ES Eggshell</td> <td>DS Desert Stone</td> </tr> <tr> <td>TP Taupe</td> <td>TC Terracotta</td> </tr> <tr> <td>MN Midnight</td> <td>OC Ochre</td> </tr> <tr> <td>BT Blue Mist</td> <td>HT Hot</td> </tr> </table>	WH White	GR Gray	BE Beige	BR Brown	IV Ivory	BL Black	SW Snow	LS Limestone	BI Biscuit	ST Stone	ES Eggshell	DS Desert Stone	TP Taupe	TC Terracotta	MN Midnight	OC Ochre	BT Blue Mist	HT Hot
WH White	GR Gray																			
BE Beige	BR Brown																			
IV Ivory	BL Black																			
SW Snow	LS Limestone																			
BI Biscuit	ST Stone																			
ES Eggshell	DS Desert Stone																			
TP Taupe	TC Terracotta																			
MN Midnight	OC Ochre																			
BT Blue Mist	HT Hot																			
	<p>4-Button Wallstation</p> <p>4-Scenes with Backlit Buttons</p> <ul style="list-style-type: none"> • Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field) • Can be mounted with other wallstations in multigang faceplate for 8/12/16 scene option 	<p><i>Gloss Finish (Insert models only)</i> Add color suffix to model # Example: SG-2BI-GWH</p> <table border="0"> <tr> <td>GWH White</td> </tr> <tr> <td>GLA Light Almond</td> </tr> </table> <p><i>Colors meet NEMA color standards where standards exist</i></p>	GWH White	GLA Light Almond																
GWH White																				
GLA Light Almond																				
	<p>4-Scene Wallstation with Off</p> <p>4-Scenes with Off and Backlit Buttons</p> <ul style="list-style-type: none"> • Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field) plus off • Can be mounted with 4-scene wallstations in multigang faceplate for 8/12/16 scene option 	<p>Accessories Coordinating architectural accessories sold separately, pg.34.</p> <p>*Insert Models Use insert models with multigang wallplates.</p>																		
	<p>4-Scene Wallstation with Off and Raise/Lower</p> <p>4-Scenes with Off, Raise/Lower and Backlit Buttons</p> <ul style="list-style-type: none"> • Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field) plus off • Fine-tuning of light levels with master raise/lower buttons <p><i>Products Above:</i> Single-gang wallplate included with product. For replacement, metal, and multigang wallplates, contact Lutron Customer Service.</p> <p><i>Dimensions:</i> W: 2.75" (70mm); H: 4.56" (116mm); D: 1.69" (43mm), depth includes wallplate and backbox. Wallplate depth is 0.30" (7.6mm). Wallbox size: single gang</p>	<p>Wallplates For replacement, metal, and multigang wallplates for products with inserts, pg.40.</p> <p>For replacement, metal, and multigang wallplates for products with no inserts, contact Lutron Customer Service.</p> <p>Customization For color matching, engraving, and silk screening, pg.47.</p> <p>Controls are Class2/PELV unless noted.</p> <p>   Global Ordering see pg.229</p> <p>For More Information: www.lutron.com/grafikeye Fax-on-Demand 1-800-523-9466</p>																		

GRAFIK Eye® 3000 Series

	Description	Model #	Important Information																				
	<p>seeTouch™ Style Wallstations</p> <p>4-Scene Wallstation with Off, Raise/Lower, and IR Receiver</p> <p>4-Scenes, Off, Raise/Lower, Infrared Receiver with Backlit Buttons</p> <ul style="list-style-type: none"> Recalls preset light levels for four scenes (1-4, 5-8, 9-12 or 13-16; selected in the field) plus off Wireless infrared remote controls can recall scenes (determined by wallstation field settings), plus off and master raise/lower, pg.140 Fine-tuning of light levels with master raise/lower buttons 	<p>SG-4SIRN- <input type="checkbox"/></p> <p>SG-4SIRI- <input type="checkbox"/> *</p>	<p>Ships in 48 hrs.</p> <p>Color Palette <i>Matte Finish</i></p> <p>Add color suffix to model # Example: SG-4SIRN-WH</p> <table border="0"> <tr> <td>WH White</td> <td>GR Gray</td> </tr> <tr> <td>BE Beige</td> <td>BR Brown</td> </tr> <tr> <td>IV Ivory</td> <td>BL Black</td> </tr> </table> <p><i>Satin Finish (Insert models only)</i></p> <p>Add color suffix to model # Example: SG-4SIRI-SW</p> <table border="0"> <tr> <td>SW Snow</td> <td>LS Limestone</td> </tr> <tr> <td>BI Biscuit</td> <td>ST Stone</td> </tr> <tr> <td>ES Eggshell</td> <td>DS Desert Stone</td> </tr> <tr> <td>TP Taupe</td> <td>TC Terracotta</td> </tr> <tr> <td>MN Midnight</td> <td>OC Ochre</td> </tr> <tr> <td>BT Blue Mist</td> <td>HT Hot</td> </tr> </table> <p><i>Gloss Finish (Insert models only)</i></p> <p>Add color suffix to model # Example: SG-4SIRI-GWH</p> <table border="0"> <tr> <td>GWH White</td> </tr> <tr> <td>GLA Light Almond</td> </tr> </table> <p><i>Colors meet NEMA color standards where standards exist</i></p> <p>Accessories Coordinating architectural accessories sold separately, pg.34.</p> <p>*Insert Models Use insert models with multigang wallplates.</p>	WH White	GR Gray	BE Beige	BR Brown	IV Ivory	BL Black	SW Snow	LS Limestone	BI Biscuit	ST Stone	ES Eggshell	DS Desert Stone	TP Taupe	TC Terracotta	MN Midnight	OC Ochre	BT Blue Mist	HT Hot	GWH White	GLA Light Almond
WH White	GR Gray																						
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GWH White																							
GLA Light Almond																							
	<p>4-Scene Wallstation with Off, Raise/Lower, and IR Receiver Programming</p> <p>4-Scenes, Off, Raise/Lower, Infrared Receiver with Backlit Buttons</p> <ul style="list-style-type: none"> Recalls preset light levels for four scenes (1-4, 5-8, 9-12 or 13-16; selected in the field) plus off Wireless infrared remote control with scene programming: <ul style="list-style-type: none"> Save current scene (3500 Series only) Individual zone or master raise/lower Recall scenes (determined by wallstation field settings), plus off Fine-tuning of light levels with master raise/lower buttons 	<p>SG-PRON- <input type="checkbox"/></p>	<p>Wallplates</p> <p>For replacement, metal, and multigang wallplates for products with inserts, pg.40.</p> <p>For replacement, metal, and multigang wallplates for products with no inserts, contact Lutron Customer Service.</p> <p>Customization For color matching, engraving, and silk screening, pg.47.</p> <p>Controls are Class2/PELV unless noted.</p>																				
	<p>4-Button Master Control Wallstation</p> <p>Master Control with Backlit Buttons</p> <ul style="list-style-type: none"> Each of four buttons toggles individually selected GRAFIK Eye control unit(s) between Scene 1 and off Last button turns selected GRAFIK Eye control unit(s) off (can be changed in the field to turn control unit(s) on) <p><i>Products Above:</i> Single-gang wallplate included with product. For replacement, metal, and multigang wallplates, contact Lutron Customer Service.</p> <p><i>Dimensions:</i> W: 2.75"(70mm); H: 4.56"(116mm); D: 1.69"(43mm), depth includes wallplate and backbox. Wallplate depth is 0.30"(7.6mm). Wallbox size: single gang</p>	<p>SG-4MN- <input type="checkbox"/></p> <p>SG-4MI- <input type="checkbox"/> *</p>	<p>Global Ordering see pg.229</p> <p>For More Information: www.lutron.com/grafikeye Fax-on-Demand 1-800-523-9466</p>																				

GRAFIK Eye® 3000 Series

Architectural Style Wallstations



Shown actual size:
Architectural style wallstation in white (WH).

Product Family Features

- Sleek slim-button wallstations to fit a designer style opening for use in single or multigang applications
- For use with one or more GRAFIK Eye 3000 Series control units; provides additional control points throughout a space
- Controls are available with infrared receiver for control by infrared remote control, pg.140
- Access all 16 preset scenes stored in one or more GRAFIK Eye control units
- Master control wallstation permits control of an entire GRAFIK Eye 3000 system from one location

Layout and Installation

- Wire with low-voltage cable, pg.137
- Power up to three wallstations/control interfaces from a single 3000 Series control unit; for more than three, use a GRX-12VDC, pg.137
- Derating not required when ganged
- Each architectural style wallstation counts one toward system maximum 16 wallstations/control interfaces

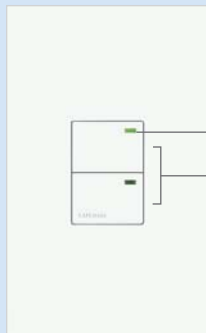
Color Palette *(For latest color information, visit www.lutron.com)*



* To order metal and special metal finishes, see pg.46

GRAFIK Eye® 3000 Series

2-Button Wallstation with Status Light



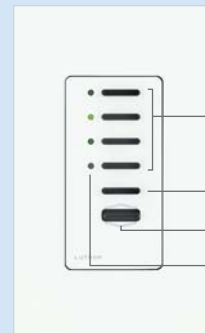
Green status lights
Recalls preset lighting scenes/off, or other function depending on configuration

4-Button Wallstation



Recall preset lighting scenes
Green status lights

4-Scene Wallstation with Off and Raise/Lower



Recall preset lighting scenes
Off
Raise/lower
Green status lights

4-Scene Wallstation with Off and IR Receiver



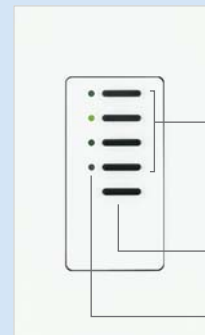
Recall preset lighting scenes
Off
Infrared receiver
Green status lights

4-Scene Wallstation with Off, IR Receiver, and Switch Input



Recall preset lighting scenes
Off
Infrared receiver
Green status lights

4-Button Master Control Wallstation



Each button toggles selected control units between scene 1 and off
All-on (scene 1) or all-off
Green status lights

Infrared Controls, pg.140












Infrared wireless remote controls and ceiling-mounted infrared receivers available

Architectural Accessories, pg.34, Wallplates, pg.40









Receptacles, GFCI Receptacles, Isolated Ground Receptacles, Multi-Port Frames, Telephone and Cable Jacks, and 1- to 6-Gang Wallplates

GRAFIK Eye® 3000 Series

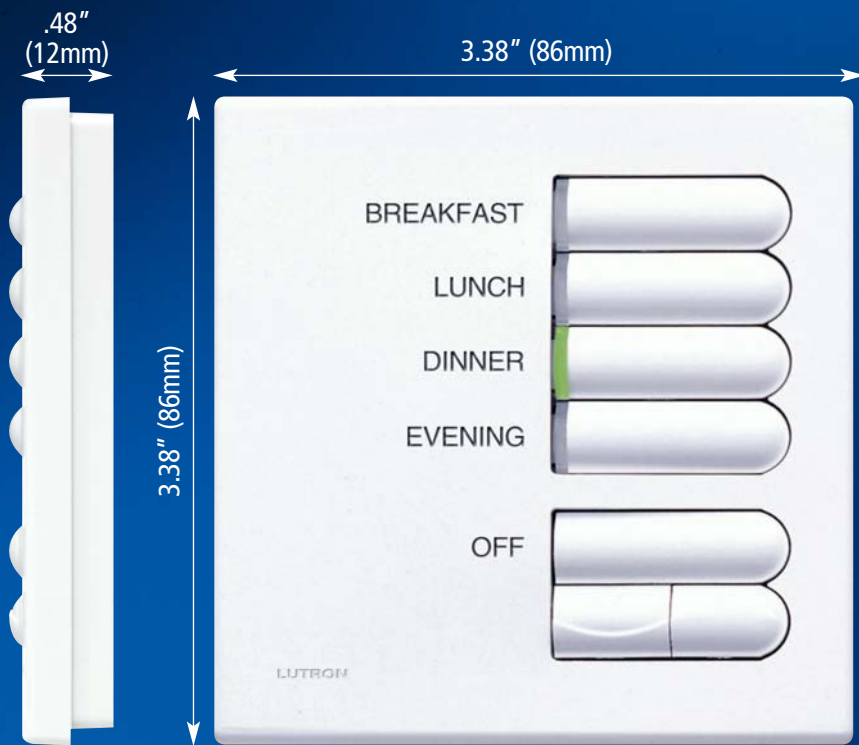
	Description	Model #	Important Information
	Architectural Style Wallstations		Ships in 48 hrs.
	2-Button Wallstation with Status Light	Color Palette <i>Matte Finish</i> Add color suffix to model # Example: NTGRX-2B-SL-WH	
	2-Button NTGRX-2B-SL-  <ul style="list-style-type: none"> Product Functions (can be selected in the field): <ul style="list-style-type: none"> - Turns lighting on (Scene 1) and off - Recalls preset light levels for two scenes (9/10 or 13/14) - Single partition status determines which GRAFIK Eye control unit(s) operate independently or in combination to reflect status for one moveable wall (two rooms) - Panic (Scene 16, lock out GRAFIK Eye manual control) - Sequencing (Selects Scenes 5-16 sequentially) - Individual zone raise/lower - Zone lockout 	Add color suffix to model # Example: NTGRX-2B-SL-WH WH White GR Gray BE Beige BR Brown IV Ivory BL Black Accessories Coordinating architectural accessories sold separately, pg.34. Wallplates For replacement, metal, and multigang wallplates, pg.40. Customization For color matching, engraving, and silk screening, pg.47.	
	4-Button Wallstation		
	4-Scenes NTGRX-4B-  <ul style="list-style-type: none"> Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field) Can be mounted with other wallstations in multigang faceplate for 8/12/16 scene selection 	Wallstation Dimensions W: 2.75" (70mm) H: 4.56" (116mm) D: 1.13" (29mm) Depth includes wallplate and backbox. Wallplate depth is 0.30" (7.6mm). Wallbox size: single gang	
	4-Scene Wallstation with Off and Raise/Lower		
	4-Scenes with Off and Raise/Lower NTGRX-4S-  <ul style="list-style-type: none"> Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field) plus off 	Controls are Class2/PELV unless noted.    Global Ordering see pg.229 For More Information: www.lutron.com/grafikeye Fax-on-Demand 1-800-523-9466	

GRAFIK Eye® 3000 Series

	Description	Model #	Important Information					
	<p>Architectural Style Wallstations</p> <p>4-Scene Wallstation with Off and IR Receiver</p> <p>4-Scenes, Off, and Infrared Receiver NTGRX-4S-IR- <input type="checkbox"/></p> <ul style="list-style-type: none"> Recalls preset light levels for four scenes (1-4, 5-8, 9-12 or 13-16; selected in the field) plus off from keypad Wireless infrared remote controls can recall scenes (determined by wallstation field settings), plus off and master raise/lower, pg.140 	<p>Ships in 48 hrs.</p> <p>Color Palette <i>Matte Finish</i> Add color suffix to model # Example: NTGRX-4S-IR-WH</p> <table border="0"> <tr> <td>WH White</td> <td>GR Gray</td> </tr> <tr> <td>BE Beige</td> <td>BR Brown</td> </tr> <tr> <td>IV Ivory</td> <td>BL Black</td> </tr> </table> <p>Accessories Coordinating architectural accessories sold separately, pg.34.</p> <p>Wallplates For replacement, metal, and multigang wallplates, pg.40.</p> <p>Customization For color matching, engraving, and silk screening, pg.47.</p>	WH White	GR Gray	BE Beige	BR Brown	IV Ivory	BL Black
WH White	GR Gray							
BE Beige	BR Brown							
IV Ivory	BL Black							
	<p>4-Scene Wallstation with Off, IR Receiver, and Switch Input</p> <p>4-Scenes, Off, Infrared Receiver and Switch Input NTGRX-SI4S-IR- <input type="checkbox"/></p> <ul style="list-style-type: none"> Recalls preset light levels for four scenes (1-4 or 5-8 based on external contact closure) plus off from keypad Wireless infrared remote controls can recall scenes (determined by wallstation field settings), plus off and master raise/lower, pg.140 Ideal for two room partitionable spaces Allows new scenes to accommodate function of two single rooms reoriented into one larger room 	<p>Wallstation Dimensions</p> <p>W: 2.75" (70mm) H: 4.56" (116mm) D: 1.13" (29mm)</p> <p>Depth includes wallplate and backbox. Wallplate depth is 0.30" (7.6mm). Wallbox size: single gang</p>						
	<p>4-Button Master Control Wallstation</p> <p>Master Control NTGRX-4M- <input type="checkbox"/></p> <ul style="list-style-type: none"> Each of four buttons toggles individually selected GRAFIK Eye control unit(s) between Scene 1 and off Last button turns selected GRAFIK Eye control unit(s) off (can be changed in the field to turn control unit(s) on) 	<p>Controls are Class2/PELV unless noted.</p> <p>   Global Ordering see pg.229</p> <p>For More Information: www.lutron.com/grafikeye Fax-on-Demand 1-800-523-9466</p>						

GRAFIK Eye® 3000 Series

European Style Wallstations



Shown actual size:
European style wallstation in white (WH).

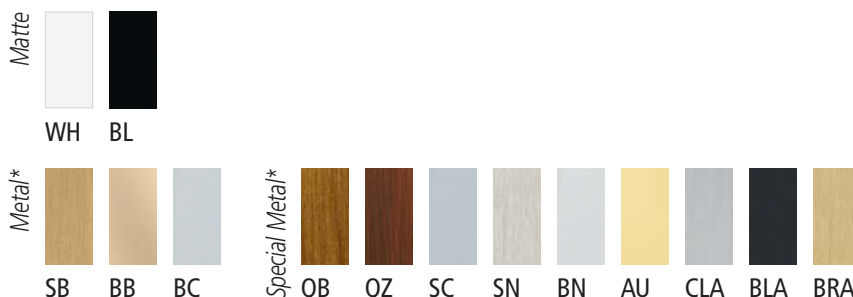
Product Family Features

- Sleek, euro-styled buttons make this a unique offering for the design-minded homeowner
- For use with one or more GRAFIK Eye 3000 Series control units; provides additional control points throughout a space
- Controls are available with infrared receiver for control by infrared remote control, pg.140
- 2-, 4- and 8-scene models let you limit or expand scene control options depending on where the control is located
- Access all 16 preset scenes stored in one or more GRAFIK Eye control units

Layout and Installation

- Wire with low-voltage cable, pg.137
- Power up to three wallstations/control interfaces from a single 3000 Series control unit; for additional controls use a GRX-12VDC, pg.137
- Mounts individually, does not gang
- Each European style wallstation counts one toward system maximum 16 wallstations/control interfaces

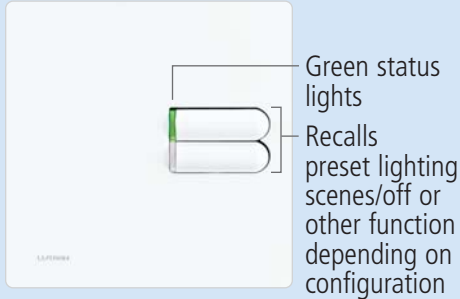
Color Palette *(For latest color information, visit www.lutron.com)*



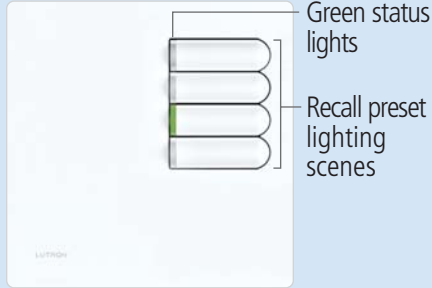
* To order metal and special metal finishes, contact Lutron Customer Service

GRAFIK Eye® 3000 Series

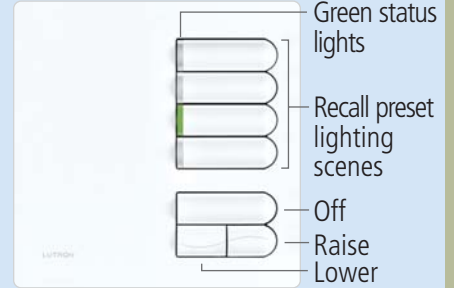
2-Button Wallstation



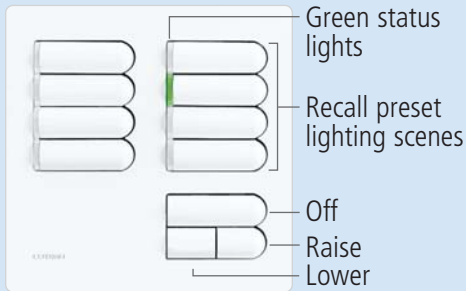
4-Button Wallstation



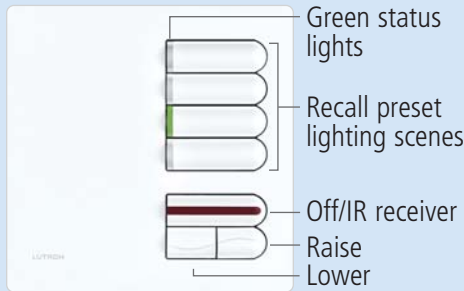
4-Scene Wallstation with Off and Raise/Lower



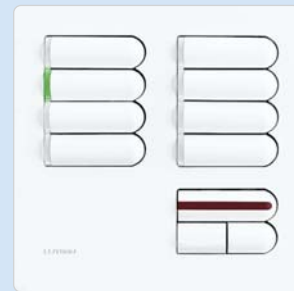
8-Scene Wallstation with Off and Raise/Lower



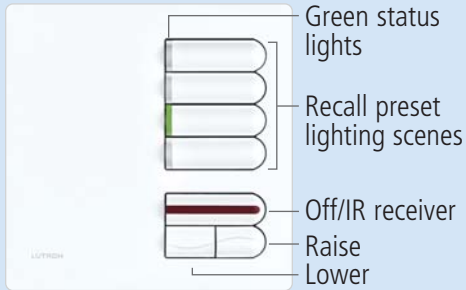
4-Scene Wallstation with Off, Raise/Lower, and IR Receiver



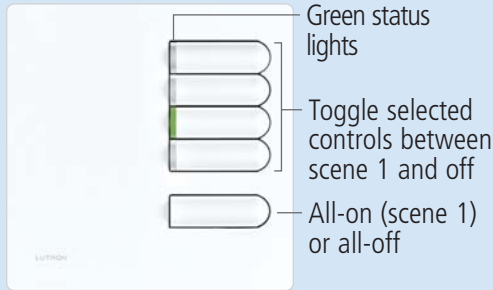
8-Scene Wallstation with Off, Raise/Lower, and IR Receiver



4-Scene Wallstation with Off, Raise/Lower, and IR Receiver Programming



4-Button Master Control Wallstation



Order metal wallplates and engraving for elegant and easy to use controls, contact Lutron Customer Service










Infrared Controls, pg.140










Infrared wireless remote controls and ceiling-mounted infrared receivers available

GRAFIK Eye® 3000 Series

	Description	Model #	Important Information
	<p>European Style Wallstations Mounts in UK/German single-gang wallbox; contact Lutron Customer Service to order. Wallplates and control buttons can be engraved.</p>		
	<p>2-Button Wallstation</p> <p>2-Button EGRX-2B-SL- <input type="checkbox"/></p> <ul style="list-style-type: none"> Product Functions (can be selected in the field): <ul style="list-style-type: none"> - Turns lighting on (Scene 1) and off - Recalls preset light levels for two scenes (9/10 or 13/14) - Single partition status determines which GRAFIK Eye control unit(s) operate independently or in combination to reflect status for one moveable wall (two rooms) - Panic (Scene 16, lock out GRAFIK Eye manual control) - Sequencing (Selects Scenes 5-16 sequentially) - Individual zone raise/lower - Zone lockout 	<p>Color Palette <i>Matte Finish ships in 2 wks.</i> Add color suffix to model # Example: EGRX-2B-SL-WH</p> <p>WH White BL Black</p> <p><i>Metal Finish ships in 4-6 wks.</i> Add color suffix to model # Example: EGRX-2B-SL-SB</p> <p>SB Satin Brass BB Bright Brass BC Bright Chrome QB Antique Brass QZ Antique Bronze SC Satin Chrome SN Satin Nickel BN Bright Nickel Anodized Aluminum CLA Clear BLA Black BRA Brass</p>	
	<p>4-Button Wallstation</p>		
	<p>4-Button EGRX-4B- <input type="checkbox"/></p> <ul style="list-style-type: none"> Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16, selected in the field) 	<p>Wallplates Single-gang wallplate included with product. For replacement and metal wallplates, contact Lutron Customer Service. Multigang wallplates are not available for these products.</p>	
	<p>4-Scene Wallstation with Off and Raise/Lower</p>		
	<p>4-Scenes with Off and Raise/Lower EGRX-4S- <input type="checkbox"/></p> <ul style="list-style-type: none"> Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field) plus off Fine-tuning of light levels with master raise/lower buttons 	<p>Customization For color matching, engraving, and silk screening, contact Lutron Customer Service.</p> <p>Wallstation Dimensions W: 3.38" (86mm) H: 3.38" (86mm) D: 0.88" (22mm) Depth includes wallplate and backbox. Wallplate depth is 0.48" (12mm).</p>	
	<p>8-Scene Wallstation with Off and Raise/Lower</p>		
	<p>8-Scenes with Off and Raise/Lower EGRX-8S- <input type="checkbox"/></p> <ul style="list-style-type: none"> Recalls preset light levels for eight scenes (1-8, 5-12, 9-16, or 1-4/13-16; selected in the field) plus off Fine-tuning of light levels with master raise/lower buttons 	<p>Controls are Class2/PELV unless noted.</p> <p>   Global Ordering see pg.229</p> <p>For More Information: www.lutron.com/grafikeye Fax-on-Demand 1-800-523-9466</p>	

GRAFIK Eye® 3000 Series

	Description	Model #	Important Information
	<p>European Style Wallstations Mounts in UK/German single-gang wallbox; contact Lutron Customer Service to order. Wallplates and control buttons can be engraved.</p> <p>4-Scene Wallstation with Off, Raise/Lower, and IR Receiver</p> <p>4-Scenes with Off, Raise/Lower and Infrared Receiver EGRX-4S-IR- <input type="checkbox"/></p> <ul style="list-style-type: none"> Recalls preset light levels for four scenes (1-4, 5-8, 9-12 or 13-16; selected in the field) plus off from keypad Wireless infrared remote controls can recall scenes (determined by wallstation field settings), plus off and master raise/lower, pg.140 Fine-tuning of light levels with master raise/lower buttons 		<p>Color Palette Matte Finish ships in 2 wks. Add color suffix to model # Example: EGRX-4S-IR-WH</p> <p>WH White BL Black</p> <p>Metal Finish ships in 4-6 wks. Add color suffix to model # Example: EGRX-4S-IR-SB</p> <p>SB Satin Brass BB Bright Brass BC Bright Chrome QB Antique Brass QZ Antique Bronze SC Satin Chrome SN Satin Nickel BN Bright Nickel</p> <p>Anodized Aluminum CLA Clear BLA Black BRA Brass</p> <p>Wallplates Single-gang wallplate included with product. For replacement and metal wallplates, contact Lutron Customer Service. Multigang wallplates are not available for these products.</p> <p>Customization For color matching, engraving, and silk screening, contact Lutron Customer Service.</p> <p>Wallstation Dimensions W: 3.38" (86mm) H: 3.38" (86mm) D: 0.88" (22mm) Depth includes wallplate and backbox. Wallplate depth is 0.48" (12mm).</p>
	<p>8-Scene Wallstation with Off, Raise/Lower, and IR Receiver</p> <p>8-Scenes with Off, Raise/Lower and Infrared Receiver EGRX-8S-IR- <input type="checkbox"/></p> <ul style="list-style-type: none"> Recalls preset light levels for four scenes (1-4, 5-8, 9-12 or 13-16; selected in the field) plus off from keypad Wireless infrared remote controls can recall scenes (determined by wallstation field settings), plus off and master raise/lower, pg.140 Fine-tuning of light levels with master raise/lower buttons 		
	<p>4-Scene Wallstation with Off, Raise/Lower, and IR Receiver Programming</p> <p>4-Scenes, Off, Raise/Lower, and Infrared Receiver EGRX-PRO- <input type="checkbox"/></p> <ul style="list-style-type: none"> Recalls preset light levels for four scenes (1-4, 5-8, 9-12 or 13-16; selected in the field) plus off Wireless infrared remote control with scene programming: <ul style="list-style-type: none"> Save current scene (3500 Series only) Individual zone or master raise/lower Recall scenes (determined by wallstation field settings), plus off Fine-tuning of light levels with master raise/lower buttons 		
	<p>4-Button Master Control Wallstation</p> <p>Master Control with Backlit Buttons EGRX-4M- <input type="checkbox"/></p> <ul style="list-style-type: none"> Each of four buttons toggles individually selected GRAFIK Eye control unit(s) between Scene 1 and off Last button turns selected GRAFIK Eye control unit(s) off (can be changed in the field to turn control unit(s) on) 		<p>Controls are Class2/PELV unless noted.</p> <p>   Global Ordering see pg.229</p> <p>For More Information: www.lutron.com/grafikeye Fax-on-Demand 1-800-523-9466</p>

GRAFIK Eye® 3000 Series

Slim-Button, Large-Button,
and Architrave Style Wallstations



Shown actual size:
Large-button style wallstation
with satin nickel (SN) wallplate.

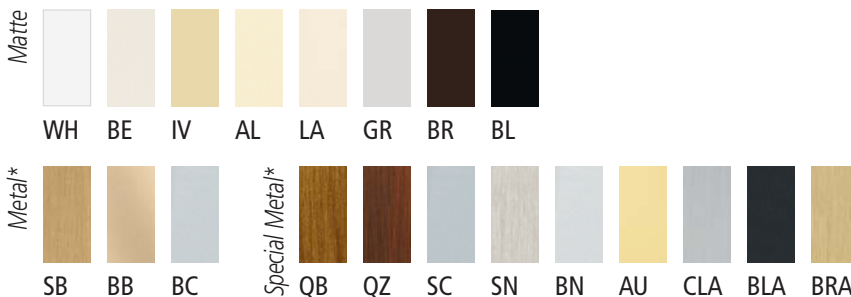
Product Family Features

- For use with one or more GRAFIK Eye 3000 Series control units; provides additional control points throughout a space
- Available wallplate engraving makes it easy to select the right lighting scene, contact Lutron Customer Service for more information
- Elegant metal wallplates available
- Access all 16 preset scenes stored in one or more GRAFIK Eye control units

Layout and Installation

- Wire with low-voltage cable, pg.137
- Power up to three wallstations/control interfaces from a single 3000 Series control unit; for more than three, use a GRX-12VDC, pg.137
- Mounts individually, does not gang
- Each wallstation counts one toward system maximum 16 wallstations/control interfaces

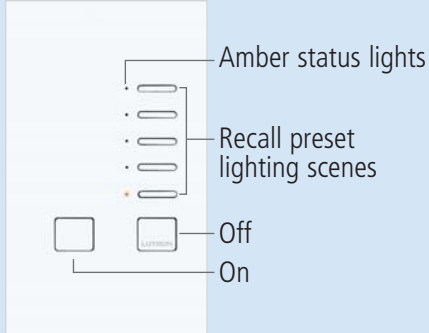
Color Palette *(For latest color information, visit www.lutron.com)*



* To order metal and special metal finishes, contact Lutron Customer Service

GRAFIK Eye® 3000 Series

4-Scene Wallstation with Off and Raise/Lower



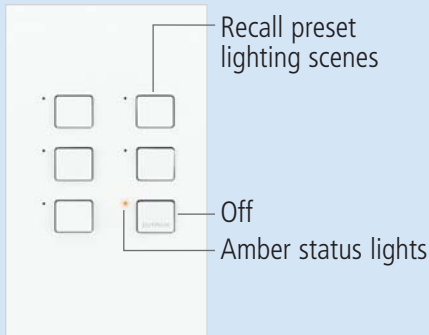
9-Scene Wallstation with Off and Raise/Lower



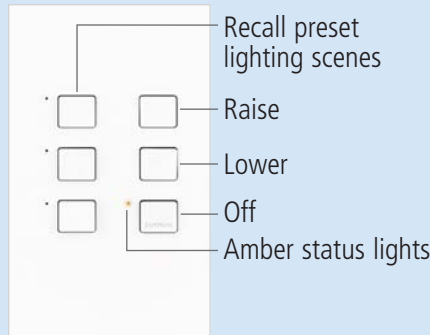
14-Scene Wallstation with Off and Raise/Lower



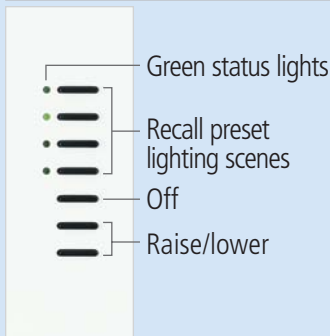
5- and 8-Scene Wallstation with Off



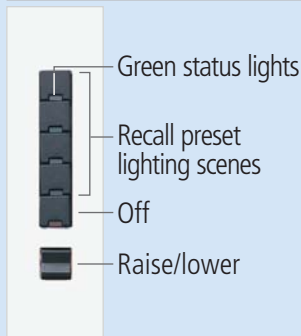
3- and 6-Scene Wallstation with Off and Raise/Lower



4-Scene Slim Button Wallstation with Off and Raise/Lower



4-Scene Large Button Wallstation with Off and Raise/Lower











Architectural Accessories, pg.34, Wallplates, pg.40








Receptacles, GFCI Receptacles, Isolated Ground Receptacles, Multi-Port Frames, Telephone and Cable Jacks, and 1- to 6-Gang Wallplates

GRAFIK Eye® 3000 Series

	Description	Model #	Important Information
	<p>Slim-Button Style Wallstations</p> <p>4-Scene Wallstation with Off and Raise/Lower</p> <p>4-Scenes with Off and Raise/Lower — or — 5-Scenes with Full On/Off</p> <ul style="list-style-type: none"> Recalls preset light levels for four scenes (1-4 or 6-9) plus off with fine-tuning — or — recalls five scenes (1-5 or 6-10) plus off with full-on (Scene 16) <p><i>Dimensions:</i> W: 2.75" (70mm); H: 4.56" (116mm); D: 1.16" (29mm), depth includes wallplate and backbox. Wallplate depth is 0.30" (7.6mm). Wallbox size: single gang.</p>	<p>Color Palette <i>Matte Finish ships in 2 wks.</i> Add color suffix to model # Example: NTGRX-KP5-WH</p> <p>WH White GR Gray BE Beige BR Brown IV Ivory BL Black</p> <p>Accessories Coordinating architectural accessories sold separately, pg.34.</p> <p>Wallplates Wallplate included with product. For replacement, metal, and multigang wallplates, contact Lutron Customer Service.</p> <p>Customization For color matching, engraving, and silk screening, contact Lutron Customer Service.</p>	
	<p>9-Scene Wallstation with Off and Raise/Lower</p> <p>9-Scenes with Off and Raise/Lower — or — 10-Scenes with Full On/Off</p> <ul style="list-style-type: none"> Recalls preset light levels for nine scenes (1-9 or 6-14) plus off with fine-tuning — or — recalls preset light levels for 10 scenes (1-10 or 6-15) plus off with full-on (Scene 16) <p><i>Dimensions:</i> W: 2.75" (70mm); H: 4.56" (116mm); D: 1.16" (29mm), depth includes wallplate and backbox. Wallplate depth is 0.30" (7.6mm). Wallbox size: single gang.</p>		
	<p>14-Scene Wallstation with Off and Raise/Lower</p> <p>14-Scenes with Off and Raise/Lower — or — 15-Scenes with Full On/Off</p> <ul style="list-style-type: none"> Recalls preset light levels for Scenes 1-14 plus off with fine-tuning — or — recalls preset light levels for Scenes 1-15 plus off with full-on (Scene 16) <p><i>Dimensions:</i> W: 4.50" (114mm); H: 4.56" (116mm); D: 1.16" (29mm), depth includes wallplate and backbox. Wallplate depth is 0.30" (7.6mm). Wallbox size: two-gang.</p>		
	<p>Large-Button Style Wallstations</p> <p>5-Scene Wallstation with Off</p> <p>5-Scenes with Off</p> <ul style="list-style-type: none"> Recalls preset light levels for five scenes (1-5 or 9-13) plus off <p><i>Dimensions:</i> W: 2.75" (70mm); H: 4.56" (116mm); D: 1.16" (29mm), depth includes wallplate and backbox.</p>		
	<p>8-Scene Wallstation with Off</p> <p>8-Scenes with Off</p> <ul style="list-style-type: none"> Recalls preset light levels for eight scenes (1-8 or 9-16) plus off <p><i>Dimensions:</i> W: 4.50" (114mm); H: 4.56" (116mm); D: 1.16" (29mm), depth includes wallplate and backbox.</p>	<p>Controls are Class2/PELV unless noted.</p> <p>   Global Ordering see pg.229</p> <p>For More Information: www.lutron.com/grafikeye Fax-on-Demand 1-800-523-9466</p>	

GRAFIK Eye® 3000 Series

	Description	Model #	Important Information
	<p>Large-Button Style Wallstations</p> <p>3-Scene Wallstation with Off and Raise/Lower</p> <p>3-Scenes with Off and Raise/Lower</p> <ul style="list-style-type: none"> Recalls preset light levels for three scenes (1-3 or 9-11) plus off with fine-tuning of light levels <p><i>Dimensions:</i> W: 2.75" (70mm); H: 4.56" (116mm); D: 1.16" (29mm), depth includes wallplate and backbox.</p>	<p>Color Palette</p> <p>Matte Finish ships in 2 wks. Add color suffix to model # Example: NTGRX-LB6-RL-WH</p> <p>WH White GR Gray BE Beige BR Brown IV Ivory BL Black</p> <p>Accessories</p> <p>Coordinating architectural accessories sold separately, pg.34.</p> <p>Wallplates</p> <p>Wallplate included with product. For replacement, metal, and multigang wallplates, contact Lutron Customer Service.</p> <p>Customization</p> <p>For color matching, engraving, and silk screening, contact Lutron Customer Service.</p>	
	<p>6-Scene Wallstation with Off and Raise/Lower</p> <p>6-Scenes with Off and Raise/Lower</p> <ul style="list-style-type: none"> Recalls preset light levels for six scenes (1-6 or 9-14) plus off with fine-tuning of light levels <p><i>Dimensions:</i> W: 4.50" (114mm); H: 4.56" (116mm); D: 1.16" (29mm), depth includes wallplate and backbox.</p>		
	<p>Architrave Style Wallstations</p> <p><i>Mounts in Lutron-supplied wallbox, PIN 241-663.</i></p> <p>4-Scene Slim Button Wallstation with Off and Raise/Lower</p> <p>4-Scenes with Off and Raise/Lower</p> <ul style="list-style-type: none"> Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field) plus off Fine tunes light levels with master raise/lower Bright brass (BB), white (WH) are standard; other finishes ship in 4-6 weeks <p><i>Dimensions:</i> W: 1.75" (44mm); H: 4.56" (116mm); D: 1.63" (41mm), depth includes wallplate and backbox. Wallplate depth is 0.13" (3mm). Wallbox size: 1.25" (32mm) x 3.80" (97mm) x 2.75" (70mm).</p>		
	<p>4-Scene Large Button Wallstation with Off and Raise/Lower</p> <p>4-Scenes with Off and Raise/Lower</p> <ul style="list-style-type: none"> Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16; selected in the field) plus off Fine tunes light levels with master raise/lower Bright brass (BB), white (WH) are standard; other finishes ship in 4-6 weeks <p><i>Dimensions:</i> W: 1.50" (38mm); H: 5.16" (131mm); D: 1.99" (51mm), depth includes wallplate and backbox. Wallplate depth is 0.13" (3mm). Wallbox size: 1.25" (32mm) x 4.40" (112mm) x 2.75" (70mm).</p>	<p>Controls are Class2/PELV unless noted.</p> <p> Global Ordering see pg.229</p> <p>For More Information: www.lutron.com/grafikeye Fax-on-Demand 1-800-523-9466</p>	

GRAFIK Eye® 3000 Series

Connectivity Products



Shown:
RS-232 interface

Product Family Features

- Coordinate GRAFIK Eye 3000 Series control units with other systems:
 - Contact Closures
 - Serial Links
 - Infrared
- Automate lighting control with the astronomic timeclock
- Provide energy savings by using a daylight control and photosensor or by connecting an occupancy sensor to the system
- Programming tools simplify system installation
- Coordinate lighting and controllable window treatments
- Simple on/off entrance controls use standard 2-way wiring

Daylighting



GRX-DACPI- with MW-PS-WH select scenes in response to ambient light, for more information contact Lutron Customer Service

120V Entrance Control, pg.137

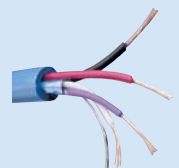


Uses standard 3- and 4-way wiring for on (Scene 1) and off control from up to 10 locations

Accessories, pg.137








12VDC plug-in Class 2 transformer







Low-Voltage Cables plenum and non-plenum rated




GRAFIK Eye® 3000 Series

Features/Functions	Contact Closures		Serial Links		Infrared
	 GRX-AV pg.134	 GRX-CCO-8 pg.135	 GRX-RS232 pg.135	 GRX-PRG pg.136	 GRX-IRI pg.136
Preset Scene Control Select Scene Scene Status Feedback	yes yes	yes yes	yes yes	yes yes	yes
Security/Life Safety <i>Initiate "Panic-on" mode</i> – Selects Scene 16 and locks control unit to prevent manual changes and returns to previous scene when closure is removed	yes				
Occupant Response Inputs turn selected control units on to Scene 1 or off based on occupancy	yes				
Sequencing Initiate a sequence loop	yes		yes	yes	
Lockout <i>Zone Lock</i> – Allows intensity changes on selected control unit(s) without affecting preset scenes <i>Scene Lock</i> – Disables scene buttons on selected control unit(s) preventing any manual scene changes	yes yes		yes yes	yes yes	
Scheduling <i>Astronomic Timeclock</i> – Four schedules with 60 events per schedule <i>External Timeclock</i> – Scene selection through contact closure inputs	yes			yes	
Zone Control Independent zone raise/lower Zone on/off status		yes	yes	yes yes	yes
Button Feedback			yes	yes	
Window Treatments Open/Close Open/Close/Stop		yes yes		yes yes	
Programming Utilities Liaison® – Windows-based programming tool for GRAFIK Eye 3500 Series				yes	

GRAFIK Eye® 3000 Series







	Description	Model #	Important Information
	<h2>Control Interfaces</h2>		<p>Ships in 48 hrs.</p>
	<p>Contact Closure Interface</p> <ul style="list-style-type: none"> • Provides two-way interface between GRAFIK Eye control units and contact closure devices • Product functions (selected in the field) <ul style="list-style-type: none"> - Recall four scenes (1-4, 5-8, 9-12, or 13-16) plus off - Enable/disable panic, scene lockout or zone lockout modes - Turn lights on (Scene 1) or off based on occupancy (control up to five individual rooms) - Initiate scene (1-4 or 5-16) sequence loop - Inputs determine which GRAFIK Eye control unit(s) operate independently or in combination to reflect partition status for up to five moveable walls • Five inputs and five outputs • Inputs and outputs can be momentary or maintained • Output requires external relay and power supply (30VDC maximum) by others for contact closure • Inputs specification: <ul style="list-style-type: none"> - Input must be dry contact closure or open collector (NPN) with: <ul style="list-style-type: none"> - On-state saturation voltage less than 2.0VDC - Off-state leakage current less than 10 microAmps - Open circuit voltage 36V maximum - Short circuit current 4.0 miliAmps maximum • Outputs specification: <ul style="list-style-type: none"> - 30VDC maximum - 200 miliAmps maximum - Open collector (NPN) output <ul style="list-style-type: none"> - On-state saturation voltage 1.0V maximum - Off-state leakage current 0.1 microAmps maximum • Counts toward system maximum 16 wallstations/control interfaces 	<p>GRX-AV</p>	<p>Contact Closure Interface Dimensions</p> <p>W: 5.00" (127mm) H: 7.75" (197mm) D: 2.50" (64mm) Mounts on a 4.00" (101mm) square utility box.</p> <p>Controls are Class2/PELV unless noted.</p> <p>    Global Ordering see pg.229 </p> <p>For More Information: www.lutron.com/grafikeye Fax-on-Demand 1-800-523-9466</p>

GRAFIK Eye® 3000 Series




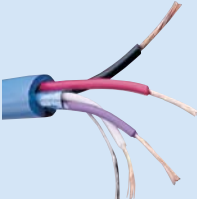



Description	Model #	Important Information
Control Interfaces		
<p>Contact Closure Output</p> <ul style="list-style-type: none"> • Provides eight dry contact closure outputs • For integration to 3rd party controllable window treatments or A/V equipment • May be set to normally open (NO) or normally closed (NC) • May be set to momentary or maintained contacts: <ul style="list-style-type: none"> - Momentary pulse time 0.25 seconds • Depending on configuration the outputs indicate: <ul style="list-style-type: none"> - Current scene (1-8, 9-16) - Zone on/off for eight zones - Open/close window treatments (4 shades) - Open/close/stop window treatments (2 shades) - Interlock time delay of 0.50 seconds • Output ratings: 0-30V, 10A and 30-42V, 0.5A • Counts toward system maximum 16 wallstations/control interfaces 	<p>GRX-CCO-8</p>	<p>Ships in 48 hrs.</p> <p>Contact Closure Output Dimensions</p> <p>W: 5.75" (146mm) H: 10.75" (273mm) D: 2.00" (50mm)</p> <p>RS-232 Interface Dimensions</p> <p>W: 5.00" (127mm) H: 7.75" (197mm) D: 2.50" (64mm) Mounts on a 4.00" (101mm) square utility box.</p>
<p>RS-232 Interface</p> <ul style="list-style-type: none"> • Integrates GRAFIK Eye control units with user-supplied PC or A/V equipment (touchscreen) using RS-232 serial communication • Enables control of scene selection, scene lock, sequencing, zone lock, zone raise/lower • Can provide status monitoring through button feedback and scene-status updates • Must be located within 50' (15m) of RS-232 source • Counts toward system maximum 16 wallstations/control interfaces 	<p>GRX-RS232</p>	<p>Controls are Class2/PELV unless noted.</p> <p>    Global Ordering see pg.229 </p> <p>For More Information: www.lutron.com/grafikeye Fax-on-Demand 1-800-523-9466</p>



GRAFIK Eye® 3000 Series

	Description	Model #	Important Information
	<p>Control Interfaces</p> <p><i>Astronomic Timeclock and Programmer Interface</i></p> <ul style="list-style-type: none"> • Includes all features of GRX-RS232 • Built-in astronomic timeclock features four schedules with 60 events per schedule • Programmed via PC (not included) using Lutron Liaison™ software (included, see below) • Provides access to advanced user-programmable features when used with GRX-3500 control units such as programming scenes and system communications • Must be located within 50' (15m) of RS-232 source • Only one GRX-PRG per system • Counts toward system maximum 16 wallstations/control interfaces 	<p>GRX-PRG</p>	<p>Ships in 48 hrs.</p> <p>Control Interface Dimensions</p> <p>W: 5.00" (127mm) H: 7.75" (197mm) D: 2.50" (64mm) Mounts on a 4.00" (101mm) square utility box.</p> <p>Infrared Interface Dimensions</p> <p>W: 1.75" (45mm) H: 4.10" (105mm) D: 0.90" (23mm)</p>
	<p>Liaison Software (Included with GRX-PRG)</p> <p>Windows-based programming tool</p> <ul style="list-style-type: none"> • Timeclock Events (3100 and 3500) <ul style="list-style-type: none"> - Create/edit real time and astronomic event schedule • Super Sequence (3100 and 3500) <ul style="list-style-type: none"> - Automated, synchronized dynamic scene sequence throughout the system • 3500 System Set-up (3500 only) <ul style="list-style-type: none"> - Program control units, accessories and power panels - Interrogate the system for information about all connected units - Archive system configuration, including timeclock schedules - Copy system configuration to similar rooms 		
	<p><i>Infrared Interface</i></p> <ul style="list-style-type: none"> • Integrates GRAFIK Eye control unit(s) with user-supplied infrared transmitter • Enables control of scene selection and zone raise/lower • Counts as one out of 16 maximum wallstations/control interfaces 	<p>GRX-IRI</p>	<p>Controls are Class2/PELV unless noted.</p> <p>   Global Ordering see pg.229</p> <p>For More Information: www.lutron.com/grafikeye Fax-on-Demand 1-800-523-9466</p>

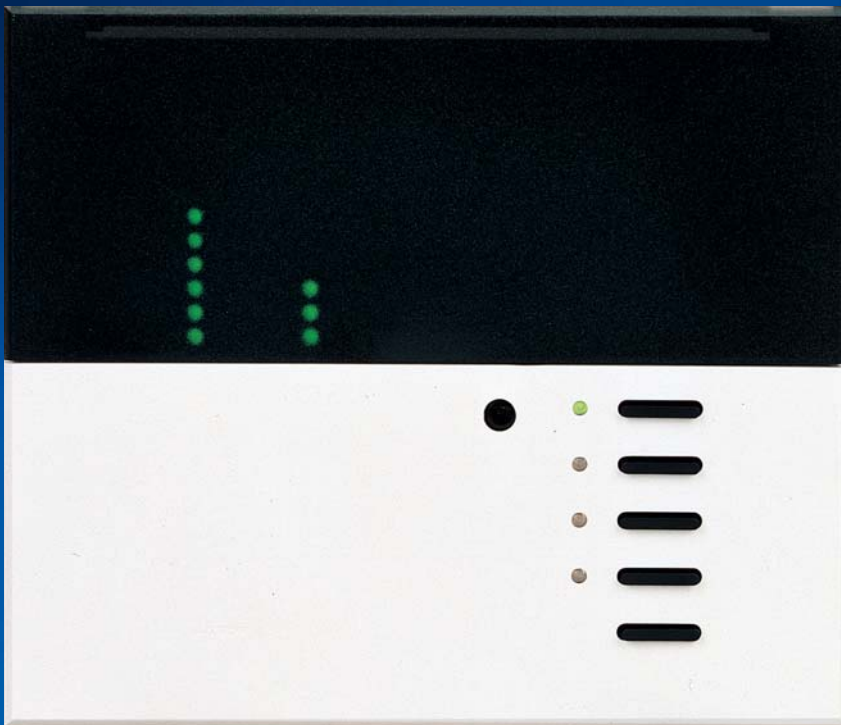
GRAFIK Eye® 3000 Series

	Description	Model #	Important Information					
	<h2 data-bbox="428 205 881 241">120V Entrance Controls</h2> <p data-bbox="428 260 760 294"><i>Vareo Style Wallstations</i></p> <p data-bbox="428 300 779 331">Single Scene Wallstations (120V)</p> <p data-bbox="906 300 1084 331">NTGRX-1S- </p> <ul data-bbox="428 338 1133 558" style="list-style-type: none"> • Toggles between Scene 1 and off • Use for existing 3- and 4-way retrofits; up to 10 can be wired in parallel to one control unit • Not for use with two-zone GRAFIK Eye control units • Requires 120V line-voltage • Does not count toward wallstations/control interface maximums 	<p data-bbox="1166 216 1321 247">Ships in 48 hrs.</p> <p data-bbox="1166 258 1325 321">Color Palette <i>Matte Finish</i></p> <p data-bbox="1166 327 1429 386">Add color suffix to model # Example: NTGRX-1S-WH</p> <table data-bbox="1170 394 1461 495"> <tr> <td>WH White</td> <td>GR Gray</td> </tr> <tr> <td>BE Beige</td> <td>BR Brown</td> </tr> <tr> <td>IV Ivory</td> <td>BL Black</td> </tr> </table> <p data-bbox="1166 516 1308 548">Accessories</p> <p data-bbox="1166 554 1438 638">Coordinating architectural accessories sold separately, pg.34.</p> <p data-bbox="1166 659 1295 690">Wallplates</p> <p data-bbox="1166 697 1446 756">For replacement, metal, and multigang wallplates, pg.40.</p> <p data-bbox="1166 777 1341 808">Customization</p> <p data-bbox="1166 814 1463 873">For color matching, engraving, and silk screening, pg.47.</p>	WH White	GR Gray	BE Beige	BR Brown	IV Ivory	BL Black
WH White	GR Gray							
BE Beige	BR Brown							
IV Ivory	BL Black							
 	<h2 data-bbox="428 884 881 919">Wallstation Accessories</h2> <table data-bbox="428 936 1052 1003"> <tr> <td data-bbox="428 936 881 1003"><i>12VDC Plug-In Class 2 Transformers</i></td> <td data-bbox="906 936 1052 968">GRX-12VDC</td> </tr> </table> <p data-bbox="428 1010 1133 1182"><i>Product Above:</i> Used with GRAFIK Eye 3000 systems when connecting more than three wallstations/control interfaces to a single control unit. Regulated power supply capable of supplying power to a maximum of 16 wallstations/control interfaces. Input: 120V, 60Hz; Output: regulated 12VDC. Cord length is 6'.</p> <table data-bbox="428 1266 1138 1402"> <tr> <td data-bbox="428 1266 881 1329"><i>Low-Voltage Cables, Non-Plenum Rated</i></td> <td data-bbox="906 1266 1125 1297">GRX-CBL-346S-500</td> </tr> <tr> <td data-bbox="428 1335 881 1402"><i>Low-Voltage Cables, Plenum Rated</i></td> <td data-bbox="906 1335 1138 1367">GRX-PCBL346S-500</td> </tr> </table> <p data-bbox="428 1413 1125 1585"><i>Product Above:</i> 500' length on spool; four conductors; #18 AWG (1.0mm²) for power wires; #18 AWG (1.00mm²) for control wires. For use with GRAFIK Eye 3000 systems. Maximum length of a low-voltage cable is 2,000'. For information on cable size and distance, see "Application Note #14" on www.lutron.com.</p>	<i>12VDC Plug-In Class 2 Transformers</i>	GRX-12VDC	<i>Low-Voltage Cables, Non-Plenum Rated</i>	GRX-CBL-346S-500	<i>Low-Voltage Cables, Plenum Rated</i>	GRX-PCBL346S-500	<p data-bbox="1166 894 1450 926">Wallstation Dimensions</p> <p data-bbox="1166 932 1373 963">W: 2.75" (70mm)</p> <p data-bbox="1166 963 1382 995">H: 4.56" (116mm)</p> <p data-bbox="1166 995 1370 1026">D: 1.13" (29mm)</p> <p data-bbox="1166 1031 1455 1115">Depth includes wallplate and backbox. Wallplate depth is 0.30" (7.6mm).</p> <p data-bbox="1166 1121 1417 1152">Wallbox size: single gang</p> <p data-bbox="1166 1780 1516 1812">Controls are Class2/PELV unless noted.</p> <p data-bbox="1166 1822 1500 1875">    Global Ordering see pg.229 </p> <p data-bbox="1166 1896 1503 1990">For More Information: www.lutron.com/grafikeye Fax-on-Demand 1-800-523-9466</p>
<i>12VDC Plug-In Class 2 Transformers</i>	GRX-12VDC							
<i>Low-Voltage Cables, Non-Plenum Rated</i>	GRX-CBL-346S-500							
<i>Low-Voltage Cables, Plenum Rated</i>	GRX-PCBL346S-500							

GRAFIK Eye® 2000 Series

The World's Finest Multi-Scene
Preset Lighting Control

ENTRY LEVEL MODEL

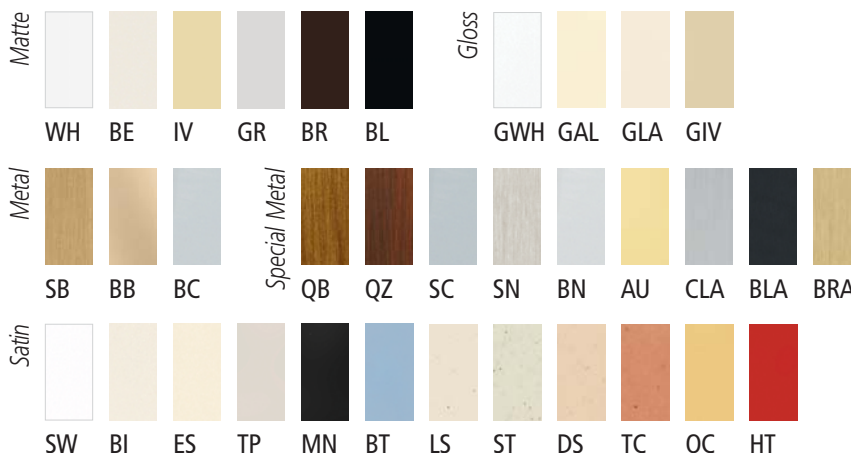


Shown:
GRAFIK Eye 2000 Series 2-zone control unit with translucent black cover (T) and white base (WH) in a matte finish.

Model 2400 Control Unit Features

- The lighting control that lets you control every light in the room, with a single touch
- Set and recall lighting scenes for the way you use your room – end the guesswork of setting your lights just right with individual dimmers and switches
- Create and recall four scenes per GRAFIK Eye control unit, expandable to eight scenes by optional remote control
- Operate with optional 4- or 8-scene infrared wireless remote controls, pg.140
- Fade times are factory preset/fixd: three seconds to on, and between scenes; 10 seconds to off
- Add up to 10 Vareo style single scene, 120V wallstations (NTGRX-1S-) for a total of 11 control points on 3- and 4-zone models only, pg.137

Color Palette *(For latest color information, visit www.lutron.com)*



GRAFIK Eye® 2000 Series



- Translucent black or opaque cover
- Green LEDs indicate light level
- Zone raise/lower buttons set light levels
- Label for recording scenes
- Green status lights indicate "scene on"
- Scene buttons
- Off
- Infrared receiver

Important Information

Color Palette

Add color suffix to model #
Examples:
Translucent Cover, Opaque Base:
GRX-2402- T - WH
Opaque Cover, Opaque Base:
GRX-2402- A - WH

Cover Options

A Opaque
(Cover and base will match)
T Translucent Black
(Black cover, choice of base color)

Base Colors

See pg.110 for complete color offering and suffixes.

Matte Finishes ships 48 hrs.

Matte Cover Options: **A** or **T**

Gloss Finishes ships 4-6 wks.

Gloss Cover Option: **A** only

Metal Finishes ships 4-6 wks.

Metal Cover Option: **T** only

Satin Finishes ships 4-6 wks.

Satin Cover Options: **A** or **T**

Accessories

Coordinating matte and metal architectural accessories sold separately, pg.34.

Coordinating gloss and satin designer accessories sold separately, pg.76.

Customization

For color matching, engraving, and silk screening, contact Lutron Customer Service.

Controls are 120V, 60Hz unless noted.

For More Information:

www.lutron.com/grafikeye
Fax-on-Demand 1-800-523-9466

Description	Maximum Capacity	Model #
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2000 Series Control Units

Incandescent, Magnetic Low Voltage

2-Zone Control Units*

2400	1200W/VA	GRX-2402- -
------	----------	--

Dimensions: W: 5.56" (141mm); H: 4.56" (116mm); D: 2.25" (57mm), depth includes wallplate and backbox. Wallplate depth: 0.35" (9mm). Wallbox size: two-gang, 3.50" (89mm) deep.

3-Zone Control Units*

2400	1500W/VA	GRX-2403- -
------	----------	--

Dimensions: W: 7.25" (184mm); H: 4.56" (116mm); D: 2.25" (57mm), depth includes wallplate and backbox. Wallplate depth: 0.35" (9mm). Wallbox size: three-gang, 3.50" (89mm) deep.

4-Zone Control Units*

2400	2000W/VA	GRX-2404- -
------	----------	--

Dimensions: W: 8.94" (227mm); H: 4.56" (116mm); D: 2.25" (57mm), depth includes wallplate and backbox. Wallplate depth: 0.35" (9mm). Wallbox size: four-gang, 3.50" (89mm) deep.

* *Products Above:* Single zone capacity is 800W/6.67A per zone. Combined total of all zones should not exceed maximum capacity.

Electronic Low Voltage

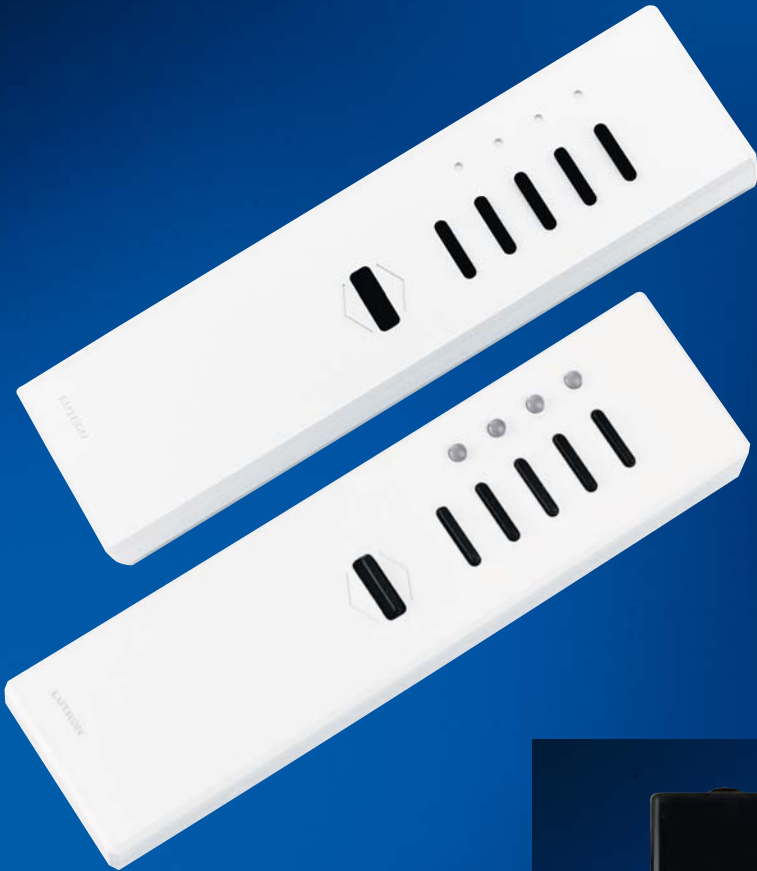
Electronic low-voltage sources require a Hi-Power 2-4-6™ dimming module, see pg.188.

Fluorescent

Lutron Hi-lume® line-voltage control electronic dimming ballasts require a Hi-Power 2-4-6 dimming module, see pg.188. See Lutron Fluorescent Dimming Systems Selection Guide, P/N 366-002.

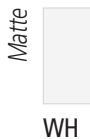
GRAFIK Eye®

Infrared Wireless Remote Controls and Infrared Receiver



Shown:
4-scene (above) and 8-scene infrared
wireless remote controls; ceiling-
mounted infrared receiver (right)

Color Palette *(For latest color information, visit www.lutron.com)*



Product Family Features

- Control your lights from anywhere in the room with wireless infrared remote control
- Robust 50-foot range makes these remotes useful in open floor plans
- Use infrared wireless remote control if additional wallstation is necessary and wire connection is not convenient
- 4- and 8-scene models available
- Discrete ceiling-mounted infrared receivers allow you to place control units in unseen locations then use remote controls to operate the lights from anywhere in the room

Infrared Receiver Layout and Installation

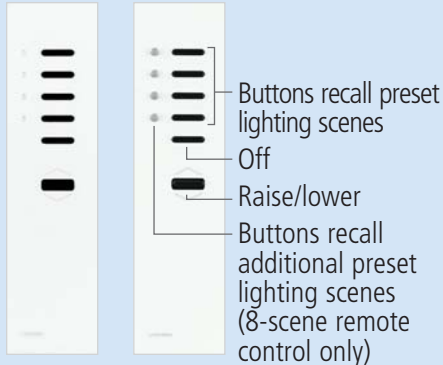
- Wire with low-voltage cable, pg.137
- Counts as one of three wallstations/control interfaces that can be powered from a single 3000 Series control unit; for more than three, use a GRX-12VDC, pg.137
- Counts as one toward system maximum of 16 wallstations/control interfaces

Universal Remote Control

- Lutron infrared remote control codes come pre-programmed in some universal remote controls, most learning remote controls can be taught these Lutron codes






Infrared Wireless Remote Controls



Infrared (IR) Receivers—Ceiling Mounted



Description	Model #	Important Information
Infrared Remote Controls/Receivers		<p>Ships in 48 hrs.</p> <p>Color Palette <i>Matte Finish</i> Remote controls and infrared receivers available in white (WH) only.</p> <p>Remote Control Customization For color matching, engraving, and silk screening, contact Lutron Customer Service.</p> <p>Remote Control Dimensions W: 1.50" (38mm) H: 5.69" (145mm) D: 0.88" (22mm)</p> <p>Infrared Receiver Dimensions Dia: 3.50" (89mm) D: 3.00" (76mm)</p> <p>Controls are Class2/PELV unless noted.</p> <p>   Global Ordering see pg.229</p>
<p>Infrared Wireless Remote Controls</p> <p><i>Fine-tune light levels with master raise/lower within 50' (15m) line-of-sight range to receiver. Does not count as one out of 16 maximum wallstations/control interfaces. Infrared frequency is 40kHz. Available in white (WH).</i></p>		
<p>4-Scene Remote Controls</p> <ul style="list-style-type: none"> Recalls preset light levels for four scenes plus off (scenes dependent on receiver settings); four scene selection buttons 	GRX-IT-WH	
<p>8-Scene Remote Controls</p> <ul style="list-style-type: none"> Recalls preset light levels for eight scenes plus off (scenes dependent on receiver settings); eight scene selection buttons 	GRX-8IT-WH	
<p>Infrared Receivers</p> <p><i>For use GRAFIK Eye 3000 Series only.</i></p>		
<p>Ceiling-Mounted Infrared Receivers</p> <ul style="list-style-type: none"> Receives signal from infrared wireless remote control Recalls preset light levels for four scenes (1-4, 5-8, 9-12, or 13-16) plus off with 4-scene infrared wireless remote control (GRX-IT) Recalls eight scenes (1-8, 5-12, 9-16, or 13-16/1-4) plus off with 8-scene infrared wireless remote control (GRX-8IT) 360° reception range, 50'(15m) line-of-sight range from infrared wireless remote control to receiver Mounts in 2.19"(56mm) x 2.19"(56mm) collar, provided by Lutron Available in white (WH) only Counts toward system maximum 16 wallstations/control interfaces 	GRX-CIR-WH	

