

Introducing the Casambi-Ready bDW Driver Series - Wireless Control, Built In

Smart, Connected, SELV-Compliant.

The Tridonic bDW PRE4 SELV range is designed to simplify the creation of connected, low-voltage luminaires. With built-in support for basicDIM Wireless, these drivers integrate seamlessly into Casambi-enabled ecosystems, enabling wireless dimming, grouping and scene control without complex wiring. Their SELV output makes them ideal for a wide range of commercial, architectural and decorative lighting applications where safety, flexibility and design freedom are essential.

SELV

W	Description	Article No.	Housing	Forward Voltage	80mA	100mA	150mA	200mA	250mA	300mA	350mA	370mA	400mA	450mA	500mA	550mA	600mA	650mA	700mA
20w	LC 20/80-500/54 bDW NF h16 PRE4	28006278	lp	Vf Min Vf Max	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 50v	15v 44v	15v 40v	-	-	-	-
35w	LC 35/150-700/54 bDW NF h16 PRE4	28006279	lp	Vf Min Vf Max	- -	- -	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 53v	15v 50v

W	Description	Article No.	Housing	Forward Voltage	350mA	370mA	400mA	450mA	500mA	550mA	600mA	650mA	700mA	750mA	800mA	850mA	900mA	950mA	1000mA	1050mA
55w	LC 55/350-1050/54 bDW NF h16 PRE4	28006280	lp	Vf Min Vf Max	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 52v

W	Description	Article No.	Housing	Forward Voltage	900mA	950mA	1000mA	1050mA	1100mA	1150mA	1200mA	1250mA	1300mA	1350mA	1400mA	1450mA	1500mA	1550mA	1600mA	1650mA	1700mA	1750mA	1800mA	1850mA	1900mA
75w	LC 75/900-1900/54 bDW NF h16 PRE4	28006281	lp	Vf Min Vf Max	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 54v	15v 53v	15v 51v	15v 50v	15v 48v	15v 46v	15v 45v	15v 44v	15v 42v	15v 41v	15v 40v	15v 39v

Key Benefits

CASAMBI Casambi-Ready bDW Dimming



Ultra-Thin lp housing – 16mm High

Your Gateway To Wireless Lighting



Why SELV?

SELV output enables safer installation, greater design flexibility and wider application possibilities—making it ideal for luminaires used in occupied, publicly accessible and design-sensitive environments.



Casambi-Compatible Kinetic Wireless Switches



Kinetic wireless switches provide an intuitive, wall-mountable control solution for Casambi-enabled lighting systems. With battery-free operation and flexible configuration through the Casambi app, they offer a simple and elegant way to add local control alongside bDW drivers in commercial, architectural and public environments.

Linear Drivers with Wireless Dimming for SELV Applications



TRIDONIC

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