

Overview

The following tables shows the equipment needed (and load capacity per zone) to dim specific sources with a GRAFIK Eye 3000 Series Control Unit(s).

SOURCE	VOLTAGE	BALLAST TYPE	EQUIPMENT NEEDED	LOAD PER ZONE (of GRAFIK Eye Control Unit)
Incandescent	120V	N/A	Directly through GRAFIK Eye Control Unit	25W - 800W
			NGRX-PB	25W - 1920W (16A)
			HP 2-4-6 Dimming System	50W - 28800W
Magnetic Low Voltage	120V	N/A	Directly through GRAFIK Eye Control Unit	25VA - 800VA
			NGRX-PB	25VA - 1920VA (16A)
			HP 2-4-6 Dimming System	50VA - 28800VA
	277V	N/A	HP 2-4-6 Dimming System	50VA - 66480VA
Neon/Cold Cathode	120V	N/A	Directly through GRAFIK Eye Control Unit	25VA - 800VA
			HP 2-4-6 Dimming System	50VA - 28800VA
			NGRX-PB	25VA - 1920VA (16A)
Electronic Low Voltage	120V	N/A	GRX-ELVI	25VA - 1000VA
			HP 2-4-6 Dimming System	50VA - 28800VA

SOURCE	VOLTAGE	BALLAST TYPE	EQUIPMENT NEEDED	LOAD PER ZONE (of GRAFIK Eye Control Unit)
Fluorescent	120V	Tu-Wire (32W, 4 Pin, single compact fluorescent lamp)	Directly through GRAFIK Eye Control Unit	25VA - 800VA (1-20 Ballasts)
		Hi-Lume, ECO-10 or Tu-Wire	GRX-FDBI	25VA - 1920VA (16A)
		Hi-Lume, ECO-10 or Tu-Wire	HP 2-4-6 Dimming System	50VA - 28800VA
		0-10v TVE Ballasts	GRX-TVI	25VA - 1920VA (16A) (1-150 Ballasts)
	277V	Hi-Lume or ECO-10	HP 2-4-6 Dimming System	50VA - 66480VA
		0-10v TVE Ballasts	GRX-TVI	25VA - 4432VA (16A) (1-150 Ballasts)

NOTE 1: Each unit of the NGRX-PB, GRX-ELVI, GRX-FDBI, and the HP 2-4-6 Dimming System draws 0.25A (30W @120V). Therefore, the GRAFIK Eye Control Unit(s)'s capacity must be reduced by 0.25A for every unit used.

NOTE 2: When using the HP 2-4-6 Dimming System, the load for the assigned Zone on the GRAFIK Eye Control Unit should be set to be Incandescent. Additionally, the High and Low End Trim should be set on the HP Dimming Panel.

NOTE 3: All fluorescent lamps must be operated (seasoned) at full intensity for 100 hours to achieve optimum dimming performance. For best performance, use only Lutron Ballasts with Lutron Controls.

Additional Information

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