



# EU Declaration of Conformity

In accordance with EN ISO 17050-1:2010

# CE19

***The product manufacturer and location of Technical Construction File,***

Setra Systems, Inc  
159 Swanson Road, Boxborough, MA 01719, USA  
Tel: +1-978-263-1400 Fax: +1-978-264-0292

***and the authorized representative established within the Community,***

Hengstler GmbH  
Uhlandstr. 49, 78554 Aldingen, Germany  
Tel: +49-7424-890, Fax +49-7424-89500

***herewith declare that the products as originally delivered:***

*Product Name and Model:* LED Fiber Optic illuminator  
*Model number:* MI-LED-XX-XX-XX  
(X=alphanumerical numbers for different configurations)

***comply with the essential requirements of the following applicable European Directives and carry the CE marking accordingly:***

EMC Directive (2014/30/EU)  
LVD (Low Voltage) Directive (2014/35/EU)  
RoHS Directive (EU) 2015/863

***The following standards were used to demonstrate compliance:***

***EMCStandard***

CISPR 11:2009+A1:2010  
EN61000-3-2:2006+A1:2009+A2:2009  
EN61000-3-3:2013

EN 61326-1:2013 & EN 61326-2-3:2013  
EN 61000-4-2:2009  
EN 61000-4-3:2006+A1:2008+A2:2010  
EN 61000-4-4:2004+A1:2010  
EN 61000-4-5:2006  
EN 61000-4-6:2009  
EN 61000-4-11:2004

***Limit***

GROUP 1, CLASS B EMISSIONLIMITS  
Harmonic Emissions, 0-2kHz Class A  
Flicker Emissions, 0-2kHz Class A

***BASIC IMMUNITY REQUIREMENTS***

4 kV contact, 8 kV air  
3 V/m 80-1000MHz & 1.4-2GHz, 1 V/m 2-2.7GHz  
1 kV power lines  
1 kV Line-Ground, 0.5 kV Line-Line  
3V<sub>rms</sub>, 0.15-80MHz, 1 kHz, 80% AM  
Voltage dips and interruption

***SafetyStandard***


IEC61010-1:2010 3<sup>rd</sup> Edition  
CAN/CSA C22.2 No. 61010-1-12 3<sup>rd</sup> Edition  
UL 61010-1:2012 3<sup>rd</sup> Edition  
IEC/EN62471 1<sup>st</sup> Edition

Safety Requirements for Electrical Equipment for  
Measurement, Control and Laboratory Use, Part 1:  
General Requirements  
Risk Group 2 L<sub>B</sub> < 4 000 000 w/(m<sup>2</sup>.sr)

***DoC Number: CE-MI-LED-D***

I hereby declare that the product(s) named above have been designed to comply with the relevant sections of the above referenced standards. The product(s) comply with all applicable Essential Requirements of the Directives. Subject to correct installation, maintenance and use conforming to its (their) intended purpose, to the applicable regulations and standards, to our operation and maintenance manual, the product complies with the provision of the above mentioned European Directives.

July 25, 2019  
Date

  
Eric Beishline  
V.P. Engineering