

# BD LSRFortessa™ Cell Analyzer

## Bandpass Filter Guide\*

Dyes	Application	Standard Filters	Standard Mirrors
<b>355 nm</b>			
BD Horizon Brilliant™ Ultraviolet 395	Cell surface markers	379/28	NA
DAPI, Hoechst	Cell cycle	450/50	NA
Alexa Fluor® 350	Cell surface markers	450/50	NA
Indo-1 (violet)	Ca <sup>2+</sup> flux	450/50	NA
Indo-1 (blue)	"	530/30	505 LP
BD Horizon Brilliant™ Ultraviolet 737	Cell surface markers	740/35	690 LP
<b>405 nm</b>			
BD Horizon Brilliant™ Violet 421, BD Horizon™ V450, Pacific Blue™	Cell surface markers	450/50	NA
BD Horizon Brilliant™ Violet 510, BD Horizon™ V500, AmCyan	"	525/50	475 LP
Qdot® 565	"	560/20	545 LP
Qdot 585	"	585/15	575 LP
Qdot 605	"	605/12	595 LP
Qdot 655	"	655/8	630 LP
<b>488 nm</b>			
SSC	Cell surface markers, live/dead discrimination, cell cycle	488/10	NA
FITC, BD Horizon Brilliant™ Blue 515, Alexa Fluor® 488	"	530/30	505 LP
PE	"	575/26	550 LP
PE-Texas Red®, PI	"	610/20	600 LP
PE-Cy™5	"	670/30	655 LP
PerCP, PE-Cy™5.5	"	695/40	685 LP
PE-Cy™7	"	780/60	750 LP
<b>561 nm</b> <span style="float: right;">Special Order Option</span>			
<b>640 nm</b>			
APC	Cell surface markers	670/14	NA
Alexa Fluor® 680	"	685/35	675 LP
Alexa Fluor® 700	"	730/45	710 LP
APC-Cy7, APC-H7	"	780/60	750 LP

\* Filter configurations recommended by BD Biosciences. Other application-specific lasers are available through the special order program.

LP = Longpass Filter

### Optional Filters and Mirrors

Fluorochrome	Filter	Cat. No.	Mirror	Cat. No.
BD Horizon Brilliant Violet 421, BD Horizon V450	450/40	<b>656738</b>	na	na
BD Horizon Brilliant Violet 510, BD Horizon V500	525/50	<b>656739</b>	505LP	<b>656745</b>
BD Horizon Brilliant™ Violet 605	610/20	<b>656740</b>	595LP	<b>656746</b>
BD Horizon Brilliant™ Violet 650	660/20	<b>656741</b>	630LP	<b>656747</b>
BD Horizon Brilliant™ Violet 711	710/50	<b>656742</b>	690LP	<b>656748</b>
BD Horizon Brilliant™ Violet 786	780/60	<b>656743</b>	750LP	<b>656749</b>
	450/40		-	
	525/50		505LP	
Combo packs	610/20	<b>656744</b>	595LP	<b>656750</b>
	660/20		630LP	
	710/50		690LP	
	780/60		750LP	

Class 1 Laser Product.

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