# 19 diode LED cluster probe (370mW)

This probe contains 10 x 660nm LED with the following spec:-
- **Wavelength**: 660nm central wavelength @ 25°C
- **Spectral Width**: 20nm at 50% intensity
- **Average Power**: 10mW
- **Active Area**: 0.2cm²
- **Power Density (Irradiance)**: 51mW/cm² (500W/m²)
- **Beam Divergence**: 20° half angle

& 9 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**: 0.2cm²
- **Power Density (Irradiance)**: 150mW/cm²
- **Beam Divergence**: 22° Half Angle

| Total Power | 370mW |
| Outer Diameter Probe | 41mm |
| Diameter of Active Area | 34mm |

**Average Power Density**: 40.6mW/cm²

**Classification**: CLASS 2M LED

**Application**: Wound Healing and superficial musculoskeletal injuries

**Safety Spectacles**: Not required