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3m Control Cable for CCS SWIR Spot Lights

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Product Downloads

General

CCS **Manufacturer:**

Physical & Mechanical Properties

60 **Weight (g):**

Hardware & Interface Connectivity

Phone Jack (2-pin, plug) **Connector:**

Environmental & Durability Factors

0 to 40 Operating Temperature (°C):

Regulatory Compliance

[View](#) Certificate of Conformance:

Product Details

- Available in Common SWMR Wavelengths of 1050 to 1650nm
- High Intensity and Uniformity
- Ideal for Use with Telecentric Lenses

CCS SWMR In-Line Spot Lights provide high intensity output and uniform spot lighting in a lightweight, compact housing and are available in wavelength options of 1050, 1200, 1300, 1450, 1550, or 1650nm. Featuring a 6.4mm output illumination tip, these spot lights can be easily connected to the [in-line illumination](#) port of common telecentric lenses. CCS SWMR In-Line Spot Lights create a consistent and uniform light distribution allowing for even illumination across the target. These spot lights are ideal for applications including wafer transmission inspection, package inspection, as well as moisture content and water droplet inspection. The cylindrical design of these spot lights makes them an excellent lighting option for [TECHSPEC SilverTL™ SWIR Telecentric Lenses](#).

3D-Printable Mount Files




Spot Light Configuration

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Designed for use with the [Articulating Arm Mounting Systems](#), these 3D-printed mounts allow easy positioning of lights in brightfield or darkfield setups. The design is based on mounting illumination to ¼-20" breadboards or into 80/20 extrusion systems, but can be adapted based on user needs. Mounts are available for ring, bar, line, and inline spot lights.

 [Application Note](#)

[Illumination Mounts for Machine Vision Applications](#)
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[Assembly of 3D Printed Mounts for Common Illumination Geometries](#)
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