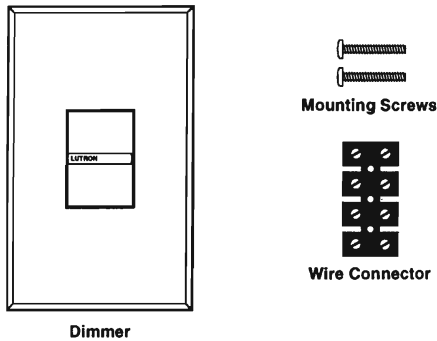


Package Contents



Important Notes

1. READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.
2. Use with Lutron's Hi-lume FDB-Series Electronic Fluorescent Dimming Ballasts only. See Ballast Selection chart on back. Do not use with other ballasts.
3. Nova T* controls are designed to control circuits that are wired live/active to neutral.
4. Dimmers will not operate on DC current. To avoid overheating and possible damage to other equipment, do not use to control receptacles, motor-operated appliances, or transformer-supplied appliances.
5. In multi-phase applications, use a separate neutral for each dimming circuit.
6. Install in accordance with all applicable wiring regulations.
7. Dimmer may feel warm to the touch during normal operation.
8. Controls are designed to operate in ambient temperatures from 0°C and 40°C (32°F to 104°F). Allow a minimum of 11.5cm (4-1/2") of free space above and below the control for proper heat dissipation.
9. Use only with lamps listed on the label of the ballast. Compact fluorescent lamps must have four pins for dimming.
10. Check new installations for shorts by connecting a standard switch instead of a dimmer. Warranty is void if dimmer is operated with a short circuit.
11. Do not use with 3-Way or 4-Way switches.
12. Faceplate Cleaning: Do not use ammonia-based cleaners. Use mild cleaner with a damp cloth for best results.

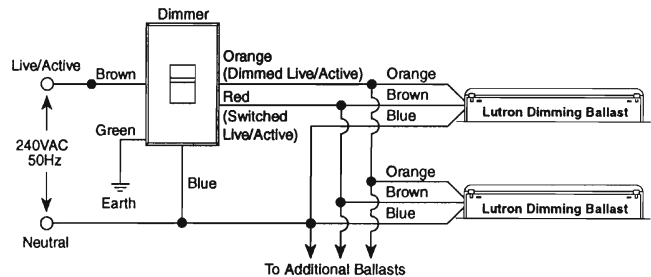
Installation

If more than one control is to be installed in the same wallbox or adjacent wallboxes, review the Multi-unit Installation section on back before beginning.

1. Turn power OFF at fusebox or circuit breaker.
WARNING: Wiring with power on may result in serious personal injury and in damage to the control or other equipment. Damage to this product caused by wiring with power on voids the warranty.
2. Remove faceplate from control. Pull from top of faceplate to remove. Unscrew adapter plate. Set aside.
3. Strip insulation or trim all wires to 6mm (1/4").

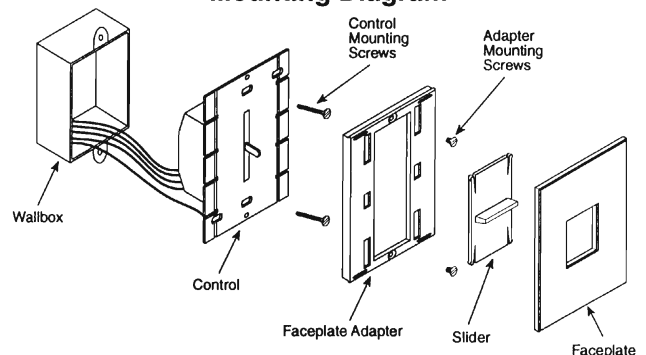


4. Using wire connector provided, connect green dimmer wire to earth connection in wallbox. Connect the brown dimmer wire to the live/active lead of mains supply. Connect the red dimmer wire to the switched live/active wire. Connect the orange dimmer wire to the dimmed live/active wire. Connect the blue dimmer wire to the neutral. See Wiring Diagram below.



5. Push wires into wallbox. Be careful not to pinch wires.
6. Mount dimmer to wallbox using screws provided (see Mounting Diagram below). Dimmer must be mounted vertically.
7. Screw on adapter plate, attach slider, and snap faceplate into place.
8. Turn power ON.

Mounting Diagram



Low End Light Level Adjustment

This unit is factory-calibrated and does not normally require low-end light adjustment. If lamps flicker or drop out at minimum dimming level there may be an installation error or the low-end light level may need to be reset. Continued use of the system in this mode will cause premature lamp failure. If this condition exists, call **LUTRON** at: 0800 282107 or 0171 712 0657 (U.K.); (610) 282-3800 (U.S.A.)

Colour Options

The standard Nova T* colour is white. Faceplates are also available in: ivory (IV), beige (BE), gray (GR), brown (BR), and black (BL). Order by adding the colour abbreviation after the model number.

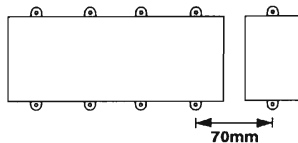
Multi-unit Installation

Multiple controls can be installed in a common gangable wallbox or a series of interconnected wallboxes for a clean, consolidated appearance. Lutron multigang faceplates are available to complete the installation. Refer to instruction sheet supplied with multigang faceplates for installation.

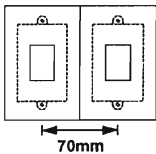
Wallbox Requirement Chart

Number of controls:	1	2*	3	4*	5	6*
Wallboxes needed:	1	1+1	4	1+4	7	1+7

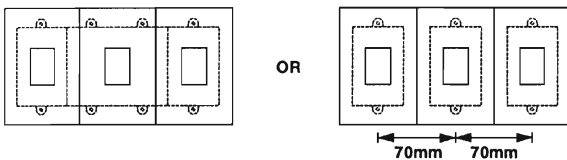
* When ganging an even number of controls, one wallbox must be spaced from the others to provide necessary clearance for faceplates (see below).



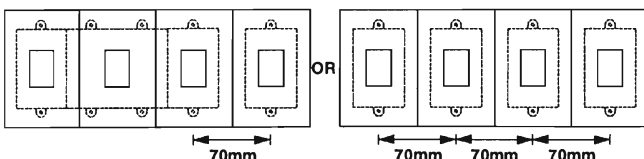
2-unit



3-unit



4-unit



Ballast Selection Chart

Lamp Wattage	Lamp Length	Lamps per Ballast	Ballast Wattage	Ballast Current	Ballast Model Number
Compact Fluorescent					
18W	TC-D/E	1	23W	.11A	FDB-CF-18-240-1-E
18W	TC-D/E	2	39W	.18A	FDB-CF-18-240-2-E
26W	TC-D/E	1	28W	.13A	FDB-CF-26-240-1-E
26W	TC-D/E	2	50W	.23A	FDB-CF-26-240-2-E
36W	TC-L	1	39W	.18A	FDB-CFL36-240-1-E
36W	TC-L	2	70W	.32A	FDB-CFL36-240-2-E
26mm Linear Fluorescent					
18W	600mm	1	29W	.13A	FDB-0626-240-1-E
18W	600mm	2	46W	.21A	FDB-0626-240-2-E
36W	1200mm	1	43W	.20A	FDB-1226-240-1-E
36W	1200mm	2	79W	.36A	FDB-1226-240-2-E
58W	1500mm	1	63W	.29A	FDB-1526-240-1-E
58W	1500mm	2	100W	.46A	FDB-1526-240-2-E
70W	1800mm	1	67W	.31A	FDB-1826-240-1-E

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Warranty

Lutron EA warrants each new unit to be free from defects in materials and workmanship and to perform under normal use and service. This warranty shall run only for a period of one year from the date of purchase and Lutron's obligations under this warranty are limited to remedying any defect or replacing any defective part and shall be effective only if the defective unit is shipped to Lutron EA postage prepaid within 12 months after purchase. Damage due to abuse, misuse, inadequate wiring or insulation is not covered by this warranty.

In no event shall Lutron or any other seller be liable for any other loss or damage, including consequential or special damages that may arise through the use by a purchaser or others of this device and the purchaser assumes and will hold harmless Lutron in respect of all such loss.

LUTRON®

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