

HOW TO SPECIFY YOUR SYSTEM

CoolLED pE-100 excitation source

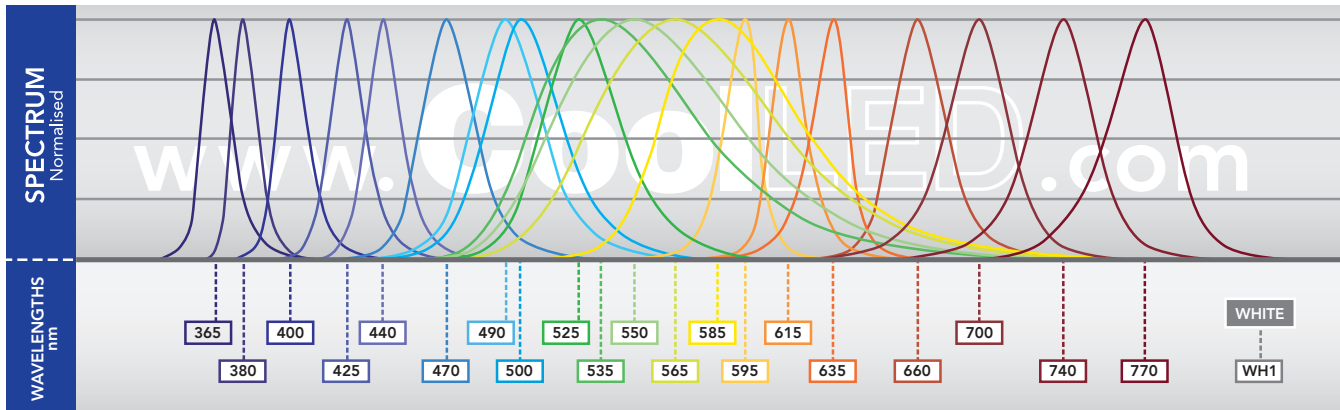
1 Select by Fluorophore OR Select by Wavelength

Select by Fluorophore >>

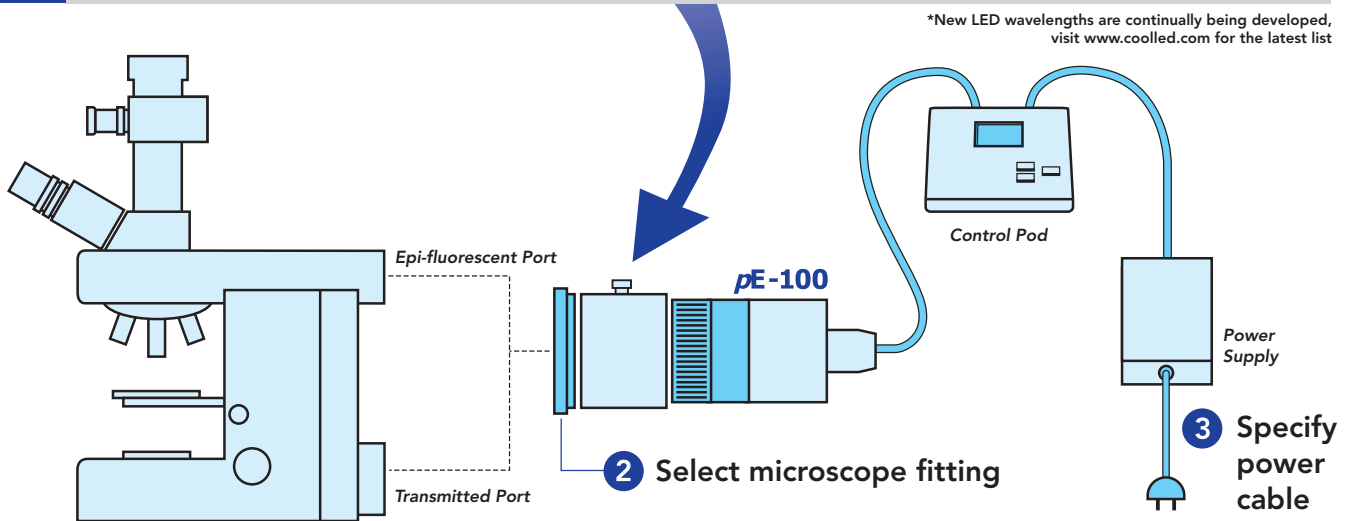
*CoolLED recommended wavelength for that fluorophore based on common filter sets

Fluorophore	LED	Fluorophore	LED	Fluorophore	LED
Alexa 488	490	Cy3	535	GFP	490
Alexa 488	470*	Cy3.5	550	Hoechst	365
Alexa 594	595	Cy5	635	Indo-Cyanine Green	770
Alexa 594	585*	Cy7	700	Pacific Blue	400
Alexa 660	660	DAPI	365*	mRFP	550
Auramine O	470	DAPI	400	Texas Red	565
CFP	440	FITC	470*	TRITC	535
mCherry	565	FITC	490	YFP	490
mCherry	585*	GFP	470*	YFP	500*

Select by Wavelength <<



*New LED wavelengths are continually being developed, visit www.cooled.com for the latest list



Specify your pE-100

244-87-XXX-YYY-ZZ

XXX = Wavelength

365, 380, 400, 425, 440, 470, 490, 500, 525, 535, 550, 565, 585, 595, 615, 635, 660, 700, 740, 770, WH1(white)

YYY = Microscope fitting

20E - Nikon epi-fluorescent port 40E - Zeiss epi-fluorescent port
 20B - Nikon transmitted port 40B - Zeiss transmitted port
 30E - Leica epi-fluorescent port 50E - Olympus epi-fluorescent port
 30B - Leica transmitted port 50B - Olympus transmitted port

ZZ = Power cable

10 - Australia
 20 - European
 30 - UK
 40 - USA

Optional item: 244-2820 - BNC-BNC cable for TTL trigger

eg. 244-87-470-20E-40 is a pE-100 with 470nm excitation (GFP) for a Nikon microscope with a US-style power cable