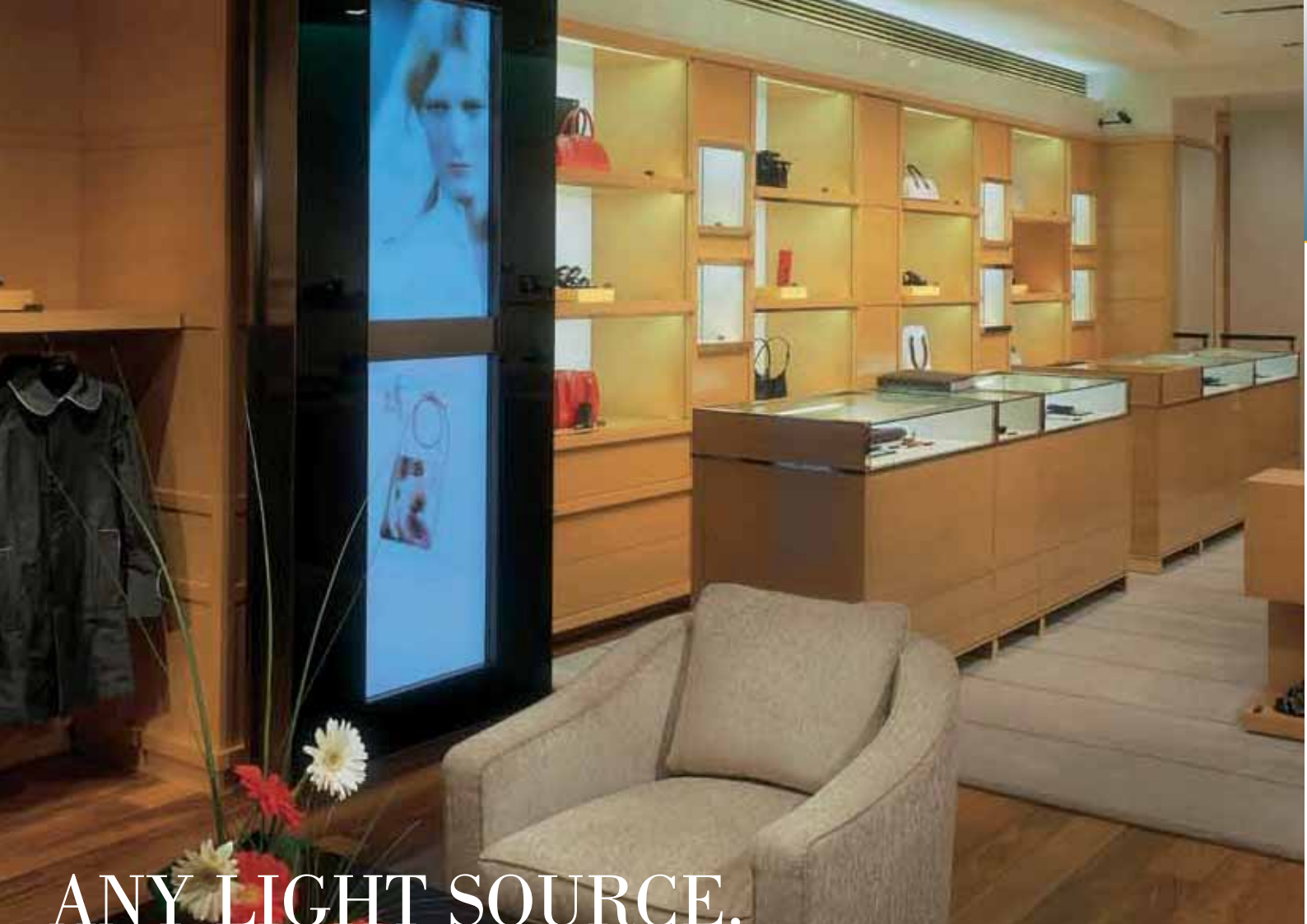# GRAFIK 3000 SERIES

NEW | GRAFIK integrale™

MULTI-SCENE PRESET LIGHTING CONTROL SYSTEM

CONTROLS ALL MODERN LIGHT SOURCES WITHOUT INTERFACES

SMALL COMMERCIAL APPLICATIONS ▪ RESIDENTIAL APPLICATIONS

LOUIS VUITTON

☼LUTRON®

ANY LIGHT SOURCE.
ONE LIGHTING CONTROL.

CONTENTS

GRAFIK 3000® SERIES

⚡LUTRON®

GRAFIK 3000 SERIES HAS A POWERFUL NEW ADDITION... GRAFIK INTEGRALE™

ALL THE FEATURES OF THE GRAFIK EYE® MODELS...

GRAFIK EYE

SET UP AND RECALL
Create lighting scenes for common activities all at the touch of a button.

SMOOTH TRANSITIONS
Fade between lighting scenes-- from instantly to one hour.

EXPAND THE SYSTEM
Accessory controls allow one-touch control from any location.

INTEGRATION
Integrates easily with touchscreens and other AV equipment.

RTISS™ TECHNOLOGY INCLUDED
Compensates for incoming line voltage variations, frequency shifts, harmonics, and line noise.

PLUS...

GRAFIK INTEGRALE

NEW FEATURES

ONE CONTROL
Just one model provides control of all modern light sources.

RELIABILITY
Control is able to withstand short between load hot and either neutral or earth without damage.

THE ONLY LIGHTING CONTROL…
YOU'LL EVER NEED TO SPECIFY

GRAFIK integrale™

EASE OF PROGRAMMING
Simply adjust zone buttons to set lights to match any activity and save as a preset scene. Recall exact scenes from the same unit or matching accessory wallstation.

EASE OF INSTALLATION
One unit controls Electronic Low Volt; Magnetic Low Voltage; Incandescent/Tungsten; 0-10V, DSI, and DALI Fluorescent loads; neon; and non-dim lighting loads.
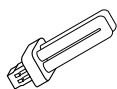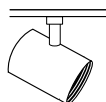
SOURCES

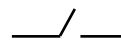| Incandescent/ Tungsten	Electronic Low Voltage	Fluorescent	Magnetic Low Voltage	Neon	Non-Dim

CONTROL ANY LIGHT SOURCE

NO INTERFACE NEEDED FOR ANY LIGHT SOURCE

❊LUTRON®

Choice of Translucent or Opaque cover

ZONE 1 ZONE 2 ZONE 3 ZONE 4

FADE TEMPORARY

ZONES

M S

Fade Time Buttons

Master Raise/Lower Buttons

Scene Select Buttons

All Off

Zone Intensity Buttons

Built-in Infrared Receiver

Choice of colours or metallic/metal finishes

GXI-3104-SN pictured.

CHOOSE AN ACCESSORY STYLE

CREATE THE PERFECT ENVIRONMENT
Lutron offers stylish accessory controls to enhance the beauty of any space and to control lighting from more than one location.

WIRELESS REMOTE CONTROL

ADD FLEXIBILITY
Includes built-in Infrared Receiver for use with optional wireless Remote Control to select scenes from anywhere in a room.

POWER BOOSTERS

INCREASE POWER
Increase individual zone capacities in larger spaces with Lutron Power Boosters.

4

FEATURES
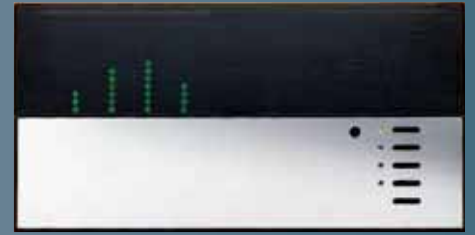
-One stylish control
 replaces multiple
 switches and dimmers

-Eliminate the guesswork
 of setting separate switches
 and dimmers every time

-Slowly fade between lighting
 scenes — eyes have time
 to comfortably adjust

-Add accessory
 wallstations to recall
 preset scenes from
 additional locations

-Add interfaces for
 integration with AV systems
 and other equipment

APPLICATIONS

THE GRAFIK 3000® DIFFERENCE

HOME CINEMA
The movie cannot begin until the lights dim.

LOUNGES
Entertain guests, spend time with family, or watch TV.

DINING ROOM
Create the right lighting for intimate dining, family occasions, cocktail parties.

CONFERENCE ROOM
Instantly transform a room for a general meeting, set up, AV presentation, or video conference.

CAFÉ
Create the perfect ambience for lunch meetings, cocktail hour, elegant dinners and clean-up.

EXECUTIVE OFFICE
Create dynamic work spaces, reduce computer screen glare, and add infrared remote dimming.
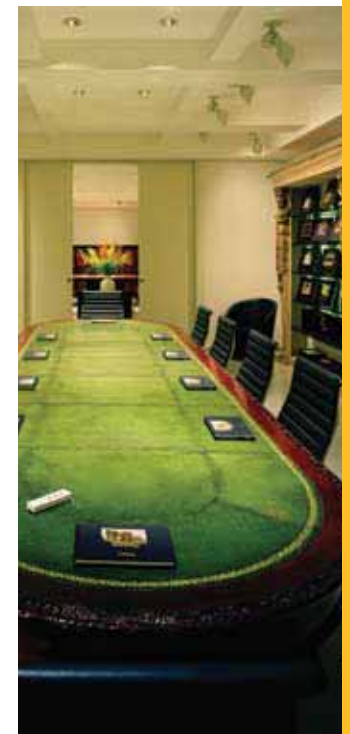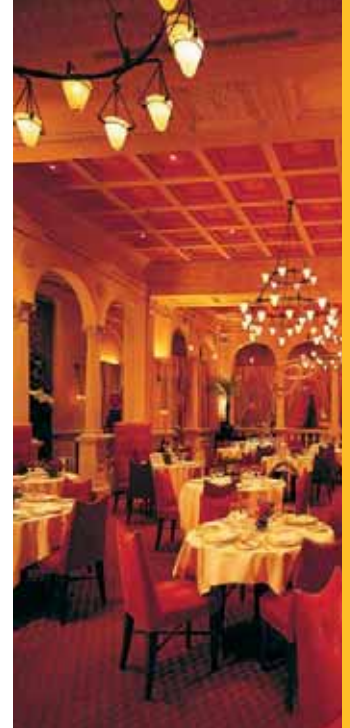
GRAFIK 3000® SERIES

MULTI-SCENE PRESET LIGHTING CONTROL SYSTEM

❊LUTRON®

CREATE A MOOD . . .
AT THE TOUCH OF A BUTTON

ENTERTAIN SCENE

MOVIE SCENE

RESIDENTIAL
APPLICATIONS

LIGHTING ZONE LEVELS

COVE   CEILING   ACCENT   ART

COVE   CEILING   ACCENT   ART
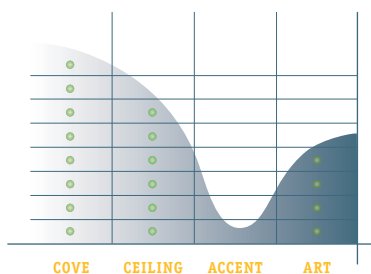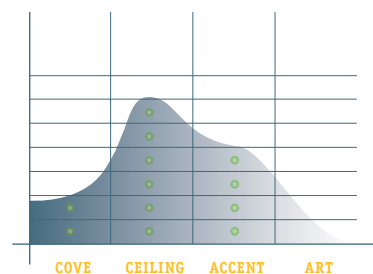
A ZONE is a light or group of lights controlled by the same switch or dimmer.

With GRAFIK Eye® and GRAFIK Integrale™, each zone in a space is set
at the appropriate level for the activity and saved together as one scene,
retrievable later at the touch of a button.

A SCENE is a programmed lighting environment designed to enhance a particular activity.

SET THE SCENE

The secret to great lighting is being able to control it. Match your activity or mood to your visual environment. Set the lights as you need them and the setting is automatically saved as one of your custom scenes. Retrieve it later at the touch of a button; no individual switches or dimmers to adjust again and again.

SPECIAL EVENT SCENE

ALL-ON SCENE

COMMERCIAL
APPLICATIONS

LIGHTING ZONE LEVELS

ACCENT   SEATING   DISPLAY   CEILING

ACCENT   SEATING   DISPLAY   CEILING

LUTRON®

8
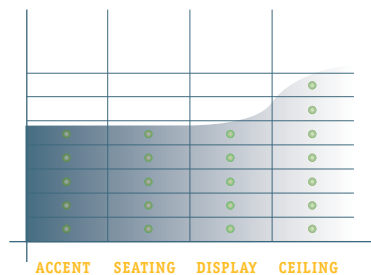
GRAFIK 3000® SERIES
MODEL NUMBERS

GRAFIK Eye®/GRAFIK Integrale™ Control Units have both a maximum power capacity limit per zone and a maximum power capacity limit per unit. Each zone cannot exceed the total Watts/VA listed below, and each unit cannot exceed the total Watts/VA outlined in the chart below. However, the maximum unit capacity can be allocated among each individual zone in the unit.

For example, on a 4-zone unit at 230V with a maximum zone capacity of 800W and a maximum unit capacity of 2300W, some zones will not reach the individual zone maximum because the total unit maximum cannot exceed 2300W. Check total unit maximums before ordering Model Nos.
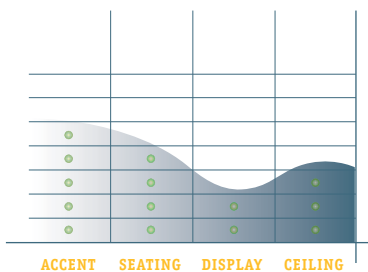
SYSTEM CAPABILITIES

Link up to 8 Control Units for up to 32 zones of control (Grafik Integrale) and 48 zones of control (Grafik Eye)

16 programmable scenes plus Off per Control Unit, 128 scenes plus Off per system

Maximum of 16 accessory Wallstations per system

	MODEL NO.	NO. OF ZONES	WALLBOX SIZE*	MAXIMUM WATTS 230V (-CE)	MAXIMUM WATTS 120V**
GRAFIK Integrale- Available Model For All Sources	**GXI-3104-**	**4**	**200mm X 95mm**	**2300**	**–**
GRAFIK Eye - Available Models For Incandescent Only	*GRX-3102-* GRX-3502-	*2*	*200mm X 95mm*	*1600*	*1200*
	GRX-3103- GRX-3503-	*3*	*200mm X 95mm*	*2300*	*1500*
	GRX-3104- GRX-3504-	*4*	*200mm X 95mm*	*2300*	*2000*
	GRX-3106- GRX-3506-	*6*	*200mm X 95mm*	*2300*	*2000*

Individual Zone Maximums

Voltage	Zone Capacity
230V	3.5A/800W/VA†
120V	6.7A/800W/VA

* Mount in Lutron multiple gang wallbox, 70mm (2.75") deep minimum, 89mm (3.5") deep recommended. Supplied with product.

** For 120V applications, Control Unit dimensions are: 2 zone unit– 123mm (4.9375") x 46mm (1.8125")
3 zone unit– 168mm (6.6875") x 92mm (3.625")
4 zone unit– 208mm (8.3125") x 138mm (5.4375")

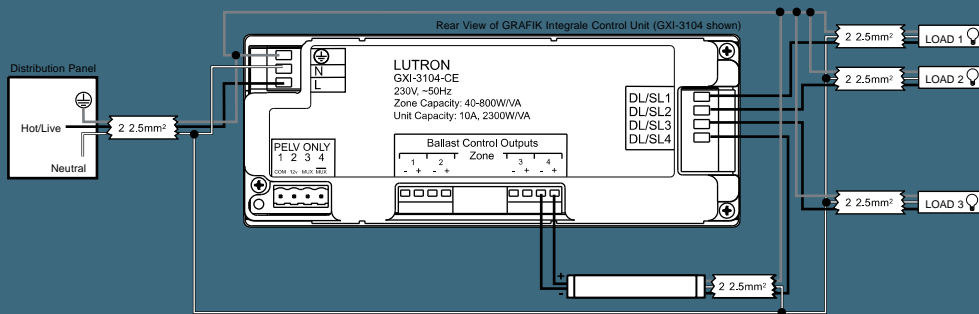† 20 Ballast Maximum for fluorescent loads

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GRAFIK EYE 3500 MODELS Offer the precision of setting light levels in 1% increments and can be programmed at the Control Unit or from a PC or laptop with Lutron's Liaison™ Software

GRAFIK 3000® SERIES
WIRING DIAGRAMS

CONTROL UNIT WIRING

Rear View of GRAFIK Integrale Control Unit (GXI-3104 shown)

Distribution Panel

Hot/Live

2 2.5mm²

Neutral

LUTRON
GXI-3104-CE
230V, ~50Hz
Zone Capacity: 40-800W/VA
Unit Capacity: 10A, 2300W/VA

N
L

PELV ONLY
1 2 3 4
COM 12v MUX MUX

Ballast Control Outputs
Zone
1   2   3   4
- + - +   - + - +

DL/SL1
DL/SL2
DL/SL3
DL/SL4

2 2.5mm²   LOAD 1
2 2.5mm²   LOAD 2
2 2.5mm²   LOAD 3

2 2.5mm²

POWER BOOSTER AND INTERFACE WIRING

Rear View of GRAFIK Integrale Control Unit (GXI-3104 shown)

Rear View of PB/ELVI

LUTRON
GXI-3104-CE
230V, ~50Hz
Zone Capacity: 40-800W/VA
Unit Capacity: 10A, 2300W/VA

N
L

PELV ONLY
1 2 3 4
COM 12v MUX MUX

Ballast Control Outputs
Zone
1   2   3   4
- + - +   - + - +

DL/SL1
DL/SL2
DL/SL3
DL/SL4

Do Not Use
Hot/Live
Earth/Ground
Zone Out
Zone In
Neutral N
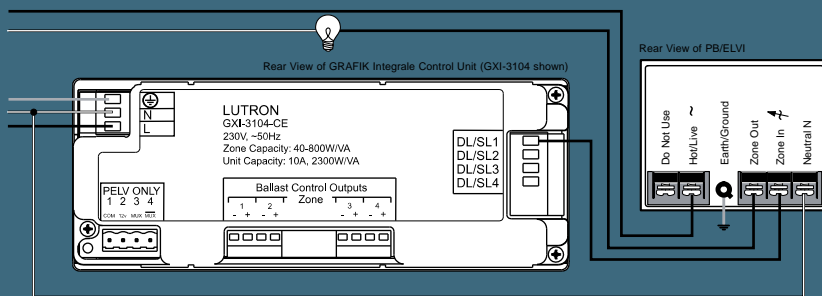
GRX-TVI(0-10V) BOOSTER WIRING

Rear View of GRAFIK Integrale Control Unit (GXI-3104 shown)

GRX-TVI

LUTRON
GXI-3104-CE
230V, ~50Hz
Zone Capacity: 40-800W/VA
Unit Capacity: 10A, 2300W/VA

N
L

PELV ONLY
1 2 3 4
COM 12v MUX MUX

Ballast Control Outputs
Zone
1   2   3   4
- + - +   - + - +

DL/SL1
DL/SL2
DL/SL3
DL/SL4

L2/H2 220-240V
Not Used
N2
DL2/DH2
L1/H1
N1
N1
SL1/SH1
0-10 Volt

Distribution Panel

Hot/Live

Neutral N

SYSTEM WIRING

Rear View of GRAFIK Integrale Control Unit (GXI-3104 shown)

LUTRON
GXI-3104-CE
230V, ~50Hz
Zone Capacity: 40-800W/VA
Unit Capacity: 10A, 2300W/VA

N
L

PELV ONLY
1 2 3 4
COM 12v MUX MUX

Ballast Control Outputs
Zone
1   2   3   4
- + - +   - + - +

DL/SL1
DL/SL2
DL/SL3
DL/SL4

Accessory Control
(Maximum of 16)

Accessory Control
(Maximum of 16)

Accessory Control
(Maximum of 16)

1 2 3 4 5   1 2 3 4 5   1 2 3 4 5

4   4   4
3   3   3
2   2   2
1   1   1

Lutron Cable GRX-CBL-346S or Twisted Pair

EXPAND THE POSSIBILITIES OF YOUR SYSTEM

Ceiling-Mounted Photosensor

Infrared Remote Control

RS232 Interface

DMX512 Interface

DAYLIGHT CONTROL/ ENERGY SAVINGS

Select preset scenes automatically in response to ambient daylight to achieve optimal light levels and energy savings. Best suited for areas with large windows or skylights, such as atriums, perimeter office spaces, malls, and classrooms.

WIRELESS CONTROL

Add control flexibility in a space from an Infrared Wireless Remote Control. Ideal for lecture halls, conference rooms, and home cinemas.

TOUCHSCREEN/ CENTRALIZED CONTROL

Integrate GRAFIK 3000 Series with user-supplied PC or digital AV equipment for seamless one-touch control. Select preset light scenes, dim or brighten lights, monitor system status, and receive button feedback. Ideal for conference rooms, home cinemas and video conferencing rooms.

DMX INTEGRATION

Control DMX, fiber optic, and LED fixtures when these fixtures are incorporated in an architectural lighting plan.

seeTouch™ Wallstation

PRG Interface

AV Interface

Partition Control

BACK LIT, ENGRAVED WALLSTATIONS

Large buttons and a variety of engraving options—including backlit characters—in Lutron's seeTouch™ series of controls offers easy-to-use functionality and additional control points in a space. Ideal for darkened rooms such as AV presentation rooms and home cinemas.

TIME SCHEDULING

Turn lights on and off automatically based on a user-defined schedule. Base events on time-of-day or on sunrise and sunset. Ideal for office spaces, restaurants, retail spaces, and hotels.

SEQUENCING

Create dynamic lighting effects by continuously cycling preset lighting scenes automatically. Ideal for retail displays, store front windows, landscape lighting, artwork lighting, and museum exhibit lighting.

PARTITIONING

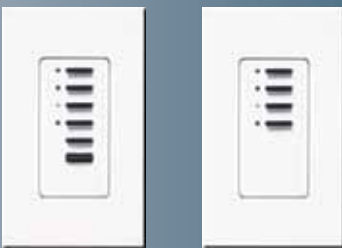Adapt lighting controls to coordinate with the status of moveable partition walls. Operate controls in each "room" independently when walls are closed or together when walls are open. Ideal for hotels, convention centers, ballrooms, and meeting rooms.

ACCESSORY CONTROLS

DESCRIPTION	FUNCTIONS
GRX-IT, GRX-8IT* Handheld Infrared Wireless Remote Control Transmitters	Controls 4 (or 8) scenes plus master raise/lower and Off. Recalls scenes or fine tunes light levels. Turns lights on or off. **Note: Not included in 16 accessory maximum.**
NTGRX-2B-SL Two-Button Entrance Control **EGRX-2B-SL** European-style Two-Button Entrance Control	Turns lights (scene 1) On or Off. Selects 2 scenes (either 1/Off, 9/10 or 13/14), partition opened/closed, panic station, sequencing, or raise/lower.
NTGRX-4S, NTGRX-4S-IR, NTGRX-4B Scene Selection Control with and without Infrared Receiver; Four-Button Control	Activates 4 scenes; master raise/lower and Off. Recalls or fine tunes light levels. Activates scenes 1-4, 5-8, 9-12, or 13-16; operates one or more GRAFIK Eye/GRAFIK Integrale Control Units. Scenes can be activated via infrared transmitter (on NTGRX-4S-IR only).
EGRX-4S, EGRX-4S-IR European-style Scene Selection Control with and without Infrared Receiver	Activates 4 scenes; master raise/lower and Off (-4S and -4S-IR only). Recalls or fine tunes light levels. Activates scenes 1-4, 5-8, 9-12, or 13-16; operates one or more GRAFIK Eye/GRAFIK Integrale Control Units. Scenes can be activated via infrared transmitter (on EGRX-4S-IR only).

* All GRAFIK Eye/GRAFIK Integrale Control Units are equipped with an IR Receiver for use with Lutron GRX-IT and GRX-8IT handheld remote controls. The IR frequency for all Control Units is 40KHz. Any other device continuously operating in the frequency range from 30KHz to 50KHz may cause either no response or unwanted scene changes on the Control Unit.

FUNCTIONS	DESCRIPTION	
Wallstations with large, rounded buttons and easy-to-read backlit engraving option; IR models available; available in one- to seven-button configurations.	**SG-2B-WH-_ , SG-4SN-WH-_** seeTouch™ Scene Selection Controls	
Activates scenes 1-4; master raise/lower and Off. Recalls or fine tunes light levels. Ideal for door jambs. Operates one or more GRAFIK Eye/GRAFIK Integrale Control Units. For Architrave with clear finish option, order GRX-4S-DW-ACR-WH.	**GRX-4S-DW** Architrave™ Door Jamb Control, Wide	**CLEAR**
NTGRX-4M activates scene 1 or Off for up to eight GRAFIK Eye/GRAFIK Integrale Control Units, and all On or all Off. NTGRX-4PS provides 4 buttons to operate selected GRAFIK Eye/GRAFIK Integrale Control Units independently, or in combination to reflect partition status.	**NTGRX-4M, NTGRX-4PS** Master Control; Partition Control	
Provides access to scenes 1-4 or 5-8 based on external contact closure (example: to control partitioned spaces).	**NTGRX-SI4S-IR** Infrared Receiver/Scene Control/Switch Interface	
Recalls preset light levels for eight scenes (1-8, 5-12, 9-16, or 13-4) plus Off; fine-tuning of light levels with master raise/lower buttons; operates one or more GRAFIK Eye/GRAFIK Integrale Control Units; scenes can be activated via infrared transmitter (on EGRX-8S-IR only).	**EGRX-8S-, EGRX-8S-IR** European-style, 8-Scene Selection Control, with and without Infrared Receiver	

DESCRIPTION	FUNCTIONS
GRX-KP5 5-Button Scene Selection Control with Slim Buttons	Recalls preset light levels for 4 scenes (1-4 or 6-9) plus Off with fine-tuning or 5 scenes (1-5 or 6-10) plus Off with Full On (Scene 16); amber status LEDs standard.
GRX-KP-10 10-Button Scene Selection Control with Slim Buttons	Recalls preset light levels for 9 scenes (1-9 or 6-14) plus Off with fine-tuning or 10 scenes (1-10 or 6-15) plus Off with Full On (Scene 16); amber status LEDs standard.
GRX-KP-15 15-Button Scene Selection Control with Slim Buttons	Recalls preset light levels for scenes 1-14 plus Off with fine-tuning or scenes 1-15 plus Off with Full On (Scene 16); amber status LEDs standard.
GRX-LB6 6-Button Scene Selection Control with Large Buttons	Recalls preset light levels for 3 scenes (1-3 or 9-11) plus Off with fine-tuning of light levels or 5 scenes (1-5 or 9-13) plus Off; amber status LEDs standard.
GRX-LB9 9-Button Scene Selection Control with Large Buttons	Recalls preset light levels for 6 scenes (1-6 or 9-14) plus Off with fine-tuning of light levels or 8 scenes (1-8 or 9-16) plus Off; amber status LEDs standard.

Note: GRAFIK Eye/GRAFIK Integrale Specification Submittal Sheets are available for downloading/printing on Lutron's website, www.lutron.com.

FUNCTIONS	DESCRIPTION	
Two-way interface between GRAFIK Eye/GRAFIK Integrale Controls and contact-closure devices (A/V systems, timeclocks, security systems, occupant sensors, etc.)	**GRX-AV** Contact Closure Interface	
Integrates GRAFIK Eye/GRAFIK Integrale Controls with user-supplied PC or digital A/V equipment.	**GRX-RS232** RS232 Interface	
For use with GRX-3500. Integrates GRAFIK Eye/ GRAFIK Integrale Controls with user-supplied PC or digital A/V equipment. Features built-in astronomic timeclock — 4 schedules/60 events per schedule.	**GRX-PRG** Programmer Interface	
Increases single zone load capacity for incandescent, magnetic low voltage, neon/cold cathode sources. 1200W per zone flush mount (with face plate), 1840W surface mount (without face plate) @230V for CE; 1920W @120V.	**NGRX-PB** Power Booster	
Increases single zone load capacity for electronic low voltage sources. 1000W per zone @230V for CE and 1000W @120V.	**GRX-ELVI** Electronic Low Voltage Power Booster	
Permits GRAFIK Eye/GRAFIK Integrale Controls to automatically select preset lighting scenes in response to available daylight (measured by MW-PS photo sensor – ordered separately) for optimum light levels and energy savings.	**GRX-DACPI** Automatic Daylight Control **MW-PS** Photo Sensor	**MW-PS**
Provides remote infrared wireless control to GRAFIK Eye/GRAFIK Integrale Control Units. Functions with handheld transmitters and operates one or more GRAFIK Eye/ GRAFIK Integrale Control Units.	**GRX-CIR** Ceiling Mounted Infrared Receiver	

For a specific Model No. in the Grafik Eye (GRX) Series, place a 1 or 5 in the blank space, i.e. GRX-3**1**04.

MODEL NO.	A	B
GXI-3104	208mm (8.3125")	138mm (5.4375")
GRX-3_02†	208mm (8.3125")	138mm (5.4375")
GRX-3_03†	208mm (8.3125")	138mm (5.4375")
GRX-3_04	208mm (8.3125")	138mm (5.4375")
GRX-3_06	208mm (8.3125")	138mm (5.4375")
GRX-DACPI	208mm (8.3125")	138mm (5.4375")

† For 120V applications, Control Unit dimensions
  are: 2 zone unit– 123mm (4.9375") x 46mm (1.8125")
  3 zone unit– 168mm (6.6875") x 92mm (3.625")
  4 zone unit– 208mm (8.3125") x 138mm (5.4375")

* For faceplate width size add 16mm (5/8") to dimension A.

Main Control Unit
GXI-3104–Mounts in U.S. four-gang wallbox (200mm X 95mm) 70mm (2.75") deep minimum, 89mm (3.5") deep recommended.

GRX-3000–Mounts in U.S. 4-gang wallbox (200mm X 95mm), 70mm (2.75") deep minimum, 89mm (3.5") deep recommended.

Automatic Daylight Control (GRX-DACPI)
Mount in Lutron-supplied wallbox.

Spacing Requirements
If multiple GRAFIK Eye/GRAFIK Integrale Control Units and/or Power Boosters are mounted one above the other, a space of 12cm (4.5") minimum must be allowed between the faceplates. If mounted in an electrical enclosure, consult Lutron.


Shown without faceplate*   A

85mm (3 5/16")   B

Shown with faceplate

116mm (4 9/16")

8mm (5/16")   50mm (2")
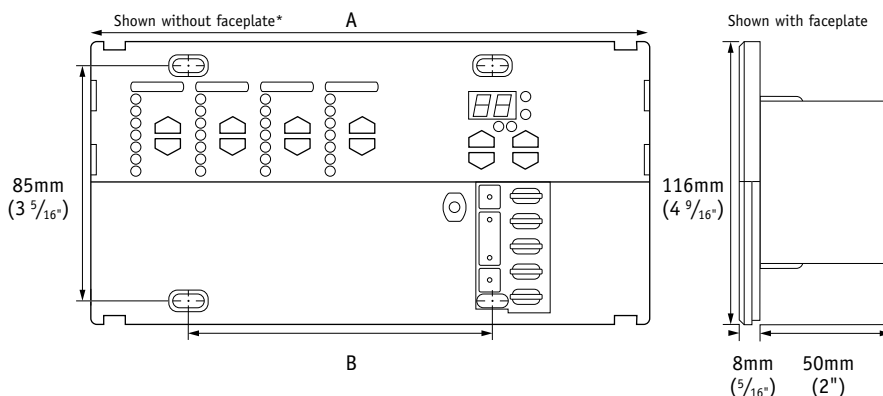
DIMENSIONS AND

FIG.	MODEL NO.	A	B	C	D
1	EGRX-4S-IR,-4S, -2B-SL,-8S-IR, -8S	86mm (3.38")	86mm (3.38")	13mm (.5")	10mm (.375")
2	NTGRX-2B-SL NTGRX-4S, -4B, -4SIR NTGRX-4M NTGRX-4PS	70mm (2.75")	116mm (4.5625")	8mm (.3125")	29mm (1.13")
3	seeTouch™ Wallstations	70mm (2.75")	116mm (4.5625")	7.6mm (.30")	36mm (1.39")
4	GRX-LB6 GRX-KP5 GRX-KP10	70mm (2.75")	114mm (4.50")	9mm (0.35")	29mm (1.16")
5	GRX-KP15 GRX-LB9	114mm (4.50")	114mm (4.50")	9mm (0.35")	29mm (1.16")
6	GRX-4S-DW	44mm (1.75")	114mm (4.5")	6mm (.25")	35mm (1.375")
7	GRX-4S-DN	38mm (1.50")	131mm (5.16")	3mm (0.13")	31mm (1.19")
8	NGRX-PB GRX-FDBI/ELVI	116mm (4.5625")	116mm (4.5625")	17mm (.6875")	48mm (1.875")
9	GRX-AV, GRX-RS232, GRX-PRG	127mm (5")	197mm (7.75")	64mm (2.5")	—

MOUNTING NOTES:
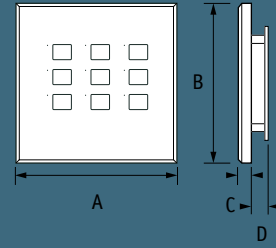
(1) Mounts in U.S. single-gang wallbox 70mm (2.75") deep minimum, 89mm (3.5") deep recommended (Lutron Part No. SB-1G).

(2) Lutron supplies backbox (Part No. 241-399).

(3) Mounts on U.S. 102 x 102mm (4"x4") junction box (Lutron Part No. 241-496).

(4) Mounts in U.S. two-gang wallbox; 70mm (2.75") deep minimum, 89mm (3.5") deep recommended. (Two each of Lutron Part No. SB-1G).

LUTRON®

FIG. 1
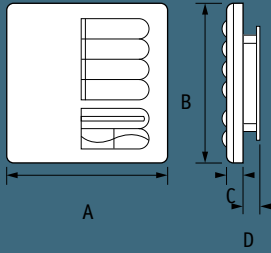
European-style Wallstation (EGRX-4S-IR shown)
Mount in single-gang UK/German wallbox.

FIG. 2

Single-gang Scene Selection Control (NTGRX-4S shown)
Mount in U.S. wallbox. (1)

MOUNTING

FIG. 3

seeTouch (SG-4SN-WH-_ shown)
Mount in U.S. wallbox. (1)

FIG. 4

**Single-gang Scene Selection Control
with Large or Slim Buttons (GRX-LB6 shown)**
Mount in U.S. wallbox. (1)

FIG. 5

**2-gang Scene Selection Control
with Large or Slim Buttons (GRX-LB9 shown)**
Mount in U.S. wallbox. (4)

FIG. 6
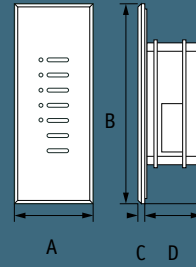
Architrave Door Jamb Control–Wide (GRX-4S-DW)
Mounts directly in door jamb. (2)

FIG. 7
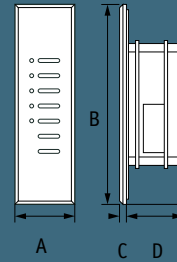
Architrave Door Jamb Control–Narrow (GRX-4S-DN)
Mounts directly in door jamb. (2)

FIG. 8
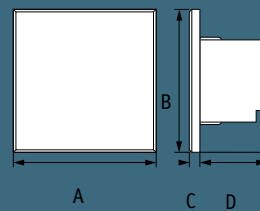
Power Booster (NGRX-PB, NGRX-ELVI)
Mount in U.S. wallbox. (4)

FIG. 9
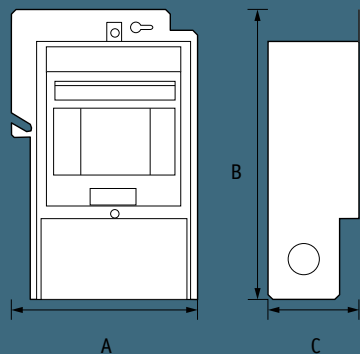
Interface Control (GRX-AV, -PRG, -RS232)
Mounts on 102mm (4") -square utility box. (3)

SEE INSTRUCTION SHEETS FOR DETAILS

GRAFIK 3000® SERIES
SPECIFICATIONS

GENERAL SPECIFICATIONS

• The entire lighting control system shall be CE, U.L., or CSA marked as appropriate. Manufacturer shall maintain ISO 9001 certification. Dimming system shall be covered by a minimum one-year warranty from time of purchase.

• Manufacturer shall be capable of providing on-site service support as required.

• Premium Temperature Margins: Panels operate at a minimum of 20 degrees Celsius below the power conducting component temperature rating. Electronic components live twice as long for every 10 degrees Celsius below the rating at which they operate both increasing semiconductor reliability and ensuring the system's design life span.

KEY PERFORMANCE FEATURES FOR SYSTEM COMPONENTS

LUTRON Quality Systems Registered to ISO 9001 • Safety standards listed above apply to one or more products in the GRAFIK 3000® product line.

CONTROL UNIT

- Programming of preset scenes shall be accomplished without the use of an Enter or Store button.

- Control Units shall incorporate built-in wide angle Infrared Receiver, providing control via a separate Wireless Remote Control Transmitter from up to 50 feet away.

- Preset lighting control shall be designed to withstand a short, as detailed in IEC/EN 60699-2-1 for abnormal conditions, between load hot and either neutral or ground without damage.

- Preset dimming control shall include RTISS$_{TM}$ (Real Time Illumination Stability System) filter circuit technology to compensate for incoming line voltage variations so that there is no visible flicker with a +/- 2% change in RMS voltage/cycle and a +/- 2% Hz change in frequency/second.

- Preset dimming control shall incorporate an airgap switch relay that shall be accessible without removing the faceplate.

- Preset dimming control shall meet ANSI/IEEE Std. C62.41©1980, tested to withstand voltage surges of up to 6000V and current surges of up to 200A without damage.

- Preset dimming control shall provide power failure memory.

- Faceplate shall attach using no visible means of attachment.

GRAFIK Integrale$_{TM}$ Only

- *Preset dimming control shall be capable of operating the following sources / load types with a smooth continuous square law dimming curve without the requirement of an interface: Electronic Low Voltage Transformer, Tungsten/Halogen, Magnetic Low Voltage, 0-10V, DALI, and DSI signal-driven sources.*

- *Preset lighting control shall have a resettable overload protection that automatically shuts off when dimmer capacity is exceeded. Protection methods that are non-resettable or require the device to be removed from the wall or need replacement parts to reset shall not be acceptable.*

ACCESSORIES

- Four-Scene Control(s) shall be capable of recalling any one of four scenes and off, plus master raise/lower. Control shall provide access for up to 16 scenes.

- Wireless Infrared Transmitter(s) shall be capable of recalling any one of four preset scenes and off. In addition, a master raise/ lower shall be provided. The transmitter shall be manufactured by the dimming system manufacturer. The range of the transmitter to any single receiver shall be at least 50 feet.

- System should employ common architecture for products, accessories and user interface.

WHITE	WH	
BEIGE	BE	
IVORY	IV	
GRAY	GR	
BROWN	BR	
BLACK	BL	
SATIN BRASS	SB	
BRIGHT BRASS	BB	
ANTIQUE BRASS	QB	
ANTIQUE BRONZE	QZ	
BRIGHT CHROME	BC	
SATIN CHROME	SC	
SATIN NICKEL	SN	
BRIGHT NICKEL	BN	
CLEAR ANODIZED ALUMINUM	CLA	
BLACK ANODIZED ALUMINUM	BLA	
BRASS ANODIZED ALUMINUM	BRA	

Due to printing limitations, colour swatches may not be exact.

HOW TO ORDER
COLOURS, FINISHES AND ENGRAVING

Choice of translucent or opaque cover.

Engrave scene name beneath each button, i.e. Room Setup, General Meeting, A/V Presentation, etc.

Your company name or logo here.

Choice of six distinct colours and three metallic/metal finishes.

LUTRON

* Example: Model GRX-3104-T-BC shown above

When ordering a GRAFIK Eye® or Grafik Integrale™ Control Unit, add the appropriate code suffix to all model numbers for colour choice and global power requirements.

The Control Unit Cover can be specified as either (T) for Translucent Black or (A) for Opaque to match the colour of the Control Unit base. (Note: When specifying the cover as Opaque, the LEDs cannot be viewed through the front cover.)

All 230V GRAFIK Eye/GRAFIK Integrale model numbers require that the code CE be added as the suffix.

For example, when ordering a four-zone GRAFIK Integrale Control Unit with a Satin Nickel finish and a translucent cover in 230V, order GXI-3104-T-CE-SN.

When ordering a GRAFIK Eye 120V 6-zone Control Unit with a Opaque Cover (A) to match a White base (WH), the model number would be GRX-3104-A-WH.

Consult your Lutron representative for help in ordering custom finishes and engraving options.

Engraving is available in the following typestyles:

HELVETICA BOLD

ROMAN BLOCK

GOTHIC

Engraving is available in the following colours:

White, Beige, Black, Brown, Gray

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SERVICE AND SUPPORT

Lighting control application engineers are available 24 hours/7 days a week to assist you.
For help with application, layout, or installation, call the Lutron office near you.

Lutron's STAR Program provides the assurance that every Lutron product and system is backed by Lutron's commitment to quality, service and performance. Ask about Lutron's 8-year Replacement Parts Program.

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