

HOW TO SPECIFY YOUR SYSTEM

CoolLED pE-100 excitation source

① Select by Fluorophore OR Select by Wavelength

Select by
Fluorophore >

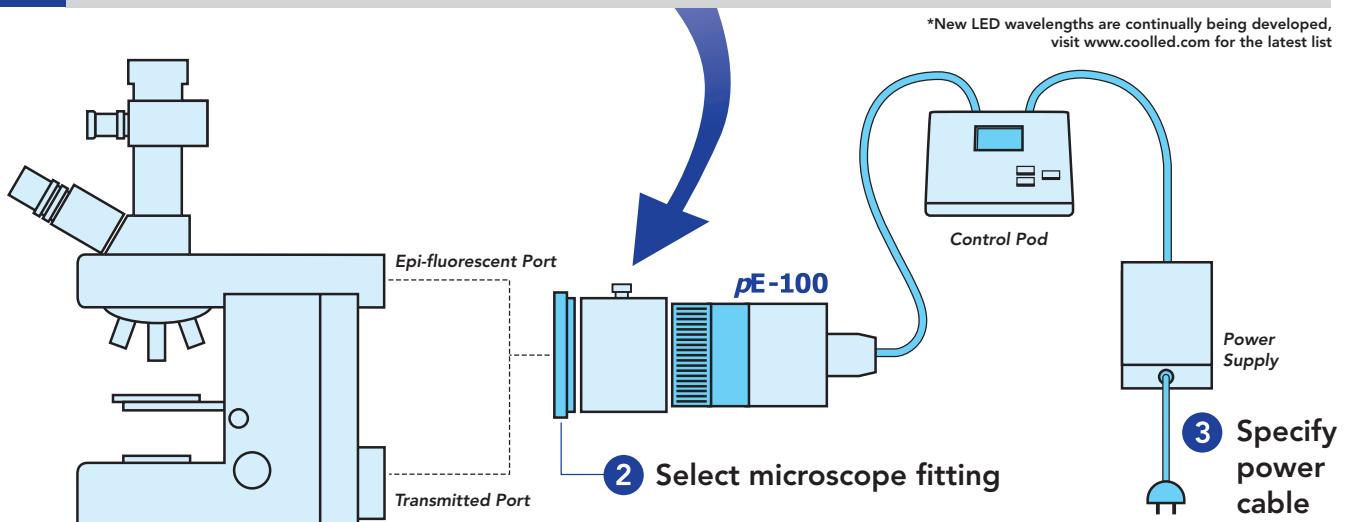
*CoolLED recommended wavelength for that fluorophore based on common filter sets

Select by
Wavelength ▾

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*



*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
20B – Nikon transmitted port
30E – Leica epi-fluorescent port
30B – Leica transmitted port

40E – Zeiss epi-fluorescent port
40B – Zeiss transmitted port
50E – Olympus epi-fluorescent 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