

# UNIVERSAL LIGHTPROBE™

## PART 2 - FIBER-OPTIC PROBES

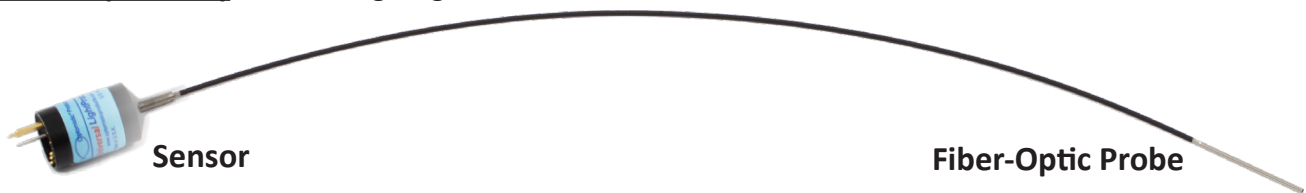
### UNIVERSAL LIGHTPROBE™ FIBER-OPTIC PROBE SELECTION GUIDE

After choosing a pre-programmed **Sensor** for the type of test and output you require, then choose a **Fiber-optic Probe** to further customize the test for mechanical requirements and constraints. Fiber-optic Probes come in a variety of **aperture styles (wide-aperture, small-aperture, contacting tip)**, **Fiber-optic cable type**, and **stainless-steel tip** lengths to meet your exact requirements for testing LEDs. These options are outlined below.

#### SMALL-APERTURE (SA) FIBER-OPTIC PROBES: Our most popular and cost-efficient option.

Appropriate for most testing applications. The best choice for testing closely-spaced LEDs. Small-Aperture Fiber-Optic Probes come in **Single** models for testing single LEDs, **“Duplex” (250D)** for testing two LEDs sequentially, and the **“Trident” (250-12x12)** and **“Skinny Trident” (250T)** models for testing three LEDs sequentially.

**SINGLE (250-12):** For testing single LEDs.



#### Characteristics:

- Flexible cable: 1 x 9.84 in./250mm long.
- Probe tip dia.: 0.050 in. /1.27mm
- LED spacing: Not less than 0.050 in. / 1.27mm
- Probe tip type: Stainless-steel
- Air-gap: 1mm min. recommended
- See probe tip lengths below

#### FIBER-OPTIC CABLE TYPE:

Universal LightProbe™ Small-aperture Fiber-Optic Probes have a flexible cable with a 1 in./25.4 mm min. bend radius.

#### PART NUMBERS:

There are 5 tip styles in the **Small-Aperture Single** model available to account for variations in working distance, LED orientation and accessibility, **Short (SL)**, **Long (LL)**, and **Extra-Long (XLL)**, as well as three **Right-Angle** options, **12P, Short (RSL)** and **Long (RLL)**, for side-emitting LEDs. For further explanation of part numbers, please see page 20.

#### 250-12-SL-SA

1.125 in. /  
28.57mm tip



#### 250-12-LL-SA

1.75 in./  
44.45mm tip



#### 250-12-XLL-SA

2.25 in./  
57.15mm tip



#### 250-12-RSSL-SA

0.175 in. /4.44mm right-angle length  
1.75 in./  
44.45mm tip



#### 250-12-RSLL-SA

0.75 in./20.32mm right-angle length  
1.125 in./  
28.57mm tip



#### 250-12P-SL-SA

1.125 in./28.57mm tip



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