

# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-L466609-12-71509102-1  
**Report Reference** E466609-20190517  
**Date** 13-Apr-2021

**Issued to:** XICATO INC  
102 Cooper Ct Los Gatos, CA  
United States 95032

**This is to certify that representative samples of** OOQL2 - Light-emitting-diode Packages - Component  
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

**Standard(s) for Safety:** UL 8750, 2nd Ed., Issue Date: 2015-09-15, Revision Date: 2021-01-05

**Additional Information:** See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>




# CERTIFICATE OF COMPLIANCE

**Certificate Number**    UL-US-L466609-12-71509102-1  
**Report Reference**      E466609-20190517  
**Date**                        13-Apr-2021

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
<p><b>XOB</b>, XOB04bbccddeffgh, where                      bb, can be any alphanumeric that indicates CRI                      cc, can be any alphanumeric that indicates CCT                      dd, can be any alphanumeric that indicates Flux                      e, can be any alphanumeric that indicates Color Spectrum                      ff, numeric nos. that indicates Series Voltage                      g, numeric no. that indicates Accuracy                      h, upto 4 alphanumeric nos, indicate Rev</p>	LED Packages
<p><b>XOB</b>, XOB06bbccddeffgh, where                      bb, can be any alphanumeric that indicates CRI                      cc, can be any alphanumeric that indicates CCT                      dd, can be any alphanumeric that indicates Flux                      e, can be any alphanumeric that indicates Color Spectrum                      ff, numeric nos. that indicates Series Voltage                      g, numeric no. that indicates Accuracy                      h, upto 4 alphanumeric nos, indicate Rev</p>	LED Packages
<p><b>XOB</b>, XOB09bbccddeffgh, where                      bb, can be any alphanumeric that indicates CRI                      cc, can be any alphanumeric that indicates CCT                      dd, can be any alphanumeric that indicates Flux                      e, can be any alphanumeric that indicates Color Spectrum                      ff, numeric nos. that indicates Series Voltage                      g, numeric no. that indicates Accuracy                      h, upto 4 alphanumeric nos, indicate Rev</p>	LED Packages
<p><b>XOB</b>, XOB14bbccddeffgh, where                      bb, can be any alphanumeric that indicates CRI                      cc, can be any alphanumeric that indicates CCT                      dd, can be any alphanumeric that indicates Flux                      e, can be any alphanumeric that indicates Color Spectrum                      ff, numeric nos. that indicates Series Voltage                      g, numeric no. that indicates Accuracy                      h, upto 4 alphanumeric nos, indicate Rev</p>	LED Packages
<p><b>XOB</b>, XOB23bbccddeffgh, where                      bb, can be any alphanumeric that indicates CRI                      cc, can be any alphanumeric that indicates CCT                      dd, can be any alphanumeric that indicates Flux</p>	LED Packages



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-L466609-12-71509102-1  
**Report Reference** E466609-20190517  
**Date** 13-Apr-2021

<p>e, can be any alphanumeric that indicates Color Spectrum ff, numeric nos. that indicates Series Voltage g, numeric no. that indicates Accuracy h, upto 4 alphanumeric nos, indicate Rev</p>	
<p><b>XOB</b>, XOB32bbccddeffgh, where bb, can be any alphanumeric that indicates CRI cc, can be any alphanumeric that indicates CCT dd, can be any alphanumeric that indicates Flux e, can be any alphanumeric that indicates Color Spectrum ff, numeric nos. that indicates Series Voltage g, numeric no. that indicates Accuracy h, upto 4 alphanumeric nos, indicate Rev</p>	<p>LED Packages</p>



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-L466609-22-71509102-1  
**Report Reference** E466609-20190517  
**Date** 13-Apr-2021

**Issued to:** XICATO INC  
102 Cooper Ct Los Gatos, CA  
United States 95032

**This is to certify that representative samples of** OOQL8 - Light-emitting-diode Packages Certified for Canada - Component  
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

**Standard(s) for Safety:** CSA C22.2 NO. 250.13, 4th Ed., Issue Date: 2020-04-01

**Additional Information:** See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



# CERTIFICATE OF COMPLIANCE

**Certificate Number**    UL-CA-L466609-22-71509102-1  
**Report Reference**        E466609-20190517  
**Date**                        13-Apr-2021

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
<p><b>XOB</b>, XOB04bbccddeffgh, where                      bb, can be any alphanumeric that indicates CRI                      cc, can be any alphanumeric that indicates CCT                      dd, can be any alphanumeric that indicates Flux                      e, can be any alphanumeric that indicates Color Spectrum                      ff, numeric nos. that indicates Series Voltage                      g, numeric no. that indicates Accuracy                      h, upto 4 alphanumeric nos, indicate Rev</p>	LED Packages
<p><b>XOB</b>, XOB06bbccddeffgh, where                      bb, can be any alphanumeric that indicates CRI                      cc, can be any alphanumeric that indicates CCT                      dd, can be any alphanumeric that indicates Flux                      e, can be any alphanumeric that indicates Color Spectrum                      ff, numeric nos. that indicates Series Voltage                      g, numeric no. that indicates Accuracy                      h, upto 4 alphanumeric nos, indicate Rev</p>	LED Packages
<p><b>XOB</b>, XOB09bbccddeffgh, where                      bb, can be any alphanumeric that indicates CRI                      cc, can be any alphanumeric that indicates CCT                      dd, can be any alphanumeric that indicates Flux                      e, can be any alphanumeric that indicates Color Spectrum                      ff, numeric nos. that indicates Series Voltage                      g, numeric no. that indicates Accuracy                      h, upto 4 alphanumeric nos, indicate Rev</p>	LED Packages
<p><b>XOB</b>, XOB14bbccddeffgh, where                      bb, can be any alphanumeric that indicates CRI                      cc, can be any alphanumeric that indicates CCT                      dd, can be any alphanumeric that indicates Flux                      e, can be any alphanumeric that indicates Color Spectrum                      ff, numeric nos. that indicates Series Voltage                      g, numeric no. that indicates Accuracy                      h, upto 4 alphanumeric nos, indicate Rev</p>	LED Packages
<p><b>XOB</b>, XOB23bbccddeffgh, where                      bb, can be any alphanumeric that indicates CRI                      cc, can be any alphanumeric that indicates CCT                      dd, can be any alphanumeric that indicates Flux</p>	LED Packages



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-L466609-22-71509102-1  
**Report Reference** E466609-20190517  
**Date** 13-Apr-2021

e, can be any alphanumeric that indicates Color Spectrum ff, numeric nos. that indicates Series Voltage g, numeric no. that indicates Accuracy h, upto 4 alphanumeric nos, indicate Rev	
<b>XOB</b> , XOB32bbccddeffgh, where bb, can be any alphanumeric that indicates CRI cc, can be any alphanumeric that indicates CCT dd, can be any alphanumeric that indicates Flux e, can be any alphanumeric that indicates Color Spectrum ff, numeric nos. that indicates Series Voltage g, numeric no. that indicates Accuracy h, upto 4 alphanumeric nos, indicate Rev	LED Packages



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

