

LumiSense™

aoms.

FLEXIBLE SINGLE-POINT TEMPERATURE MEASUREMENT CABLE

LumiSense is a single-point sensor cable designed to be embedded within a concrete slab prior to pouring. Built for precision and reliability, LumiSense measures temperatures at a high degree of accuracy through a sealed IP68-rated stainless steel end tube.

A wide variety of selections is available for cable dimensions for projects requiring higher levels of customization.



SPECIFICATION

DATA

	Imperial		Metric	
Operating Temperature Range	-22 — 176 °F		-30 — 80 °C	
Temperature Accuracy	14 — 176 °F	±0.9 °F	-10 — 80 °C	±0.5 °C
	< 14 °F	±1.8 °F	< -10 °C	±1.0 °C
Cable Diameter	1/8 inch		3.2 mm	
Sensor Diameter	5/32 inch		4.0 mm	
Cable Pull Strength*	30 lbf		13 kg	
Number of Sensors Per Cable			1	

*Tested at room temperature on cable and sensor point, excluding the cable connector.