



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx CSA 14.0010 Issue No: 0 Certificate history:  
Issue No. 0 (2014-05-28)

Status: **Current** Page 1 of 4

Date of Issue: **2014-05-28**

Applicant: **Killark, a Division of Hubbell Inc. (Delaware)**  
3940 Dr. Martin Luther King Drive,  
St. Louis, MO 63113  
**United States of America**

Electrical Apparatus: **LED Luminaires, Series KF1L**  
*Optional accessory:*

Type of Protection: **Ex de; Ex tb**

Marking:  
Ex de IIB+H2 T6..T5, Gb (-20°C ≤ Ta ≤ +55°C), \*LT version (-50°C ≤ Ta ≤ +55°C)  
Ex de IIB T6..T5 Gb (-50°C ≤ Ta ≤ +55°C)  
Ex tb IIIC T175°C Db  
IP66  
IEC CSA 14.0010

*Approved for issue on behalf of the IECEx  
Certification Body:*

Dorin Stochitoiu

*Position:*

Technical Advisor

*Signature:  
(for printed version)*

*Date:*

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:



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CSA International  
178 Rexdale Boulevard  
Toronto, Ontario M9W 1R3  
Canada  
and  
1707 - 94th Street  
Edmonton, AB T6N 1E6  
Canada





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Manufacturer: **Killark, a Division of Hubbell Inc. (Delaware)**  
3940 Dr. Martin Luther King Drive,  
St. Louis, MO 63113  
**United States of America**

Additional Manufacturing  
location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

#### STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2007-04</b> Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-31 : 2008</b> Edition:1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
<b>IEC 60079-7 : 2006-07</b> Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

#### TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

Test Report:

[CA/CSA/ExTR14.0011/00](#)

Quality Assessment Report:

[US/UL/QAR07.0004/04](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

LED Luminaires, Series KF1L Rating: 480V max, 125W max, 50/60Hz,

Ex de IIB+H2 T6..T5, Gb (-20°C ≤ Ta ≤ +55°C), \*LT version (-50°C ≤ Ta ≤ +55°C)

Ex de IIB T6..T5 Gb (-50°C ≤ Ta ≤ +55°C)

Ex tb IIIC T175°C Db

IP66

Note:\* LT Version shall be routinely subjected to overpressure testing

**CONDITIONS OF CERTIFICATION: NO**