



BlueWave® AX-550

Handling & Safety Information

This BlueWave® AX-550 emitter assembly is fragile and should be handled carefully prior to installation into a complete system.

- Do not touch or contaminate the quartz plate glass lens.
Note: Permanent damage may occur to the glass surface.
- Handle with precautions for ESD.
- Do not touch the connector pins or interface.
Note: Doing so may lead to oxidation and poor performance.
- Refer to the [BlueWave® AX-550 User Guide](#) for full instructions on the use of this unit.



This device falls under IEC 62471 Risk Group 3 for UVA and Blue Light emissions:



WARNING! Looking directly at the high-intensity light emitted by the Dymax curing source can result in eye injury. To prevent eye injury, never look directly at the energy-emitting source and always wear appropriate protective goggles. To avoid accidental exposure, verify the curing energy target prior to activating a curing exposure cycle.



WARNING! UV energy emitted from this product. Avoid eye and skin exposure to unshielded product. Gloves, long sleeve clothing and goggles should be worn when working near the UV energy source.



WARNING! Surfaces of light emission optics can be very hot after use. Do not touch the distal (light-emitting end) of any lightguide, lightguide-simulator optic or the protective glass window of any flood curing system. Touching these surfaces can result in thermal burns. Please allow optic window to cool for a **minimum** of 10 minutes before attempting to touch or service them.





Oligomers • Adhesives • Coatings • Dispensing • Light-Curing Systems

EU DECLARATION OF CONFORMITY

Manufacturer: DYMAX Corporation
318 Industrial Lane
Torrington, CT 06790, USA

EU Representative: DYMAX Europe GmbH
Kasteler Str.45
Geb.G359
Wiesbaden

Product description: BlueWave® AX-550 LED Flood Curing System
Model name(s): AX-550

This product complies with the following Directives, legal acts and standards:

EMC Directive (2014/30/EU):

EN 61000-6-4:2007 +A1:2011
EN 61000-3-2:2014, Class A
EN 61000-3-3:2013
EN 61000-6-2:2005
IEC 61000-4-2:2008 ED. 2.0
IEC 61000-4-3:2010 ED. 3.2
IEC 61000-4-4:2012 ED. 3.0
IEC 61000-4-5:2014+A1:2017 ED. 3.0
IEC 61000-4-6:2013 ED. 4.0
IEC 61000-4-8:2009 ED. 2.0
IEC 61000-4-11:2004+A1:2017 ED. 2.0

Low Voltage Directive (2014/35/EU):

IEC 61010-1:2010 (3rd Edition)
EN 61010-1: 2010 (3rd Edition)
IEC 62471-2006(First Edition)/EN 62471 (2008)

RoHS Directive (2011/65/EU):

CE 19

Declaration:

I declare that the above information in relation to the supply and manufacture of this product is in conformity with the above standards and directives.


Name

4-23-2019
Date

Authorized Signatory:

Richard MacCutcheon
Engineering Manager
DYMAX Corporation
Torrington, CT., USA

Responsible Person in Europe:

Wolfgang Lorscheider
Technical Manger
DYMAX EUROPE GmbH
Wiesbaden, Germany

www.dymax.com

Americas

USA | +1.860.482.1010 | info@dymax.com

Europe

Germany | +49 611.962.7900 | info_de@dymax.com
Ireland | +353 21.237.3016 | info_ie@dymax.com

Asia

Singapore | +65.67522887 | info_ap@dymax.com
Shanghai | +86.21.37285759 | dymaxasia@dymax.com
Shenzhen | +86.755.83485759 | dymaxasia@dymax.com
Hong Kong | +852.2460.7038 | dymaxasia@dymax.com
Korea | +82.31.608.3434 | info_kr@dymax.com

© 2021 Dymax Corporation. All rights reserved. All trademarks in this guide, except where noted, are the property of, or used under license by Dymax Corporation, U.S.A.

The data contained in this bulletin is of a general nature and is based on laboratory test conditions. Dymax does not warrant the data contained in this bulletin. Any warranty applicable to the product, its application and use is strictly limited to that contained in Dymax's standard Conditions of Sale. Dymax does not assume responsibility for test or performance results obtained by users. It is the user's responsibility to determine the suitability for the product application and purposes and the suitability for use in the user's intended manufacturing apparatus and methods. The user should adopt such precautions and use guidelines as may be reasonably advisable or necessary for the protection of property and persons. Nothing in this bulletin shall act as a representation that the product use or application will not infringe a patent owned by someone other than Dymax or act as a grant of license under any Dymax Corporation Patent. Dymax recommends that each user adequately test its proposed use and application before actual repetitive use, using the data contained in this bulletin as a general guide. SAF002DA 1/13/2022