

QPS Evaluation Services Inc

Testing, Certification and Field Evaluation Body Accredited in Canada, the USA, and Internationally

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File LR1728

CERTIFICATE OF COMPLIANCE

(ISO TYPE 3 CERTIFICATION SYSTEM)

Issued to Killark - A Division of Hubbell Inc.

Address 2112 Fenton Logistics Park Blvd.

Fenton, MO 63026 USA

Project Number LR1728-3

Product LED Luminaires for use in hazardous locations with optional Battery Backup, Reflectors (Domed type and

Angle).

Model Number

MBLX Series is followed by alphanumeric suffixes denoting electrical and mechanical variations. (See

Nomenclature breakdown below)

Electrical Ratings 120-277 VAC 50/60Hz, 377-480 Vac 50/60Hz, 105-250 Vdc

Ex Markings Class I, Division 2, Groups A, B, C and D; T5.

Class I, Zone 2, Groups IIC, IIB, IIA; (US only): Class II, Division 1, Groups E, F and G; T5; Class III; Marine Rated (US Only)

T_{amb}: -40°C to 55°C and 65°C (Standard Version).

T_{amb}: -20°C to 40°C (Battery Backup Version)

Edition Standard Number Date CAN/CSA-C22.2 No. 25-17 2017 CAN/CSA-C22.2 No. 94.2 2nd 2015 CAN/CSA-C22.2 No. 137-18 2018 CAN/CSA-C22.2 No. 250.13:20 2020 UL 50E 2020 2020 **UL 844** 13th 2012 UL 1598 5th 2021 UL 1598A 1st 2000 UL 8750 2nd 2021 ANSI/IEC 60529:2004 R2011

Factory/Manufacturing Location Killark - A Division of Hubbell Inc.

2112 Fenton Logistics Park Blvd., Fenton, MO 63026 USA

Special Conditions of Use None

Statement of Compliance: The product(s) identified in this Certificate and described in the Report covered under the above referenced project number have been investigated and found to be in compliance with the relevant requirements of the above referenced standard(s). As such, they are eligible to bear the QPS Certification Mark shown below, in accordance with the provisions of QPS's Service Agreement.

IMPORTANT NOTE: Certification will be revoked if compliance to the latest versions of the standard(s) is not maintained and/or if the product/equipment is modified after certification is granted without prior written consent by QPS.



Issued By: Dave Adams, P.Eng.

Applicable Standards

Signature: Date: February 7, 2025







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NOMENCLATURE:

The complete luminaire catalog number is as follows:

Example: Cat. No. MBLX 6 iE.

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MBLX 6 iE1 30 A 2 G.00
                              1 2 3 4 56 7
1-Series Designation-MBLX (Series Constant).
2-Lumen Output in 1000s of Lumens
           1 - 1000 lm,
           2 - 2000 lm,
           4 - 4000 lm.
           6 - 6000 lm
3-Battery Backup (optional)
           - iE05-500 Lumen (180 Min)
           - iE1 – 1000 Lumen (90 Min)
4-Voltage - Input supply
           30 -
                      120 thru 277 VAC, 50/60 Hz
           33 -
                      347 thru 480 VAC, 50/60 Hz
           34 -
                      105 thru 250 VDC
5-Mounting Splice Box
           Α-
                      Pendant
           B -
                      Wall
                      Ceiling
           D - Stanchion 25°
6-Entry Size
           Blank-no splice box
           2 - ¾" NPT
           3 - 1" NPT
           4 - 1 1/4" NPT
           5 - 11/2" NPT
7-Options
           YYZZ - White LED Chromaticity where
           YY= correlated color temperature (CCT) minimum 3000K;
           ZZ= Color Rendering Index (CRI) maximum 95
           (No value=Standard 5000K CCT 70 CRI minimum)
           ÀR – Angled Reflector (MBLXAR)
           DR - Dome Reflector (MBLXDR)
           SP – Add Supplemental Surge Protection
           TBx -- Terminal Blocks (may be alphanumeric to indicate terminals)
           xH - Optional Paint (i.e. RH = Red Housing)
           Guard
           G - With Guard
           N – No Guard
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