

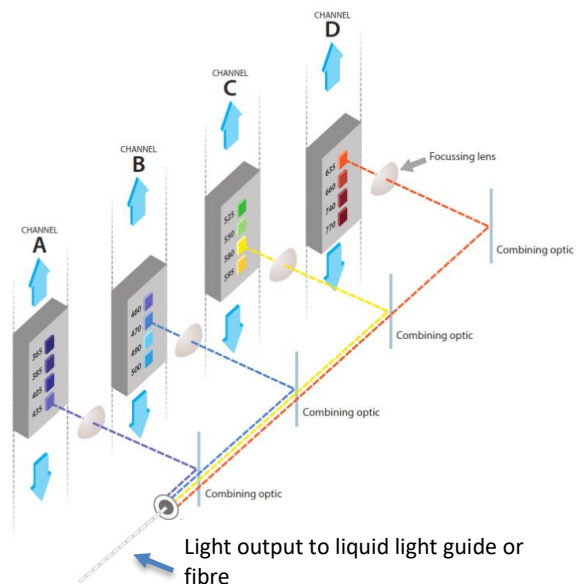
The CoolLED pE-4000 Wavelength Grouping Concept

- The [pE-4000](#) includes 16 LEDs that are grouped into four individually controllable channels (A-D)
- Each channel contains four selectable LEDs of similar wavelength range
- How it works:

1. Users select required LEDs using software or control pod

2. The selected LEDs automatically move into the optical pathway

CHANNEL			
A	B	C	D
365	460	525	635
385	470	550	660
405	490	580	740
435	500	595	770



- A choice of 16 LEDs enables the user to select the optimal excitation wavelength for each fluorophore combination and optical filter configuration
- Enables maximum performance and flexibility
- An online [Filter Finder tool](#) is available for more information on recommended filter configurations

Please contact your local [CoolLED Field Sales Manager](#) if you have any questions.