



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 INE 21.0022X** Page 1 of 4 [Certificate history:](#)
Issue 0 (2021-06-23)

Status: **Current** Issue No: 1

Date of Issue: 2023-06-26

Applicant: **ELECTROZEMPER SA**
AVDA de la ciencia, S/N
Parque Industrial Avanzado
13005 CIUDAD REAL
Spain

Equipment: **Led Lighting and Emergency Lighting range SATURNO type LSIPC**, LSIVC**, LSPC**, and L SVC****

Optional accessory:

Type of Protection: **db, tb**

Marking: Ex db IIC T6 Gb
Ex tb IIIC T85°C Db

The complete marking is detailed in Annex.

Approved for issue on behalf of the IECEx
Certification Body:

Position:

Signature:
(for printed version)

Date:
(for printed version)



Thierry HOUÉIX

Ex Certification Officer

Signé électroniquement
Digitally signed by
Thierry HOUÉIX
Ex Certification Officer
Délégué Certification

2023-06-26

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BP n2 / Parc Technologique ALATA
F-60550 Verneuil-en-Halatte
France



controlling risks
for sustainable development



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Manufacturer: **ELECTROZEMPER SA**
AVDA de la ciencia, S/N
Parque Industrial Avanzado
13005 CIUDAD REAL
Spain

Manufacturing
locations: **ELECTROZEMPER SA**
AVDA de la ciencia, S/N
Parque Industrial Avanzado
13005 CIUDAD REAL
Spain

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 60079-1:2014-06](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

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:

[FR/INE/ExTR21.0022/01](#)

Quality Assessment Report:

[FR/INE/QAR17.0004/07](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

This range of lighting and emergency lighting are suitable for explosive gas atmospheres of group IIC protected by flameproof enclosure « Ex db » and for dust group IIIC protected by enclosure « Ex tb ».

The range covers 3 sizes of enclosures E1 (smaller), E2 (middle size) and E3 (bigger). The translucent tube could be made in borosilicate glass or in polycarbonate sealed on the body by means of two cemented joints. The body consists of two caps and a threaded cover made in Aluminum alloy. Two studs made of steel are mounted internally between the sealed caps to ensure the mechanical strength of the assembly. The threaded cover (M126) is installed on the body and can be opened for the access to the installation and maintenance. A hexagonal screw blocks the opening.

An O-ring is fixed on the cover to ensure the IP rating. There are two NPT 3/4 threaded holes on the body for power cable entry.

The luminaires are intended to receive different types of LED array, batteries (for emergency versions) and other electronic devices such as drivers, converter, monitoring modules : the different configurations are detailed in descriptive documents of the manufacturer.

The luminaire in emergency version can contain a battery pack that consists of 3, 4 or 5 cells type Ni-Cd or Ni-MH connected in series with the following options:

- Ni-Cd 1.2V 4.5Ah (D-D4500BT from BST)
- Ni-Cd 1,2V 4Ah (D-D000BT*4H from BST),
- Ni-Cd 1.2V 4,2Ah (VNT D U HC from ARTS)
- Ni-Cd 1.2V 1.6Ah (VNT Cs U from ARTS)
- Ni-MH 1.2V 2.2Ah (GP220SCHT from GP Batteries)
- Ni-MH 1.2V 4Ah (GP400LALHT from GP Batteries)
- Ni-Mh 1.2V 1.6Ah (HSC1600HT from GP Batteries)

Otherwise, the luminaire in emergency version can contain a battery pack LiFePO4 that consists of a single cell from the following list:

- LiFePO4 3.2V 3.0Ah (Model IFR-3.2V3Ah from THLB)
- LiFePO4 3.2V 6.0Ah (Model IFR-3.2V6Ah from THLB)
- LiFePO4 3.2V 9.0Ah (Model IFR-3.2V9Ah from THLB)

The luminaires get the degree of protection IP66 in accordance with IEC 60529.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- During the installation, the user will take into consideration that the equipment underwent only a shock corresponding to an energy of a low risk.
- For the risk from electrostatic discharge, the user shall read the instructions.
- Two studs made of steel are mounted internally between the sealed cap and the body to ensure the mechanical strength of the assembly. The studs must be of quality higher or equal to 5.8.

The other conditions of use are stipulated in the instructions.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

For the Issue 1:

- Introduction new references including wireless communications (LSVC3110LAWP3, LSPC3110LAWP3 and LSPC3110AW)
- Introduction of new references of emergency versions involving LiFePO4 batterie pack.
- Modification of the maximum ambient temperature for the versions made in polycarbonate.
- Introduction of alternative drivers and LED modules.
- Introduction of the references LSIPC**ML and LSIVC**ML including a monitoring module.

Annex:

[IECEX INE 21.0022X-01_Annex.pdf](#)



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PARAMETERS RELATING TO THE SAFETY

The electrical parameters of luminaires and ambient temperatures depending on the different variations are specified in the Table 1 (standard version) and Table 2 (standard and/or emergency version) at the end of the certificate.

For standard version, the luminaires can be used in the following ambient temperature range:

- From -20°C to +50°C: Sizes E1, E2 and E3 made in polycarbonate
- From -20°C to +55°C: Sizes E1, E2, E3 made in glass.

For emergency version, the luminaires can be used in the following ambient temperature range:

- From 0°C to +50°C: Sizes E1, E2 and E3 made in polycarbonate
- From 0°C to +55°C: for Sizes E1, E2, E3 made in glass. When fitted with the battery pack LiFePO4, the maximum ambient temperature allowed is +50°C.

MARKING

Marking has to be readable and indelible; it has to include the following indications:

- ELECTROZEMPER SA
- 13005 CIUDAD REAL – SPAIN
- SATURNO type ... (*)
- IECEx INE 21.0022X
- (Serial number)
- Ex db IIC T6 Gb
- Ex tb IIIC T85°C Db
- IP66
- T. Amb : (**)
- Cable entry: 3/4 NPT
- WARNINGS:
 - DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT
 - POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS

(*) The dots are replaced by a codification according to the manufacturing variations as listed in Table 1 and Table 2 at the end of the certificate.

(**) Range of ambient temperature: See Table 1 and Table 2 at the end of the certificate.

ROUTINE EXAMINATIONS AND TESTS

In accordance with clause 16.1 of the IEC 60079-1 standard each piece of equipment has to have successfully passed, before delivery, an overpressure test during at least 10 seconds under:

- 13.4 bar for the Size E1
- 12.7 bar for the Size E2
- 12.8 bar for the Size E3



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TABLES

TABLE1:Standard luminaire version				
Reference (**)	Rated supply voltage	Flux (lm)	Housing	Ambient Temperature
LSIPC1100	220-240V 50-60Hz/ 220-240Vdc	1250	E1 PC (*)	-20°C +50°C
LSPC1100ML	AC 230V 50-60Hz/ DC 216 V	1250	E1 PC (*)	-20°C +50°C
LSIPC1200	220-240V 50-60Hz / 220-240Vdc	2150	E1 PC (*)	-20°C +50°C
LSPC1200ML	AC 230V 50-60Hz / DC 216 V	2150	E1 PC (*)	-20°C +50°C
LSIPC2200	220-240V 50-60Hz / 220-240Vdc	2500	E2 PC (*)	-20°C +50°C
LSIPC22005	220-240V 50-60Hz/ 220-240VdC	2500	E2 PC (*)	-20°C +50°C
LSIPC2200A	220-240V 50-60Hz/ 220-240Vdc	2500	E2 PC (*)	-20°C +50°C
LSIPC2200AK	220-240V 50Hz	2500	E2 PC (*)	-20°C +50°C
LSIPC2200ML	AC 230V 50-60Hz / DC 216 V	2500	E2 PC (*)	-20°C +50°C
LSIPC2400	220-240V 50-60Hz/ 220-240Vdc	4750	E2 PC (*)	-20°C +50°C
LSIPC2400ML	AC 230V 50-60Hz / DC 216 V	4750	E2 PC (*)	-20°C +50°C
LSIPC3110	220-240V 50-60Hz/ 220-240Vdc	11000	E3 PC (*)	-20°C +50°C
LSIPC3110A	220-240V 50-60Hz/ 220-240Vdc	11000	E3 PC (*)	-20°C +50°C
LSIPC3400	220-240V 50-60Hz/ 220-240Vdc	4750	E3 PC (*)	-20°C +50°C
LSIPC34005	220-240V 50-60Hz/ 220-240Vdc	4750	E3 PC (*)	-20°C +50°C
LSIPC3400A	220-240V 50-60Hz/ 220-240Vdc	4750	E3 PC (*)	-20°C +50°C
LSIPC3400AK	220-240V 50Hz	4750	E3 PC (*)	-20°C +50°C
LSIPC3400ML	AC 230V 50-60Hz / DC 216 V	4750	E3 PC (*)	-20°C +50°C
LSPC3110AW	220-240V 50Hz	11000	E3 PC (*)	-20°C +50°C
LSIVC1100	220-240V 50-60Hz/ 220-240Vdc	1300	E1 V (*)	-20°C +55°C
LSIVC1100ML	AC 230V 50-60Hz / DC 216 V	1300	E1 V (*)	-20°C +55°C
LSIVC1200	220-240V 50-60Hz/ 220-240Vdc	2500	E1 V (*)	-20°C +55°C
LSIVC1200ML	AC 230V 50-60Hz / DC 216 V	2500	E1 V (*)	-20°C +55°C
LSIVC2200	220-240V 50-60Hz / 220-240Vdc	2650	E2 V (*)	-20°C +55°C
LSIVC22005	220-240V 50-60Hz / 220-240Vdc	2650	E2 V (*)	-20°C +55°C
LSIVC2200A	220-240V 50-60Hz/ 220-240Vdc	2650	E2 V (*)	-20°C +55°C
LSIVC2200AK	220-240V 50Hz	2650	E2 V (*)	-20°C +55°C
LSIVC2200ML	AC 230V 50-60Hz / DC 216 V	2650	E2 V (*)	-20°C +55°C
LSIVC2400	220-240V 50-60Hz / 220-240Vdc	5000	E2 V (*)	-20°C +55°C
LSIVC2400ML	AC 230V 50-60Hz / DC 216 V	5000	E2 V (*)	-20°C +55°C
LSIVC3110	220-240V 50-60Hz / 220-240Vdc	11750	E3 V (*)	-20°C +55°C
LSIVC3110A	220-240V 50-60Hz / 220-240Vdc	11750	E3 V (*)	-20°C +55°C
LSIVC3400	220-240V 50-60Hz / 220-240Vdc	5000	E3 V (*)	-20°C +55°C
LSIVC34005	220-240V 50-60Hz / 220-240Vdc	5000	E3 V (*)	-20°C +55°C
LSIVC3400A	220-240V 50-60Hz / 220-240Vdc	5000	E3 V (*)	-20°C +55°C
LSIVC3400AK	220-240V 50Hz	5000	E3 V (*)	-20°C +55°C
LSIVC3400ML	AC 230V 50-60Hz / DC 216 V	5000	E3 V (*)	-20°C +55°C

(*) : PC : Polycarbonate tube, V : Glass tube

(**): The reference could be completed by "G" when the luminaires in grey color and/or "-6500" when the luminaire is provided with LED colors 6500K. For instance: LSIPC1100**G-6500**



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TABLE 2 : Standard and/or emergency luminaire version

Reference	Rated supply voltage	Flux (lm)	Emergency flux (lm)	Housing	Ambient Temperature	Battery pack
LSPC1400EX	220-240V 50-60Hz		350	E1 PC (*)	0°C+50°C	3,6 V 1'6 Ah Ni-Mh
LSPC1400X	220-240V 50-60Hz		350	E1 PC (*)	0°C+50°C	3,6 V 1'6 Ah Ni Cd
LSPC1400X3	220-240V 50-60Hz		350	E1 PC (*)	0°C+50°C	3,6V 4Ah Ni-Cd
LSPC1700EXP	220-240V 50-60Hz	2150	750	E1 PC (*)	0°C+50°C	6V 2,2Ah Ni-Mh
LSPC1700X3	220-240V 50-60Hz		750	E1 PC (*)	0°C+50°C	6V 4Ah Ni-Cd
LSPC1700XP	220-240V 50-60Hz	2150	750	E1 PC (*)	0°C+50°C	6V 1,6Ah Ni-Cd
LSPC2400AP	220-240V 50-60Hz	2500	750	E2 PC (*)	0°C+50°C	6V 1,6Ah Ni-Cd
LSPC2400AP3	220-240V 50-60Hz	2500	750	E2 PC (*)	0°C+50°C	6V 4Ah Ni-Cd
LSPC2400XP	220-240V 50-60Hz	2500	750	E2 PC (*)	0°C+50°C	6V 1,6Ah Ni-Cd
LSPC2400XP3	220-240V 50-60Hz	2500	750	E2 PC (*)	0°C+50°C	6V 4Ah Ni-Cd
LSPC2700AP	220-240V 50-60Hz	4750	750	E2 PC (*)	0°C+50°C	6V 1,6Ah Ni-Cd
LSPC2700AP3	220-240V 50-60Hz	4750	750	E2 PC (*)	0°C+50°C	6V 4Ah Ni-Cd
LSPC2700EX	220-240V 50-60Hz		750	E2 PC (*)	0°C+50°C	6V 2,2Ah Ni-Mh
LSPC2700EXP	220-240V 50-60Hz	4750	750	E2 PC (*)	0°C+50°C	6V 4Ah Ni-Mh
LSPC2700X	220-240V 50-60Hz		750	E2 PC (*)	0°C+50°C	6V 1,6Ah Ni-Cd
LSPC2700X3	220-240V 50-60Hz		750	E2 PC (*)	0°C+50°C	6V 4Ah Ni-Cd
LSPC2700XP	220-240V 50-60Hz	4750	750	E2 PC (*)	0°C+50°C	6V 1,6Ah Ni-Cd
LSPC2700XP3	220-240V 50-60Hz	4750	750	E2 PC (*)	0°C+50°C	6V 4Ah Ni-Cd
LSPC3700AP	220-240V 50-60Hz	4750	750	E3 PC (*)	0°C+50°C	6V 1,6Ah Ni-Cd
LSPC3700AP3	220-240V 50-60Hz	4750	750	E3 PC (*)	0°C+50°C	6V 4Ah Ni-Cd
LSPC3700EXP	220-240V 50-60Hz	4750	750	E3 PC (*)	0°C+50°C	6V 2,2Ah Ni-Mh
LSPC3700XP	220-240V 50-60Hz	4750	750	E3 PC (*)	0°C+50°C	6V 1,6Ah Ni-Cd
LSPC3700XP3	220-240V 50-60Hz	4750	750	E3 PC (*)	0°C+50°C	6V 4Ah Ni-Cd
LSPC3110LAWP3	220-240V 50-60Hz	11000	800	E3 PC (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4
LSPC1400LX	220-240V 50-60Hz		350	E1 PC (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSPC1400LX3	220-240V 50-60Hz		350	E1 PC (*)	0°C+50°C	3.2V 6.0Ah LiFePO4
LSPC1700LX3	220-240V 50-60Hz		750	E1 PC (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4
LSPC1700LXP	220-240V 50-60Hz	2150	750	E1 PC (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSPC2700LX	220-240V 50-60Hz		750	E2 PC (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSPC2700LX3	220-240V 50-60Hz		750	E2 PC (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4
LSPC2400LXP	220-240V 50-60Hz	2500	750	E2 PC (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSPC2700LAP	220-240V 50-60Hz	4750	750	E2 PC (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSPC2400LAP	220-240V 50-60Hz	2500	750	E2 PC (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSPC2700LXP	220-240V 50-60Hz	4750	750	E2 PC (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSPC2400LXP3	220-240V 50-60Hz	2500	750	E2 PC (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4
LSPC2700LAP3	220-240V 50-60Hz	4750	750	E2 PC (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4
LSPC2400LAP3	220-240V 50-60Hz	2500	750	E2 PC (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4
LSPC2700LXP3	220-240V 50-60Hz	4750	750	E2 PC (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4
LSPC3700LAP	220-240V 50-60Hz	4750	750	E3 PC (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSPC3700LXP	220-240V 50-60Hz	4750	750	E3 PC (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSPC3700LAP3	220-240V 50-60Hz	4750	750	E3 PC (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4
LSPC3700LXP3	220-240V 50-60Hz	4750	750	E3 PC (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4
LSVC1400EX	220-240V 50-60Hz		400	E1 V (*)	0°C+55°C	3,6 V 1'6 Ah Ni-Mh
LSVC1400X	220-240V 50-60Hz		400	E1 V (*)	0°C+55°C	3,6 V 1'6 Ah Ni Cd
LSVC1400X3	220-240V 50-60Hz		400	E1 V (*)	0°C+55°C	3,6V 4Ah Ni-Cd
LSVC1700EXP	220-240V 50-60Hz	2500	800	E1 V (*)	0°C+55°C	6V 4Ah Ni-Mh
LSVC1700X3	220-240V 50-60Hz		800	E1 V (*)	0°C+55°C	6V 4Ah Ni-Cd



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TABLE 2 : Standard and/or emergency luminaire version

Reference	Rated supply voltage	Flux (lm)	Emergency flux (lm)	Housing	Ambient Temperature	Battery pack
LSVC1700XP	220-240V 50-60Hz	2500	800	E1 V (*)	0°C+55°C	6V 1,6Ah Ni-Cd
LSVC2400AP	220-240V 50-60Hz	2650	800	E2 V (*)	0°C+55°C	6V 1,6Ah Ni-Cd
LSVC2400XP	220-240V 50-60Hz	2650	800	E2 V (*)	0°C+55°C	6V 1,6Ah Ni-Cd
LSVC2400XP3	220-240V 50-60Hz	2650	800	E2 V (*)	0°C+55°C	6V 4Ah Ni-Cd
LSVC2700AP	220-240V 50-60Hz	5000	800	E2 V (*)	0°C+55°C	6V 1,6Ah Ni-Cd
LSVC2700AP3	220-240V 50-60Hz	5000	800	E2 V (*)	0°C+55°C	6V 4Ah Ni-Cd
LSVC2700EX	220-240V 50-60Hz	5000	800	E2 V (*)	0°C+55°C	6V 2,2Ah Ni-Mh
LSVC2700EXP	220-240V 50-60Hz	5000	800	E2 V (*)	0°C+55°C	6V 4Ah Ni-Mh
LSVC2700X	220-240V 50-60Hz		800	E2 V (*)	0°C+55°C	6V 1,6Ah Ni-Cd
LSVC2700X3	220-240V 50-60Hz		800	E2 V (*)	0°C+55°C	6V 4Ah Ni-Cd
LSVC2700XP	220-240V 50-60Hz	5000	800	E2 V (*)	0°C+55°C	6V 1,6Ah Ni-Cd
LSVC2700XP3	220-240V 50-60Hz	5000	800	E2 V (*)	0°C+55°C	6V 4Ah Ni-Cd
LSVC3700AP	220-240V 50-60Hz	5000	800	E3 V (*)	0°C+55°C	6V 1,6Ah Ni-Cd
LSVC3700AP3	220-240V 50-60Hz	5000	800	E3 V (*)	0°C+55°C	6V 4Ah Ni-Cd
LSVC3700EXP	220-240V 50-60Hz	5000	800	E3 V (*)	0°C+55°C	6V 2,2Ah Ni-Mh
LSVC3700XP	220-240V 50-60Hz	5000	800	E3 V (*)	0°C+55°C	6V 1,6Ah Ni-Cd
LSVC3700XP3	220-240V 50-60Hz	5000	800	E3 V (*)	0°C+55°C	6V 4Ah Ni-Cd
LSVC3110LAWP3	220-240V 50-60Hz	11000	800	E3 V (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4
LSVC1400LX	220-240V 50-60Hz		400	E1 V (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSVC1400LX3	220-240V 50-60Hz		400	E1 V (*)	0°C+50°C	3.2V 6.0Ah LiFePO4
LSVC1700LX3	220-240V 50-60Hz		800	E1 V (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4
LSVC1700LXP	220-240V 50-60Hz	2500	800	E1 V (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSVC2700LX	220-240V 50-60Hz		800	E2 V (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSVC2700LX3	220-240V 50-60Hz		800	E2 V (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4
LSVC2400LXP	220-240V 50-60Hz	2650	800	E2 V (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSVC2700LAP	220-240V 50-60Hz	5000	800	E2 V (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSVC2400LAP	220-240V 50-60Hz	2650	800	E2 V (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSVC2700LXP	220-240V 50-60Hz	5000	800	E2 V (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSVC2400LXP3	220-240V 50-60Hz	2650	800	E2 V (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4
LSVC2400LAP3	220-240V 50-60Hz	2650	800	E2 V (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4
LSVC2700LAP3	220-240V 50-60Hz	5000	800	E2 V (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSVC2700LXP3	220-240V 50-60Hz	5000	800	E2 V (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSVC3700LAP	220-240V 50-60Hz	5000	800	E3 V (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSVC3700LXP	220-240V 50-60Hz	5000	800	E3 V (*)	0°C+50°C	3.2V 3.0Ah LiFePO4
LSVC3700LAP3	220-240V 50-60Hz	5000	800	E3 V (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4
LSVC3700LXP3	220-240V 50-60Hz	5000	800	E3 V (*)	0°C+50°C	3.2 V 9.0Ah LiFePO4

(*) : PC : Polycarbonate tube, V : Glass tube

(**) : The reference could be completed by "G" when the luminaires in grey color and/or "-6500" when the luminaire is provided with LED colors 6500K. For instance: LSPC1400EXG-6500