



## ML-020S-O Lux Sensor

### Technical Specifications

CIE Photopic Response

Glass dome plus diffusor optics

Low temperature dependency

Outdoor measurements

The MS-020S-O illuminance sensor is an all-weather sensor with a customized detector sensitivity for outdoor high light level applications. The built-in interference filter in conjunction with the detectors spectral response reproduces the CIE photopic curve and gives a calibrated output in lux (lx). Both sensors can be found in many professional applications to control or monitor industrial processes.

	<b>ML-020S-O</b>
<b>Irradiance range</b>	0 - 150000 Lx
<b>Output</b>	0 - 30000 $\mu$ V
<b>Impedance</b>	280 $\Omega$
<b>Operating temperature range</b>	-10 - 50 $^{\circ}$ C
<b>Temperature response -10<math>^{\circ}</math>C to 50<math>^{\circ}</math>C</b>	0.4 %
<b>Cable length</b>	5 m

<b>Options</b>	<b>ML-020S-O</b>
<b>Cable length</b>	10/30/50 m
<b>Leveling Plate</b>	Optional

Specifications are subject to change without further notice.