

# BD™ Optical Filters

## Optimal detection of BD Horizon Brilliant™ Polymer Conjugates

### Features

Fully assembled bandpass filters and dichroic mirrors

Upgrade your instrument to use the latest fluorochromes



BD Horizon Brilliant™ Violet and Ultraviolet polymer dyes were developed from pioneering polymer dye technology. These unique dyes are brighter than conventional dyes, with equivalent background—a breakthrough in the field. The brightness of these dyes makes them particularly useful in multicolor applications for resolution of dim populations.

To take advantage of these innovative new polymer conjugates, it might be necessary to reconfigure your violet or ultraviolet laser optics with bandpass filters and dichroic mirrors that have been optimized for BD Horizon Brilliant polymer dyes. These filters are assembled in filter holders and are ready to install in your instrument. Once the filters are installed, a new instrument configuration will need to be created.

### Tools to optimize setup, selection, and performance

To help advance the use of multicolor flow cytometry, BD Biosciences offers a growing library of tools and resources relevant to both experienced researchers and those new to multicolor panel design. Find these tools at [bdbiosciences.com/colors](http://bdbiosciences.com/colors).

**Figure 1.** Optical filters are available that are suitable for BD FACSCelesta™ and BD LSRFortessa™ X-20 polygon detector arrays as well as for BD LSRFortessa™ and BD FACSAria™ product family octagon and trigon detector arrays.

Visit [bdbiosciences.com/colors](http://bdbiosciences.com/colors) for more information.

For Research Use Only.



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### BD FACSAria Product Family and BD LSRFortessa

Octagon/Trigon

Fluorochrome	Filter	Mirror	Cat. No.
BD Horizon™ BUV395	379/28	n/a	659992
BD Horizon™ BUV496	515/30	450LP	659994
BD Horizon™ BUV661	670/25	630LP	659996
BD Horizon™ BUV737	740/35	690LP	659997
BD Horizon™ BUV805	820/60	770LP	659998

Fluorochrome	Filter	Cat. No.	Mirror	Cat. No.
BD Horizon™ BV421	450/40	656738	–	–
BD Horizon™ BV510	525/50	656739	505LP	656745
BD Horizon™ BV605	610/20	656740	595LP	656746
BD Horizon™ BV650	660/20	656741	630LP	656747
BD Horizon™ BV711	710/50	656742	690LP	656748
BD Horizon™ BV786	780/60	656743	750LP	656749

### BD LSRFortessa X-20

Polygon

Fluorochrome	Filter	Mirror	Cat. No.
BD Horizon™ BUV395	379/28	n/a	660008
BD Horizon™ BUV496	515/30	450LP	660010
BD Horizon™ BUV661	670/25	630LP	660012
BD Horizon™ BUV737	740/35	690LP	660013
BD Horizon™ BUV805	820/60	770LP	660014
BD Horizon™ BV421	450/50	n/a	660015
BD Horizon™ BV510	525/50	505LP	660016
BD Horizon™ BV605	610/20	595LP	660017
BD Horizon™ BV650	670/30	655LP	660018
BD Horizon™ BV711	710/50	690LP	660019
BD Horizon™ BV786	780/60	750LP	660020

### BD FACSCelesta

Polygon

Fluorochrome	Filter	Mirror
BD Horizon™ BUV395	379/28	n/a
BD Horizon™ BUV737	740/35	690LP
BD Horizon™ BV421	450/40	n/a
BD Horizon™ BV510	525/50	505LP
BD Horizon™ BV605	610/20	595LP
BD Horizon™ BV650	670/30	655LP
BD Horizon™ BV711	710/50	690LP
BD Horizon™ BV786	780/60	750LP

BD flow cytometers are Class 1 Laser Products.

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23-15822-02



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