

# 69 diode LED cluster probe (1390mW)



**This probe contains 34 x 660nm LED with the following spec:-**

Wavelength	660nm central wavelength @ 25° C
Spectral Width	20nm at 50% intensity
Average Power	10mW
Active Area	0.2cm <sup>2</sup>
Power Density (Irradiance)	51mW/cm <sup>2</sup> (500W/m <sup>2</sup> )
Beam Divergence	20° half angle

**& 35 x 850nm LED with the following spec:-**

Wavelength	850nm wavelength @ 25° C
Spectral Width	45nm at 50% intensity
Average Power	30mW
Active Area of LED	0.2cm <sup>2</sup>
Power Density (Irradiance)	150mW/cm <sup>2</sup>
Beam Divergence	22° Half Angle

Total Power 1390mW

Outer Diameter Probe 70mm

Diameter of Active Area 63mm

**Average Power Density 44.6mW/cm<sup>2</sup>**

Classification CLASS 2M LED

Application Wound Healing and superficial musculoskeletal injuries

Safety Spectacles Not required