

Nextek NB5353/2R

DC Fluorescent Lamp Ballast

Redefining the State-of-the-Art of Electronic Ballast

The **NEXTEK NB5353/2R** is a direct current (DC) fluorescent electronic ballast designed to fit in standard fluorescent lighting fixtures and operates one or two T8 fluorescent lamp(s). The compact, high efficiency, and low power electronic **ON/OFF** control of the durable, high performance **NB5353/2R** make it a desirable component for all fluorescent lighting applications.

Designed for optimal performance with the **NEXTEK Power Assembly (NPS-1000)**, the **NB5353/2R** can also be used with any DC electric supply within the specified voltage operating range.

Low Power Switching

The **NB5353/2R** features an optically isolated electronic **ON/OFF** control that requires only a minimal signal current. This unique feature enables remote switching without the power losses usually incurred by the wires that connect the switches to the lighting circuit.

A high level of architectural flexibility and lighting control is practical with the **NB5353/2R**. Lighted areas can be turned **ON** and **OFF** remotely with low signal cable, avoiding line voltage switches and electromechanical contactors. The **NB5353/2R** is exceptionally compatible with remote functions desirable for energy conservation, such as occupancy sensing and programmable controllers.



NB5353/2R DC Fluorescent Ballast with Low Voltage Switching cable.

In addition, when lighting requirements change, low power switching allows lighting schemes to be altered without the need for expensive materials and labor usually required for power circuit retrofits.

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Ballast Specifications



Operating Voltage: 54 VDC

Maximum Input Voltage: 60 VDC

Minimum Input Voltage: 42 VDC

Input Current: 1.0 Amp @ 54 VDC

Ballast Factor: 0.88

Crest Factor: meets ANSI

Safety Standards: UL 935

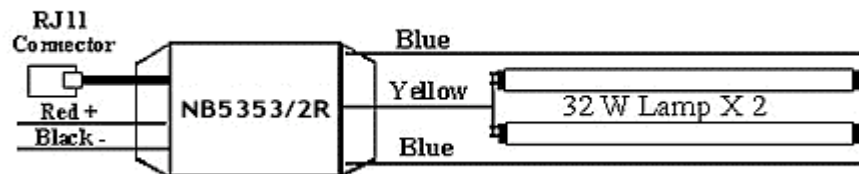
Dimensions: 2"W x 1.125"H x 3.125"L

Weight: 10.5 oz.

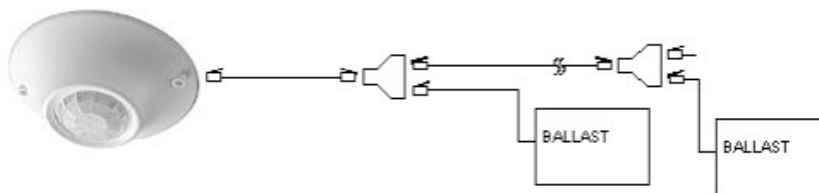
Construction: Aluminum shell with full internal potting seal

ON/OFF Control: Optically isolated signal current via standard low voltage wire (telephone cable) and an RJ11 connector.

Specifications subject to change without notice

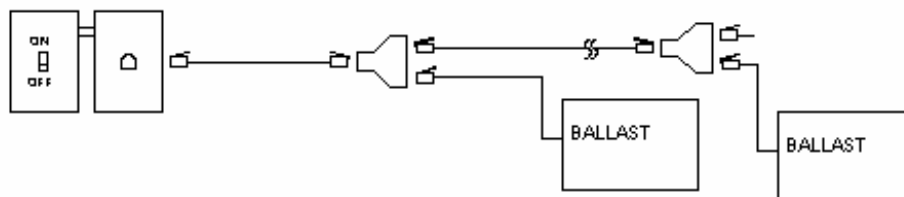


DC Ballast Wiring Diagram



Switch/Occupancy Sensor Wiring Diagrams.

Low voltage cable does not require conduit.



For more information, see www.NextekPower.com or email info@NextekPower.com

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