



PRODUCT DATASHEET

CoolLED pE-100

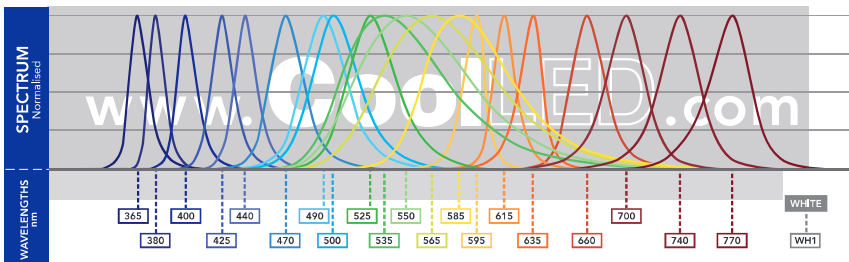
Robust LED source for microscopy

The pE-100 is a simple to operate LED illuminator which is available at a single wavelength peak for fluorescence use or with white illumination for other applications. You can select from CoolLED's extensive range of LED wavelengths. Benefits include instant on/off, stability and long lifetime. 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.coolled.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.coolled.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

Specify microscope adaptor "YYY" from CoolLED's extensive list.
See website:
<http://www.coolled.com/Life-Sciences-Analytical/Clinical/Microscope-Adaptors/>

ZZ = Power cable

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

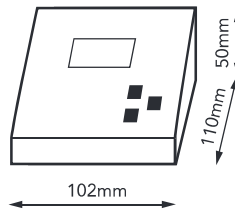
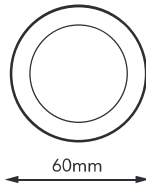
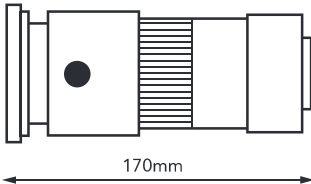
eg. 244-87-470-20E-40 is a pE-100 with 470nm excitation (GFP) for a Nikon microscope with a US-style power cable



DIMENSIONS

pE-100 Head: Weight = 420g

POD



TO ORDER

Online: www.coolled.com/Life-Sciences-Analytical/Products/pE-100/

Phone: +44 (0) 1264 323040 (Worldwide)
1-800-877-0128 (USA + Canada)

Email: orders@coolled.com

www.CoolLED.com

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