

# CP-ILED-B-IS-1.0-HL

<http://www.gigahertz-optik.de/en-us/product/CP-ILED-B-IS-1.0-HL>

**Product tags:**



## Description

The CP-ILED-B-IS-1.0-HL is a measurement adapter for Averaged LED Intensity following to CIE 127 B regulation. Its design is based on an integrating sphere for best possible uniformity of the measurement area. The adapter can be plugged on every Gigahertz-Optik UMPA-1.0-HL mount, like to one of the BTS2048 Series.



ILED-B adapter on the BTS2048-VL

## Specifications

General																	
typical applications	Measurement of the Averaged LED Intensity following CIE 127 B																
Uniformity	better $\pm 1\%$																
Mounting	UMPA-1.0-HL																
Mounting	tripod thread																
Product																	
BTS2048-VL	<p>Luminous intensity ILED-B: <math>\pm 4\%</math></p> <p>Spectral Radiant intensity ILED-B:</p> <table border="0"> <tr> <td>(350 - 399) nm:</td> <td>OD0: +/- 7 %</td> <td>OD1: +/- 8 %</td> <td>OD2: +/- 9 %</td> </tr> <tr> <td>(400 - 800) nm:</td> <td>OD0: +/- 4 %</td> <td>OD1: +/- 4 %</td> <td>OD2: +/- 4 %</td> </tr> <tr> <td>(801 - 1000) nm:</td> <td>OD0: +/- 6 %</td> <td>OD1: +/- 6 %</td> <td>OD2: +/- 6 %</td> </tr> <tr> <td>(1001 - 1050) nm:</td> <td>OD0: +/- 7 %</td> <td>OD1: +/- 8 %</td> <td>OD2: +/- 9 %</td> </tr> </table> <p>Spectral radiant intensity responsivity (350 - 1050) nm</p> <p>spectral radiant intensity (ILED-B) responsivity range (spectral measurement): (5E-7 - 5E3) W/nm</p> <p>measurement range ILED-B (integral measurement): (3E-4 - 1E6) cd</p>	(350 - 399) nm:	OD0: +/- 7 %	OD1: +/- 8 %	OD2: +/- 9 %	(400 - 800) nm:	OD0: +/- 4 %	OD1: +/- 4 %	OD2: +/- 4 %	(801 - 1000) nm:	OD0: +/- 6 %	OD1: +/- 6 %	OD2: +/- 6 %	(1001 - 1050) nm:	OD0: +/- 7 %	OD1: +/- 8 %	OD2: +/- 9 %
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## Configurable with

Produktname	Product Image	Description	Show product
BTS2048-VL		<p>Bi-technology sensor light meter for high speed LED binning.</p> <p>Features: High spectral resolution, short measurement time (electronic shutter), high dynamic (filter wheel), Trigger input and output, entrance optic with diffusor for illuminance and spectral irradiance, CCT, CRI, color values, etc.</p>	<a href="http://www.gigahertz-optik.de/en-us/product/BTS2048-VL">http://www.gigahertz-optik.de/en-us/product/BTS2048-VL</a>

Produktname	Product Image	Description	Show product
BTS2048-VL-TEC		<p>Bi-technology sensor light meter for high speed LED binning.</p> <p>Features: High spectral resolution, short measurement time (electronic shutter), high dynamic (filter wheel) and cooled CCD, Trigger input and output, entrance optic with diffusor for illuminance and spectral irradiance, CCT, CRI, color values, etc.</p>	<a href="http://www.gigahertz-optik.de/en-us/product/BTS2048-VL-TEC">http://www.gigahertz-optik.de/en-us/product/BTS2048-VL-TEC</a>

## Purchasing information

Article-Nr	Modell	Description
<b>Product</b>		
15298833	CP-ILED-B-IS-1.0-HL	Adapter for the measurement of the Averaged LED Intensity following CIE 127 B regulation. Set-up with integrating sphere for best possible uniformity of the measurement area. Direct mount to measurement instruments with UMPA-1.0-HL mount.