Type Examination Certificate CML 15ATEX4081X Issue 2

1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

2 Equipment **LAL, LALFP, LALE and LALFPiE Series LED Luminaires**

3 Manufacturer **Killark, a Division of Hubbell Inc. (Delaware)** **Hubbell Ltd T/A Chalmit Lighting, Victor Products and Transtar**

4 Address **2112 Fenton Logistics Park Blvd, Fenton, MO 63026, USA** **388 Hillington Road, Glasgow, G52 4BL, United Kingdom**

5 The equipment is specified in the description of this certificate and the documents to which it refers.

6 Certification Management Limited, Unit 1 Newport Business Park, New Port Road, Ellesmere Port CH65 4LZ, UK, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design of equipment intended for use in potentially explosive atmospheres given in Annex II of Directive 2014/34/EU.

The examination and test results are recorded in the confidential reports listed in Section 12.

7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.

8 This Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Annex VIII apply to the manufacture of the equipment or component and are separately certified.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

EN 60079-0:2012+A11:2013 EN IEC 60079-7:2015+A1:2018

10 The equipment shall be marked with the following:

LAL, LALFP Series

II 3 G

Ex ec IIC T4/T5* Gc

Ta = -40°C to +40°C/+55°C/+65°C

LALE, LALFPiE Series

II 3 G

Ex ec IIC T5 Gc

Ta = -20°C to +40°C/ +50°C

**Depending on model, power rating and ambient temperature*

R C Marshall
Certification Officer

11 Description

The LAL, LALFP, LALE and LALFPiE series luminaires are LED lighting units intended to be installed in a permanent location where moisture, dirt, dust, and hazardous atmospheres are present.

The luminaire enclosures comprise an extruded aluminum body with access plate and end caps, and a polycarbonate LED lens with the ingress protection of IP66/IP67.

An optional earthquake Safety Chain is incorporated in to the end cap. The enclosure houses LED board(s), LED driver, fusing, terminal blocks, surge protection and in the case of the LALE/LALFPiE series a battery back-up.

The LAL and LALFP series are rated at 120-277 VAC 50/60 Hz, 108-250 VDC or 12-24 VDC. The 150W version (length 'L6') has the LED driver housed in a separate compartment.

The LALFP is a version of the LAL series with a smooth exterior housing suitable for use in food processing areas.

The LALE and LALFPiE series are rated at 120-277 VAC 50/60Hz with battery backup for 90 minutes at 1/3 output power. The LALFPiE is a version of the LALE series with a smooth exterior housing suitable for use in food-processing areas.

The following model numbers are covered by this certificate:

Series LAL and LALE:

1	2	3	4	6	7

Series LALFP and LALFPiE:

1	2	3	4	5	6	7

1	Model Series	LAL (Standard Version) LALE (Emergency Version) LALFP (Food Processing Version) LALFPiE (Food Processing Emergency Version)	
2	Type of Lens-Output Light / Wattage	LAL or LALC (Watts) C15 – 1 PCB C18 – 1 PCB C20 – 1 PCB C23 – 1 PCB C25 – 1 PCB C30 – 1 PCB C35 – 1 PCB C40 – 1 PCB C45 – 1 PCB C50 – 1 PCB 13 – 2 PCB 18 – 2 PCB 28 – 2 PCB 32 – 2 PCB	LALFP (Lumens) 1 – 1000 2 – 2000 3 – 3000 4 – 4000 5 – 5000 6 – 6000 7 – 7000 8 – 8000 9 – 9000 10 – 10000 11 – 11000 12 – 12000 13 – 13000 14 – 14000

		45 – 2 PCB 52 – 2 PCB 19 – 3 PCB 26 – 3 PCB 40 – 3 PCB 60 – 3 PCB 77 – 3 PCB 27 – 4 PCB 34 – 4 PCB 55 – 4 PCB 80 – 4 PCB 100 – 4 PCB 39 – 6 PCB 50 – 6 PCB 75 – 6 PCB 120 – 6 PCB 150 – 6 PCB	15 – 15000 16 – 16000 17 – 17000 18 – 18000 19 – 19000 20 – 20000 21 – 21000 22 – 22000 23 – 23000 24 – 24000 25 – 25000 26 – 26000 27 – 27000 28 – 28000 29 – 29000 30 – 30000
3	DC Wattage	Emergency Version Model: LALE Blank: No DC battery Wattage E13: 13 Watts E26: 26 Watts Emergency Version model: LALFPiE iE1: 1000 Lumens iE3: 3000 Lumens (0°C ≤ Tamb ≤ +40°C)	
4	Input Voltage	30: 120-277 V ac, 34: 108-250Vdc; 120-277 Vac. 27: 12-24 Vdc	
5	Length to the nearest foot (optional)	L3: Housing Approximately 3 feet long. 1 long lens L4: Housing Approximately 4 feet long. 1 long lens L5: Housing Approximately 5 feet long. 2 long lenses L6: Housing Approximately 6 feet long. 2 long lenses	
6	Lens Type	C - Clear Lens D - Diffuse Lens	
7	Options	Lxx: Special Length TBx: Terminal Blocks (x =variations) TBLx: Terminal Blocks (x = variations) QD: Quick Disconnect Hxxxx: Hook for LALCR – xxxxx SO Type cord length & Acceptor plug S52: 1 Endcap with ½” and M20 entries D52: Both endcaps with ½” and M20 entries D20: 2 M20 Entries (adapter) on one end only D202: 2 M20 on both end caps D2050: 2 M20 on one end cap 2 ½” NPT on the other D50: 2 ½” NPT on one end only D502: 2 ½” NPT on both end caps LSP: Less Surge Protector 2AP: Dual Access Plates for Wiring (Standard Single Access Plate)	

		NAP: No Access Plate FTW: Feed Through Wiring without Terminal Blocks GH: Gray Painted Housing, Access Plates and End Caps GE: Gray Painted Access Plate(s) and End Caps Only

The following temperature classes, maximum surface temperatures and supply wire temperature apply:

Model		LAL, LALE, LALFP, LALFPiE*			LAL, LALFP			LAL, LALFP			LALE, LALFPiE*		
Ambient Temp		+40°C			+55°C			+65°C			+50°C		
Wattage	No. LED PCBs	IIC Gc	IIIC Db	Supply Wire Temp °C	IIC Gc	IIIC Db	Supply Wire Temp °C	IIC Gc	IIIC Db	Supply Wire Temp °C	IIC Gc	IIIC Db	Supply Wire Temp °C
C15	1	T5	95	75	T4	95	90	--	--	--	--	--	--
C18	1	T5	95	75	T4	95	90	--	--	--	--	--	--
C20	1	T5	95	75	T5	95	90	--	--	--	--	--	--
C23	1	T5	95	75	T5	95	90	--	--	--	--	--	--
C25	1	T5	95	75	T4	95	90	--	--	--	--	--	--
C30	1	T5	95	75	T4	95	90	--	--	--	--	--	--
C35	1	T5	95	75	T4	95	90	--	--	--	--	--	--
C40	1	T5	95	75	T5	95	90	--	--	--	--	--	--
C45	1	T5	95	75	T5	95	90	--	--	--	--	--	--
C50	1	T5	95	90	--	--	--	--	--	--	--	--	--
13	2	T5	95	75	T5	95	75	T4	120	90	T5	95	75
18	2	T5	95	75	T5	95	75	T4	120	90	T5	95	75
28	2	T5	95	75	T5	95	75	T4	120	90	T5	95	75
45	2	T5	95	75	T5	95	90	T4	120	90	T5	95	90
19	3	T5	95	75	T5	95	75	T4	120	90	T5	95	75
26	3	T5	95	75	T5	95	75	T4	120	90	T5	95	75
40	3	T5	95	75	T5	95	90	--	--	--	T5	95	90
60	3	T5	95	75	T5	95	90	--	--	--	T5	95	90
27	4	T5	95	75	T5	95	75	T4	120	90	T5	95	75
34	4	T5	95	75	T5	95	90	--	--	--	T5	95	90
55	4	T5	95	75	T5	95	90	--	--	--	T5	95	90
80	4	T5	95	75	T5	95	90	--	--	--	T5	95	90
39	6	T5	95	75	T5	95	90	--	--	--	T5	95	90
50	6	T5	95	75	T5	95	90	--	--	--	T5	95	90
75	6	T5	95	75	T5	95	90	--	--	--	T5	95	90
120	6	T5	95	75	T5	95	90	--	--	--	T5	95	90
150	4	T5	95	75	--	--	--	--	--	--	--	--	--

Note: "--" indicates there is no luminaire available at this ambient temperature
"*" applicable to the LED luminaire with battery backup option iE1 and iE3 only. Option 'iE3' only suitable for use in ambient temperature of 0°C to +40°C.

Variation 1
This variation introduces the following modifications,

i. To update the certificate reference to the 2014/34/EU Directive
ii. To update dust markings to include “op is”
iii. To align Maximum Surface Temperature and Temperature Class markings
iv. The addition of the LALFP and LALFPiE models
v. To allow alternative LED types to be used
vi. To allow an alternative LED driver to be used
vii. The addition of an L6 (6 foot) higher lumen output version with the driver in an adjacent compartment.
viii. The description and marking has been altered to account for the above modifications

Variation 2

This variation introduces the following modifications:

i. Update of the drawing package.
ii. Assess the equipment against the requirements of EN IEC 60079-7:2015+A1:2018
iii. Change the manufacturer’s and applicant’s address to 2112 Fenton Logistics Park Blvd, Fenton, MO 63026.
iv. To allow for the option of a new type of LED (NFSW 757GT – V1/SM505 (R70 or R8000))
v. To allow for the option of a new type of terminal (MOLEX 10418801010 SMT term block w push button connector)
vi. The description and marking have been altered to account for the above modifications.

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	15 Dec 2015	R884A/00	Issue of Prime Certificate
1	08 Jan 2018	R2296A/00	Introduction of Variation 1
2	22 Nov 2019	R12736A/00	Introduction of Variation 2

Note: Drawings that describe the equipment or component are listed in the Annex.

13 Conditions of Manufacture

None.

14 Specific Conditions of Use (Special Conditions)

The following conditions relate to safe installation and/or use of the equipment.

i. The luminaire shall only be installed where there is a low risk of mechanical damage.
ii. The luminaire is a potential electrostatic charging hazard, therefore shall only be cleaned with damp cloth.

Certificate Annex

Certificate Number	**CML 15ATEX4081X**
Equipment	**LAL, LALFP, LALE and LALFPiE Series LED Luminaires**
Manufacturer	**Killark, a Division of Hubbell Inc. (Delaware) Hubbell Ltd T/A Chalmit Lighting, Victor Products and Transtar**

The following documents describe the equipment or component defined in this certificate:

Issue 0

Drawing No.	Sheets	Rev	Approved Date	Title
B-24468	1 of 2	B	15 Dec 2015	Label, Product, LAL Series Non-Emergency
B-24468	2 of 2	B	15 Dec 2015	Label, Product, LAL Series Emergency
C-24494	1of 2	1	15 Dec 2015	End Cap, LAL Rig, Cast
C-24494	2 of 2	1	15 Dec 2015	End Cap, LAL Rig. CAST
93043566-2000	1 of 1	A	15 Dec 2015	ASSY-SMT 120LED 2323/757 RECT LG
93059756-2000	1 of 1	A	15 Dec 2015	ASSY-SMT 105 NCH 757 RECT L
B - 23278	1 of 2	B	15 Dec 2015	LED MCPCB ARRAY, 15 NICHIA 219B
B - 23278	2 of 2	B	15 Dec 2015	LED MCPCB ARRAY,12 NICHIA 219B 12 LEDS
B - 23292	1 of 2	C	15 Dec 2015	LED MCPCB ARRAY, 20 CREE XM-L
B - 23292	2 of 2	C	15 Dec 2015	LED MCPCB ARRAY, 17 CREE XM-L
B - 23347	1 of 1	C	15 Dec 2015	GASKET, ACCESS COVER, KFL FLOOD
B - 23878	1 of 1	A	15 Dec 2015	LED ARRAY, 132 NICHIA NFSW757D
C - 23903	1 of 3	A	15 Dec 2015	EXTRUSION, LINEAR LED EXTRUDED
C - 23903	2 of 4	B	15 Dec 2015	EXTRUSION, LINEAR LED MACHINED
C - 23903	3 of 4	B	15 Dec 2015	EXTRUSION, LINEAR LED
C - 23903	4 of 4	A	15 Dec 2015	EXTRUSION, LINEAR LED
C - 24075	1 of 2	A	15 Dec 2015	CVR, END CAP, CAST
C-24076	1 of 2	A	15 Dec 2015	ASSEMBLY, LINEAR LED, LAL SERIES
C-24076	2 of 2	A	15 Dec 2015	ASSEMBLY, LINEAR LED, LAL SERIES
C - 24077	1 of 1	B	15 Dec 2015	LENS, LINEAR LED
C - 24079	1 of 1	A	15 Dec 2015	PANEL, ACCESS COVER
B - 24080	1 of 1	A	15 Dec 2015	GKST, END CAP, LAL SERIES
C- 24399	1 of 1	A	15 Dec 2015	LENS, PC, LALC
24485	1 of 1	A	15 Dec 2015	ASSY LED CEM3, 120 NICHIA NFSW757D

Certificate Annex

Certificate Number	**CML 15ATEX4081X**
Equipment	**LAL, LALFP, LALE and LALFPiE Series LED Luminaires**
Manufacturer	**Killark, a Division of Hubbell Inc. (Delaware) Hubbell Ltd T/A Chalmit Lighting, Victor Products and Transtar**

Issue 1

Drawing No.	Sheets	Rev	Approved Date	Title
25666	1 of 1	A	08 Jan 2018	ASM, LA(FP)L 6' SERIES
B-24468	1 of 2	C	08 Jan 2018	Label, Product, LAL Series, Non-emergency
B-24468	2 of 2	C	08 Jan 2018	Label, Product, LAL Series, Emergency Version

Issue 2

Drawing No.	Sheets	Rev	Approved Date	Title
B-24468	1 of 2	D	22 Nov 2019	Label, product, LAL series Non-emergency
B-24468	2 of 2	D	22 Nov 2019	Label, product, LAL series emergency version
B-24485	1 of 1	C	22 Nov 2019	Assy LED CEM3, 120 Nichia NFSW757G
B-24485	2 of 2	A	22 Nov 2019	Assy LED CEM3, 120 Nichia NFSW757G 3500K Color Temp

EU Type Examination Certificate CML 15ATEX3082X Issue 2

1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

2 Equipment **LAL, LALFP, LALE and LALFPiE Series LED Luminiares**

3 Manufacturer **Killark, a Division of Hubbell Inc. (Delaware)** **Hubbell Ltd T/A Chalmit Lighting, Victor Products and Transtar**

4 Address **2112 Fenton Logistics Park Blvd, Fenton, MO 63026, USA** **388 Hillington Road, Glasgow, G52 4BL, United Kingdom**

5 The equipment is specified in the description of this certificate and the documents to which it refers.

6 Certification Management Limited, Unit 1 Newport Business Park, New Port Road, Ellesmere Port CH65 4LZ, UK, Notified Body Number 2503, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 12.

7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.

8 This EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

EN 60079-0:2012+A11:2013 EN 60079-28:2015 EN 60079-31:2014

10 The equipment shall be marked with the following:

LAL, LALFP Series

II 2 D

Ex op is tb IIIC T95°C/T120°C* Db

Ta= -40°C to +40°C/+55°C/+65°C

LALE, LALFPiE Series

II 2 D

Ex op is tb IIIC T95°C Db

Ta= -20°C to +40°C/+50°C

**Depending on model, power rating and ambient temperature*

R C Marshall
Certification Officer

11 Description

The LAL, LALFP, LALE and LALFPiE series luminaires are LED lighting units intended to be installed in a permanent location where moisture, dirt, dust, and hazardous atmospheres are present.

The luminaire enclosures comprise an extruded aluminum body with access plate and end caps, and a polycarbonate LED lens with the ingress protection of IP66/IP67.

An optional earthquake Safety Chain is incorporated in to the end cap. The enclosure houses LED board(s), LED driver, fusing, terminal blocks, surge protection and in the case of the LALE/LALFPiE series a battery back-up.

The LAL and LALFP series are rated at 120-277 VAC 50/60 Hz, 108-250 VDC or 12-24 VDC. The 150W version (length 'L6') has the LED driver housed in a separate compartment.

The LALFP is a version of the LAL series with a smooth exterior housing suitable for use in food processing areas.

The LALE and LALFPiE series are rated at 120-277 VAC 50/60Hz with battery backup for 90 minutes at 1/3 output power. The LALFPiE is a version of the LALE series with a smooth exterior housing suitable for use in food-processing areas.

The following model numbers are covered by this certificate:

Series LAL and LALE:

1	2	3	4	6	7

Series LALFP and LALFPiE:

1	2	3	4	5	6	7

1	Model Series	LAL (Standard Version) LALE (Emergency Version) LALFP (Food Processing Version) LALFPiE (Food Processing Emergency Version)	
2	Type of Lens-Output Light / Wattage	LAL or LALC (Watts) C15 – 1 PCB C18 – 1 PCB C20 – 1 PCB C23 – 1 PCB C25 – 1 PCB C30 – 1 PCB C35 – 1 PCB C40 – 1 PCB C45 – 1 PCB C50 – 1 PCB 13 – 2 PCB 18 – 2 PCB 28 – 2 PCB	LALFP (Lumens) 1 – 1000 2 – 2000 3 – 3000 4 – 4000 5 – 5000 6 – 6000 7 – 7000 8 – 8000 9 – 9000 10 – 10000 11 – 11000 12 – 12000 13 – 13000

		32 – 2 PCB 45 – 2 PCB 52 – 2 PCB 19 – 3 PCB 26 – 3 PCB 40 – 3 PCB 60 – 3 PCB 77 – 3 PCB 27 – 4 PCB 34 – 4 PCB 55 – 4 PCB 80 – 4 PCB 100 – 4 PCB 39 – 6 PCB 50 – 6 PCB 75 – 6 PCB 120 – 6 PCB 150 – 6 PCB	14 – 14000 15 – 15000 16 – 16000 17 – 17000 18 – 18000 19 – 19000 20 – 20000 21 – 21000 22 – 22000 23 – 23000 24 – 24000 25 – 25000 26 – 26000 27 – 27000 28 – 28000 29 – 29000 30 – 30000
3	DC Wattage	Emergency Version Model: LALE Blank: No DC battery Wattage E13: 13 Watts E26: 26 Watts Emergency Version model: LALFPiE iE1: 1000 Lumens iE3: 3000 Lumens (0°C ≤ Tamb ≤ +40°C)	
4	Input Voltage	30: 120-277 V ac, 34: 108-250Vdc; 120-277 Vac. 27: 12-24 Vdc	
5	Length to the nearest foot (optional)	L3: Housing Approximately 3 feet long. 1 long lens L4: Housing Approximately 4 feet long. 1 long lens L5: Housing Approximately 5 feet long. 2 long lenses L6: Housing Approximately 6 feet long. 2 long lenses	
6	Lens Type	C - Clear Lens D - Diffuse Lens	
7	Options	Lxx: Special Length TBx: Terminal Blocks (x =variations) TBLx: Terminal Blocks (x = variations) QD: Quick Disconnect Hxxxx: Hook for LALCR – xxxxx SO Type cord length & Acceptor plug S52: 1 Endcap with ½" and M20 entries D52: Both endcaps with ½" and M20 entries D20: 2 M20 Entries (adapter) on one end only D202: 2 M20 on both end caps D2050: 2 M20 on one end cap 2 ½" NPT on the other D50: 2 ½" NPT on one end only D502: 2 ½" NPT on both end caps LSP: Less Surge Protector	

		2AP: Dual Access Plates for Wiring (Standard Single Access Plate) NAP: No Access Plate FTW: Feed Through Wiring without Terminal Blocks GH: Gray Painted Housing, Access Plates and End Caps GE: Gray Painted Access Plate(s) and End Caps Only

The following temperature classes, maximum surface temperatures and supply wire temperature apply:

Model		LAL, LALE, LALFP, LALFPiE*			LAL, LALFP			LAL, LALFP			LALE, LALFPiE*		
Ambient Temp		+40°C			+55°C			+65°C			+50°C		
Wattage	No. LED PCBs	IIC Gc	IIIC Db	Supply Wire Temp °C	IIC Gc	IIIC Db	Supply Wire Temp °C	IIC Gc	IIIC Db	Supply Wire Temp °C	IIC Gc	IIIC Db	Supply Wire Temp °C
C15	1	T5	95	75	T4	95	90	--	--	--	--	--	--
C18	1	T5	95	75	T4	95	90	--	--	--	--	--	--
C20	1	T5	95	75	T5	95	90	--	--	--	--	--	--
C23	1	T5	95	75	T5	95	90	--	--	--	--	--	--
C25	1	T5	95	75	T4	95	90	--	--	--	--	--	--
C30	1	T5	95	75	T4	95	90	--	--	--	--	--	--
C35	1	T5	95	75	T4	95	90	--	--	--	--	--	--
C40	1	T5	95	75	T5	95	90	--	--	--	--	--	--
C45	1	T5	95	75	T5	95	90	--	--	--	--	--	--
C50	1	T5	95	90	--	--	--	--	--	--	--	--	--
13	2	T5	95	75	T5	95	75	T4	120	90	T5	95	75
18	2	T5	95	75	T5	95	75	T4	120	90	T5	95	75
28	2	T5	95	75	T5	95	75	T4	120	90	T5	95	75
45	2	T5	95	75	T5	95	90	T4	120	90	T5	95	90
19	3	T5	95	75	T5	95	75	T4	120	90	T5	95	75
26	3	T5	95	75	T5	95	75	T4	120	90	T5	95	75
40	3	T5	95	75	T5	95	90	--	--	--	T5	95	90
60	3	T5	95	75	T5	95	90	--	--	--	T5	95	90
27	4	T5	95	75	T5	95	75	T4	120	90	T5	95	75
34	4	T5	95	75	T5	95	90	--	--	--	T5	95	90
55	4	T5	95	75	T5	95	90	--	--	--	T5	95	90
80	4	T5	95	75	T5	95	90	--	--	--	T5	95	90
39	6	T5	95	75	T5	95	90	--	--	--	T5	95	90
50	6	T5	95	75	T5	95	90	--	--	--	T5	95	90
75	6	T5	95	75	T5	95	90	--	--	--	T5	95	90
120	6	T5	95	75	T5	95	90	--	--	--	T5	95	90
150	4	T5	95	75	--	--	--	--	--	--	--	--	--

Note: "--" indicates there is no luminaire available at this ambient temperature
"*" applicable to the LED luminaire with battery backup option iE1 and iE3 only. Option 'iE3' only suitable for use in ambient temperature of 0°C to +40°C.

Variation 1

This variation introduces the following modifications:

i. To update the certificate reference to the 2014/34/EU Directive
ii. To update dust markings to include “op is”
iii. To align Maximum Surface Temperature and Temperature Class markings
iv. The addition of the LALFP and LALFPiE models
v. To allow alternative LED types to be used
vi. To allow an alternative LED driver to be used
vii. The addition of an L6 (6 foot) higher lumen output version with the driver in an adjacent compartment.
viii. The description and marking has been altered to account for the above modifications

Variation 2

This variation introduces the following modifications:

i. Update of the drawing package.
ii. Assess the equipment against the requirements of EN IEC 60079-7:2015+A1:2018
iii. Change the manufacturer’s and applicant’s address to 2112 Fenton Logistics Park Blvd, Fenton, MO 63026.
iv. To allow for the option of a new type of LED (NFSW 757GT – V1/SM505 (R70 or R8000))
v. To allow for the option of a new type of terminal (MOLEX 10418801010 SMT term block w push button connector)
vi. The description and marking have been altered to account for the above modifications.

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	15 Dec 2015	R884A/00	Issue of Prime Certificate
1	08 Jan 2018	R2296A/00	Introduction of Variation 1
2	22 Nov 2019	R12736A/00	Introduction of Variation 2

Note: Drawings that describe the equipment or component are listed in the Annex.

13 Conditions of Manufacture

None.

14 Specific Conditions of Use (Special Conditions)

The following conditions relate to safe installation and/or use of the equipment.

i. The luminaire shall only be installed where there is a low risk of mechanical damage.
ii. The luminaire is a potential electrostatic charging hazard, therefore shall only be cleaned with damp cloth.

Certificate Annex

Certificate Number	**CML 15ATEX3082X**
Equipment	**LAL, LALFP, LALE and LALFPiE Series LED Luminaires**
Manufacturer	**Killark, a Division of Hubbell Inc. (Delaware) Hubbell Ltd T/A Chalmit Lighting, Victor Products and Transtar**

The following documents describe the equipment or component defined in this certificate:

Issue 0

Drawing No.	Sheets	Rev	Approved Date	Title
B-24468	1 of 2	B	15 Dec 2015	Label, Product, LAL Series Non-Emergency
B-24468	2 of 2	B	15 Dec 2015	Label, Product, LAL Series Emergency
C-24494	1of 2	1	15 Dec 2015	End Cap, LAL Rig, Cast
C-24494	2 of 2	1	15 Dec 2015	End Cap, LAL Rig. CAST
93043566-2000	1 of 1	A	15 Dec 2015	ASSY-SMT 120LED 2323/757 RECT LG
93059756-2000	1 of 1	A	15 Dec 2015	ASSY-SMT 105 NCH 757 RECT L
B - 23278	1 of 2	B	15 Dec 2015	LED MCPCB ARRAY, 15 NICHIA 219B
B - 23278	2 of 2	B	15 Dec 2015	LED MCPCB ARRAY,12 NICHIA 219B 12 LEDS
B - 23292	1 of 2	C	15 Dec 2015	LED MCPCB ARRAY, 20 CREE XM-L
B - 23292	2 of 2	C	15 Dec 2015	LED MCPCB ARRAY, 17 CREE XM-L
B - 23347	1 of 1	C	15 Dec 2015	GASKET, ACCESS COVER, KFL FLOOD
B - 23878	1 of 1	A	15 Dec 2015	LED ARRAY, 132 NICHIA NFSW757D
C - 23903	1 of 3	A	15 Dec 2015	EXTRUSION, LINEAR LED EXTRUDED
C - 23903	2 of 4	B	15 Dec 2015	EXTRUSION, LINEAR LED MACHINED
C - 23903	3 of 4	B	15 Dec 2015	EXTRUSION, LINEAR LED
C - 23903	4 of 4	A	15 Dec 2015	EXTRUSION, LINEAR LED
C - 24075	1 of 2	A	15 Dec 2015	CVR, END CAP, CAST
C-24076	1 of 2	A	15 Dec 2015	ASSEMBLY, LINEAR LED, LAL SERIES
C-24076	2 of 2	A	15 Dec 2015	ASSEMBLY, LINEAR LED, LAL SERIES
C - 24077	1 of 1	B	15 Dec 2015	LENS, LINEAR LED
C - 24079	1 of 1	A	15 Dec 2015	PANEL, ACCESS COVER
B - 24080	1 of 1	A	15 Dec 2015	GKST, END CAP, LAL SERIES
C- 24399	1 of 1	A	15 Dec 2015	LENS, PC, LALC
24485	1 of 1	A	15 Dec 2015	ASSY LED CEM3, 120 NICHIA NFSW757D

Certificate Annex

Certificate Number	**CML 15ATEX3082X**
Equipment	**LAL, LALFP, LALE and LALFPiE Series LED Luminaires**
Manufacturer	**Killark, a Division of Hubbell Inc. (Delaware) Hubbell Ltd T/A Chalmit Lighting, Victor Products and Transtar**

Issue 1

Drawing No.	Sheets	Rev	Approved Date	Title
25666	1 of 1	A	08 Jan 2018	ASM, LA(FP)L 6' SERIES
B-24468	1 of 2	C	08 Jan 2018	Label, Product, LAL Series, Non-emergency
B-24468	2 of 2	C	08 Jan 2018	Label, Product, LAL Series, Emergency Version

Issue 2

Drawing No.	Sheets	Rev	Approved Date	Title
B-24468	1 of 2	D	22 Nov 2019	Label, product, LAL series Non-emergency
B-24468	2 of 2	D	22 Nov 2019	Label, product, LAL series emergency version
B-24485	1 of 1	C	22 Nov 2019	Assy LED CEM3, 120 Nichia NFSW757G
B-24485	2 of 2	A	22 Nov 2019	Assy LED CEM3, 120 Nichia NFSW757G 3500K Color Temp

EU Declaration Of Conformity

Manufacturer :	Killark Electric , Div of Hubbell Inc.(Delaware), 2112 Fenton Logistics Park Blvd , Fenton, MO 63026, USA Tel : (314) 531-0460 | Email: killarkinfo@hubbell.com

Declares in its sole responsibility that the product mentioned below

Product Designation :	LED Luminaires
Type Designation :	LAL, LALC,LALFP, LALE and LALFPiE

is in conformity with the essential protection requirements of the following Directive(s),Certification Scheme(s) and Standard(s).

Directive(s) / Scheme(s)	Standard(s)
2014/34/EU ATEX Directive	EN 60079-0:2012+A11:2013 EN 60079-15:2010 EN 60079-28:2015 EN 60079-31:2014
IEC Certification Scheme For Explosive Atmosphere	IEC 6007-0:2011, Ed. 6.0 IEC 60079-7:2015, Ed. 5.0 IEC 60079-31:2013, Ed. 2.0

Type Examination Certificate

ATEX	IECEx
CML 15 ATEX 3082X Issue No. 1 CML 15 ATEX 4081X Issue No. 1	IECEx QPS 15.0010X Issue No. 3

Certification Body

ATEX	IECEx
Certification Management Limited, Unit 1 Newport Business Park, New Port Road, Ellesmere Port CH65 4LZ,UK Reg No.: 2503	QPS Evaluation Services Inc, 81 Kelfield St,Unit 8 Toronto, Ontario M9W 5A3, Canada.

Marking *(Note 1)*

ATEX	IECEx
II 3G Ex nA IIC T4 / T5 Gc II 2D Ex tb op is IIIC T120 ^{0}C / T95 ^{0}C Db CE 2813 Ta= -40 ^{0}C to +65 ^{0}C	Ex ec IIC T4 / T5 Gc Ex tb IIIC T120 ^{0}C / T95 ^{0}C Db Ta = -40 ^{0}C to +65 ^{0}C

Note 1: Ratings provided are maximum ratings and may vary depend on the components used and their installation.Refer Certificate,Installation & Operating manual and rating plate on equipment for details.

QAN compliance has been approved by Notified Body CSA Group Netherlands B.V.,Utrechtseweg 310,6812 AR, Arnhem,Netherlands. (Notified Body number 2813).

To verify the status and authencity of IECEx Certificate of Conformity, please visit Official IECEx Website

Signature : Thomas J. Michalski

Name : Tom Michalski

Designation : Certifications Manager

Place and Date : Fenton, 25-10-2019