

Ecodesign Regulation Information for Xicato Intelligent Module (XIM)

This XIM is considered to be a "containing product" as defined by Regulations (EU) 2019/2020 and (EU) 2019/2015.

Definition of "Containing Product"

Containing product means a product containing one or more light sources, or separate control gears, or both. Examples include luminaires that can be taken apart to allow separate verification of the contained light source(s), household appliances containing light source(s), furniture (shelves, mirrors, display cabinets) containing light source(s). If a containing product cannot be taken apart for verification of the light source and separate control gear, the entire containing product is to be considered a light source.

Conditions Met by XIM

In case of the XIM modules, the removal and verification of the contained light source XCA with the use of commonly available tools, without permanent damage to the XCA, XIM or light fixture is possible. XIM can be dismantled from the installation environment for verification by market surveillance authorities and trained lighting professionals. The contained light source XCA can also be replaced at the Xicato factory by a similar unit for full electrical/mechanical/thermal/optical functionality. The control protocol specific driver is part of the XIM and the driver characteristics are in alignment with SLR. Instructions for disassembly and replacement are provided for XIM.

XIM also meets the requirements for dismantling of light sources from containing products at end of life.

XIM with the integrated control gear and separable light source must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. XIM products are RoHS compliant and should be disposed through such a system.

As stated in Annex I to Directive 2009/125/EC, item 28, containing products do not have to report the parameters mandated for a light source in the EPREL database and therefore data from nominal test conditions, as reported by light source manufacturer is sufficient for such products. This applies to XIM and performance data at nominal operating conditions is available in the product datasheets. In addition, the XCAs are in the process of being listed in the EPREL database and the light source attributes of the XCA will apply to the corresponding XIM model.

Additionally, as in Annex II to Directive 2009/125/EC, item 3b, a containing product does not require to display energy labels. Therefore, XIM products have not been assigned any energy labels.

Summary

XIM is both a control gear and a light source. The light source is the XCA and the XCA are removable for verification without damaging the XIM, using commonly available tools. Factory replacement with similar XCA units is also feasible. Therefore, as Containing Products, the XIM is not required to meet the energy labeling requirements or be registered in the EPREL database.

This information is also provided on www.xicato.com.

Disassembly Drawing

ZONE	REV	DESCRIPTION	ECN	DATE	APVD
	1	INITIAL RELEASE		12/18/15	PKT
	2	CHANGES TO ITEM 1 (HOUSING) & ITEM 2 (PCBA)		12/21/16	PKT
	3	ADDED NOTE FOR ASSEMBLY TORQUE		10/10/17	PKT

NOTES:
 1. ASSEMBLY TORQUE FOR M2 SCREWS: 30 oz-in (.21 N-m)

ITEM#	PART#	DESCRIPTION	QTY
10	XXXXXX-CORE	CORE, GENERIC	1
9	X02108	TIM, CORE	1
8	3004-00X0-1871	M2X4 PAN HEAD SCREW	1
7	3004-00X0-1870	M2X8 FLAT HEAD SCREW	2
6	3003-00X0-2348-1	GAP PAD, OPTO XIM-CV50G2	1
5	3003-00X0-2343-3	GAP PAD, XIM-CV50 G2	1
4	3003-00X0-2331-2	TIM, XIM-CV50 G2	1
3	3002-00X0-2329-7	THERMAL BASE, XIM-CV	1
2	2002-00X0-2836	PCBA, DALI	1
1	2000-00X0-2344-5	SUB-ASSY, HOUSING, XIM-CV50G2	1

-CONFIDENTIAL-

THIS DOCUMENT IS AND CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION OF XICATO INC.

THIS DOCUMENT IS LOANED FOR LIMITED PURPOSES ONLY AND REMAINS THE PROPERTY OF XICATO INC. IT IS TO BE RETURNED UPON REQUEST AND IN ALL EVENTS UPON COMPLETION OF PURPOSE OF THE LOAN.

NEITHER IT NOR THE INFORMATION IT CONTAINS MAY BE REPRODUCED, USED, OR DISCLOSED TO PERSONS NOT HAVING A NEED TO KNOW CONSISTENT WITH THE PURPOSE OF THE LOAN WITHOUT WRITTEN CONSENT OF XICATO INC.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. STANDARD TOLERANCES ARE:

0-10± 0.1
 10-50± 0.15
 50-100± 0.20
 100± 0.25
 ANGLES ±5°

DATE: XXXX
 DSR: XXXX
 REL: XXXX
 PROD: XXXX
 ENGR: XXXX
 CHKD: XXXX
 CHKD: XXXX

XICATO INC

TITLE: **ASSY, XIM-CV50 G2 DALI**

DWG SIZE: C
 PART NUMBER: DRW-00X0-2751
 SCALE: 2,000

REV. 3
 SHEET 1 OF 1

Note:
 For XIM disassembly & XCA verification: Remove screws (7), pop out XCA from housing
 For XCA replacement: Contact factory