



## Application Bulletin – Model 9.4 Solarmeter

Date: Mar 14, 2016

Model	Description	Yes	No
<p><b>9.4</b></p>	<p>Blue Light            Range 0-199.9 mW/cm<sup>2</sup></p> <p>Blue Light model for measuring BL from any light source emitting high levels of blue light - like fish tank lamps and sunlight.</p> <p>Application Notes:</p> <ol style="list-style-type: none"> <li>1. Measure BL intensity from aquarium lamps.</li> <li>2. Measure BL intensity from blue LEDs.</li> <li>3. Check BL intensity component from full outdoor sun.</li> <li>4. Measure BL intensity from acne therapy lamps.</li> <li>5. Check low-level BL in microWatts (Please use Model 9.2)</li> </ol> <p>Procedure:</p> <p>Press and hold push button switch while aiming top sensor at light source. Wear blue-block (amber) sunglasses for high intensity lamp measurement.</p> <p>The reading represents instantaneous intensity at the distance meter sensor is being held from the source. Moving the meter closer to BL source will increase reading. Hold meter at location of exposure to determine intensity at the subject position of concern. If under water put meter in sealed zip-lock bag.</p> <p>Industry “rule of thumb” is to replace lamps when intensity readings fall 25-30% below new lamp readings.</p>	<p>X</p> <p>X</p> <p>X</p> <p>X</p>	<p>X</p>