

# DEMANDflex™ Ballasts

ENERGY EFFICIENT DEMAND CONTROL LIGHTING

## Applications:

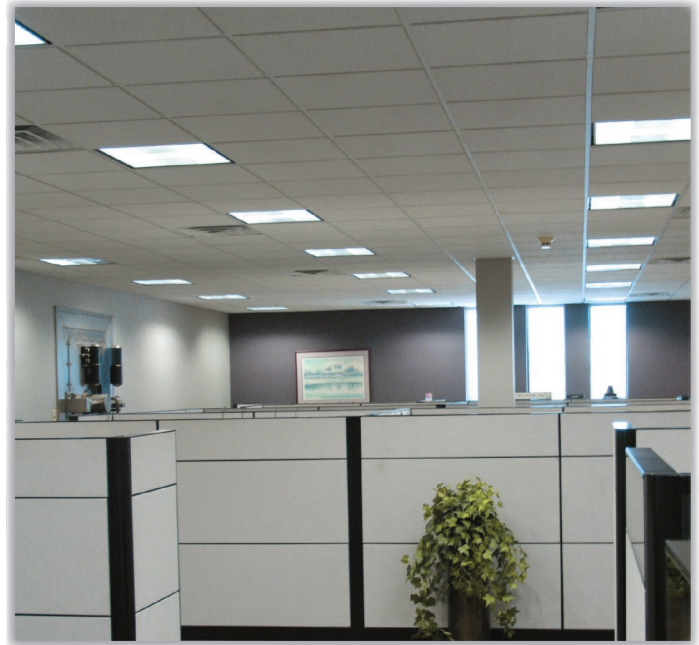
Office Buildings  
Warehouse Facilities  
Schools  
Health Care  
Retail

# DEMANDflex™

**DEMANDflex™ ballasts** are high efficiency program start ballasts with the flexibility to be tuned at the circuit level to set power levels during initial installation. When combined with DCL® controls, they are part of the most cost-effective lighting energy management system available. Install **DEMANDflex™** ballasts now for immediate energy savings and have the option to add DCL® controls to further decrease your energy costs.

### FEATURES & BENEFITS

- Power level tuning
  - o Set the circuit power level at installation
  - o Typical 10 to 15% power reduction
- Installs the same as standard ballasts
  - o No control wires necessary
  - o Standard footprint
- Universal input voltage (120-277v)
- High efficiency program start operation
  - o Exceeds CEE requirements
  - o Compatible with occupancy sensors



### Why DEMANDflex™? Why Now?

The **DEMANDflex™** ballast technology allows for two distinct cost savings opportunities, one with an immediate effect and the other offering further energy savings at a later date.

**Energy Savings #1**—Ability to tune the ballast factor at install allowing you to properly light spaces and increase energy savings

The tuning process allows up to a 50% reduction in power levels and is fully adjustable at any time in the future.

**DEMANDflex™** program start ballasts are also compatible with occupancy sensors to further increase your energy savings.

### 3-Lamp Fixture Savings Example

Tuning the power level of the **DEMANDflex™** ballast to the amount needed by the application maximizes energy savings

Occupancy sensors can reduce energy consumption from 10 to 40% depending on the application.

**DEMANDflex™** program start technology maintains lamp life with occupancy sensor applications for maximum system savings and performance.

Ballast Type	Lamp Type	Input Power	Annual Operating Costs	Annual Savings Over Magnetic	Occupancy Sensor Savings	Potential Total Savings per Fixture Over Magnetic
Magnetic Ballast	F34T12	118	\$47.20	-	-	-
Instant Start Electronic	F32T8	86	\$34.40	\$12.80	n/a	\$12.80
<b>DEMANDflex™</b> No Tuning	F32T8	85	\$34.00	\$13.20	\$5.16	\$18.36
<b>DEMANDflex™</b> Tuned 15%	F32T8	73	\$29.20	\$18.00	\$4.38	\$22.38
\$0.10 Utility Rate (\$/kwh)		4,000 Annual Operating Hours		15% Occupancy Sensor Savings		

**Energy Savings #2**—Compatibility with Universal Lighting Technologies DCL® control system

This simple addition can be made at any time and will allow the facility to take full advantage of Utility Companies' Demand Response Programs and / or allow control of your lighting to avoid peak demand charges.

With payback periods comparable with other high efficiency program start ballasts and the superior savings per fixture, **DEMANDflex™** is the ideal choice for your new fixture / retrofit needs. Increased savings today and the ability to participate in Demand Response Programs and full building control by simply adding the DCL® control system – No other ballast system offers you this cost savings flexibility.



# DEMANDflex™ Ballasts

## T8 Ballasts

		"Max. Power (Watts)"		"Max. Current (Amps)"		Ballast Factor (Max)	Min. Power (Watts)		Ballast Factor (Min.)	Case Style	Wiring Dia.
		120	277	120	277		120	277			
(2) F32T8	B232PUNVDR-A	57	56	.47	.20	0.87	28	28	0.35	A	2a
(2) F32T8	B232PUNVDRH-A	75	73	.62	.26	1.15	37	36	0.50	A	2a
(3) F32T8	B332PUNVDR-A	85	83	.70	.30	0.87	42	41	0.35	A	3a
(3) F32T8	B332PUNVDRH-E	115	111	.95	.41	1.15	57	55	0.50	E	3b
(4) F32T8	B432PUNVDR-E	116	112	.96	.41	0.88	58	56	0.35	E	4a

## T5HO Ballasts

(2) F54T5HO	B254PUNVDR-D	120	120	1.00	.43	1.00	60	60	0.45	D	2b
(4) F54T5HO	B454PUNVDR-E	tbd	tbd	tbd	tbd	1.00	tbd	tbd	tbd	E	4b

## T5 and TT5 Ballasts

(2) F28T5	B228PUNVDRH-D	tbd	tbd	tbd	tbd	1.15	tbd	tbd	tbd	D	2b
(2) FT40W/2G11	C240PUNVDR-A	tbd	tbd	tbd	tbd	0.88	tbd	tbd	tbd	A	2c

## Dimensions (inches)

Case Style	Length	Width	Height	Mount Length
A	9.50	1.70	1.18	8.89
D	16.88	1.18	1.00	16.20
E	16.88	1.74	1.18	16.28

## WIRING Diagrams

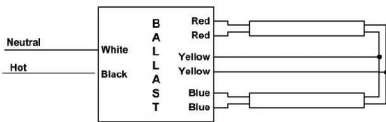


Diagram 2a

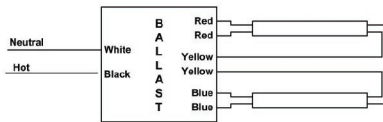


Diagram 2b

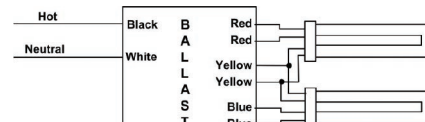


Diagram 2c

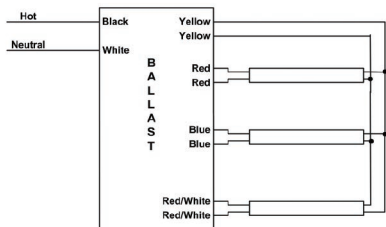


Diagram 3a

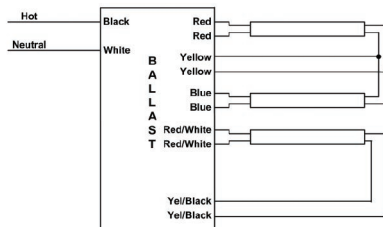


Diagram 3b

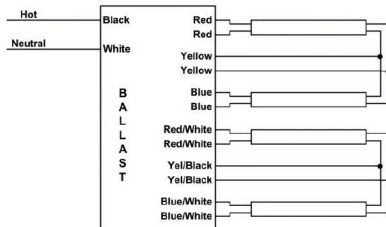


Diagram 4a

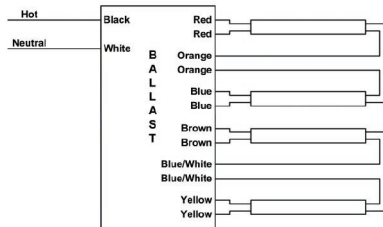


Diagram 4b

It's Easy To Reach Us...

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