



PRODUCT DATASHEET

CoolLED pE-100

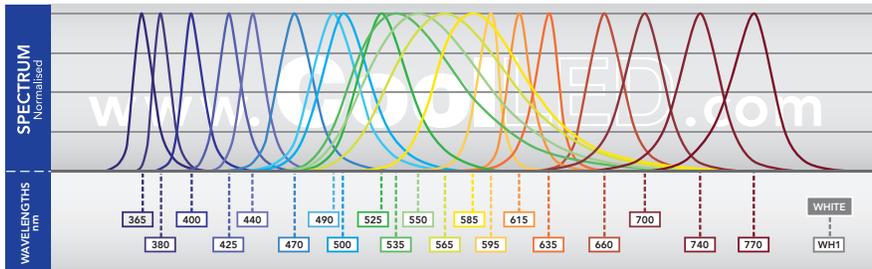
LED source for fluorescence microscopy

The pE-100 is a dedicated single-wavelength LED illuminator designed for use in fluorescence applications. You can select from CoolLED's extensive range of LED wavelengths. There is also a white option for general illumination which can be fitted to the transmitted port of the microscope. The pE-100 fits most current microscopes. Each unit comprises an LED head with specified fitting to your microscope, a control pod with BNC input for TTL trigger, and a universal power supply.



WAVELENGTHS

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



PRODUCT DETAILS

Control: Instant On/Off
0-100% Intensity in 1% steps

Intensity:
As performance is constantly increasing, for latest data visit: www.cooled.com/Life-Sciences-Analytical/Technical-Information/LED-Intensity/

Power Consumption: 1W (idle)
32W (full intensity)

Operation: 22 dBA spl

Homogeneity: +/- 1% variation

TO SPECIFY

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

For full compatibility list of microscope adaptors, visit www.cooled.com/life-sciences-analytical/products/accessories/microscope-adaptors

ZZ = Power cable

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

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

DIMENSIONS

pE-100 Head: Weight = 420g

POD

