



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX QPS 25.0010X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2025-03-31

Applicant: **Hubbell Inc. - Killark Div**
2112 Fenton Logistics Park Blvd.
Fenton
Missouri 63026
United States of America

Equipment: **LED Luminaires for use in hazardous locations with optional Battery Backup, Killark'r model: MBLX / MBLX...iE and Chalmit's Model: ECXC/.../LE Series. Refer to Annex page for nomenclature, model number and optional features.**

Optional accessory: Stanchion 25° Mounting Bracket , Angled Reflector,

Type of Protection: **"ec", "tb"**

Marking: IECEx QPS 25.0010

- Standard Version (MBLX 6 30A2G00)
Ex ec IIC T5 Gc
Ex tb IIIC T100 Db
Tamb: -40°C to 55°C (Standard Version).
- Battery Backup Version (MBLX 6 iE1 30A2G00)
Ex ec IIC T5 Gc
Ex tb IIIC Db T100 Db, IP66
Tamb: -20°C to 50°C (Battery Backuo Version).

Approved for issue on behalf of the IECEx
Certification Body:

D, Adams P.Eng.

Position:

Manager, Hazardous Locations Department [Ex Equipment]

Signature:
(for printed version)

Date:
(for printed version)

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 www.iecex.com or use of this QR Code.



Certificate issued by:

QPS
Evaluation Services Inc.
81 Kelfield St
Unit 8
Toronto, Ontario M9W 5A3
Canada





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Manufacturer: **Hubbell Inc. - Killark Div**
2112 Fenton Logistics Park Blvd.
Fenton
Missouri 63026
United States of America

Manufacturing locations: **Hubbell Inc. - Killark Div**
2112 Fenton Logistics Park Blvd.
Fenton
Missouri 63026
United States of America

Chalmit Lighting
388 Hillington Road
Glasgow, G52 4B
United Kingdom

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 equipment 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

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-31:2022](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with 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/QPS/ExTR25.0009/00](#)

Quality Assessment Reports:

[GB/SGS/QAR24.0002/00](#)

[GB/SIR/QAR16.0021/08](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

- LED Luminaires for use in hazardous locations with optional Battery Backup, Killark'r model: MBLX / MBLX...iE and Chalmit's Model: ECXC/.../LE Series. Refer to Annex page for nomenclature, model number and optional features.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- Read Installation, Operation and Maintenance Manual first.
- Do not open when energised.
- Do not open when an explosive atmosphere is present.
- The Luminaire shall only be installed where there is a low risk of mechanical damage.

Annex:

[IECEX_QPS_25.0010X_0_Annex.pdf](#)

2. NOMENCLATURE for ECXC/ (Chalmit brand)

Example: Catalog Number ECXC/01L/LE

Series Designation	Lumen Output	Options
1	2	3

1- Series Designation = ECXC/

2- Lumen Output (Approximate Lumens in Thousands)

	01L/LE	02L/LE	04L/LE	06L/LE
Watts				
Lumens	1000	2000	4000	6000

3- Options

/PE Pendant mount version (for M25 conduit)

/ST Stanchion mount version (to suit pole threaded 1¼ NPT)

/D Zone 22 dust applications (with external earth plug)

/WM Wall mount version

/4K 4000K (Neutral White) LED Array

/3K 3000K (Warm White) LED Array