

CERTIFICATE

Issued to:
Applicant:
Cooper Securite SAS
Parc Européen d'Entreprise RII Rue Beethoven -
BP 10184
63204 Riom, France

Licensee:
Cooper Securite SAS
Parc Européen d'Entreprise RII Rue Beethoven -
BP 10184
63204 Riom, France

Product : Self-contained non-maintained emergency luminaires with LED light source
Trade name(s) : EATON, EATON CEAG, EATON CROMPTON, EATON JSB or
EATON MENVIER
Type(s)/model(s) : BL2MC-A1, BL2MC-A2, BL2MC-A3, BL2MC-A3-C, BL2MC-A3-G, BL2MC-A3-J,
BL2MC-A3-M, BL2MC-C1, BL2MC-C2, BL2MC-C3, BL2MC-C3-C,
BL2MC-C3-G, BL2MC-C3-J, BL2MC-C3-M, BL2MD-C3UK, BL2MD-C3UK-C,
BL2MD-C3UK-G, BL2MD-C3UK-J, BL2MD-C3UK-M, BL2MD-E1, BL2MD-E2,
BL2MD-E3, BL2MD-E3-C, BL2MD-E3-G, BL2MD-E3-J, BL2MD-E3-M,
BT1SC-B1, BT1SC-D1, BT1SD-B3, BT1SD-B3-C, BT1SD-B3-G, BT1SD-B3-J,
BT1SD-B3-M, BT1SL-D2, BT1SL-D3, BT1SL-D3-C, BT1SL-D3-G, BT1SL-D3-J,
BT1SL-D3-M, BT2SC-D1, BT2SL-D2, BT2SL-D2AU, BT2SL-D3, BT2SL-D3-C,
BT2SL-D3-G, BT2SL-D3-J, BT2SL-D3-M, BT2SL-F1 and BT2SL-F2

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60598-1:2015, EN 60598-1:2015/AC:2015, EN 60598-1:2015/AC:2016, EN 60598-1:2015/A1:2018, EN 60598-2-22:2014, EN 60598-2-22:2014/AC:2015, EN 60598-2-22:2014/AC:2016-05 and EN 60598-2-22:2014/AC:2016-09
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2193273

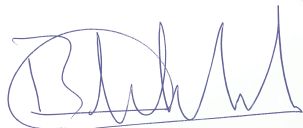
DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 21 January 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-106762

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

| | |
|--|---|
| Product | : Self-contained non-maintained emergency luminaires with LED light source |
| Trade name(s) | : EATON, EATON CEAG, EATON CROMPTON, EATON JSB or EATON MENVIER |
| Type(s)/model(s) | : BL2MC-A1, BL2MC-A2, BL2MC-A3, BL2MC-A3-C, BL2MC-A3-G, BL2MC-A3-J, BL2MC-A3-M, BL2MC-C1, BL2MC-C2, BL2MC-C3, BL2MC-C3-C, BL2MC-C3-G, BL2MC-C3-J, BL2MC-C3-M, BL2MD-C3UK, BL2MD-C3UK-C, BL2MD-C3UK-G, BL2MD-C3UK-J, BL2MD-C3UK-M, BL2MD-E1, BL2MD-E2, BL2MD-E3, BL2MD-E3-C, BL2MD-E3-G, BL2MD-E3-J, BL2MD-E3-M, BT1SC-B1, BT1SC-D1, BT1SD-B3, BT1SD-B3-C, BT1SD-B3-G, BT1SD-B3-J, BT1SD-B3-M, BT1SL-D2, BT1SL-D3, BT1SL-D3-C, BT1SL-D3-G, BT1SL-D3-J, BT1SL-D3-M, BT2SC-D1, BT2SL-D2, BT2SL-D2AU, BT2SL-D3, BT2SL-D3-C, BT2SL-D3-G, BT2SL-D3-J, BT2SL-D3-M, BT2SL-F1 and BT2SL-F2 |
| Rated voltage/nature of supply | : 220 - 240 Vac |
| Rated frequency | : 50/60 Hz |
| Classification | : class II |
| Degree of protection against dust, solid object and moisture | : IP65 |
| Degree of protection against external mechanical impact | : IK07 |
| Description | : Suitable for ceiling / wall mounting. For fixed connection to the supply. |

Product data – type BL2MC-A1

| | |
|---------------------------|-------------------------|
| Output lumen | : 2 x 100 lm |
| Autonomy time | : 1 h |
| Ambient temperature range | : ta = 5...40 °C |
| Battery details | : 4,8V/1,7Ah (4Cs NiCd) |

Product data – type BL2MC-A2

| | |
|---------------------------|-------------------------|
| Output lumen | : 2 x 100 lm |
| Autonomy time | : 2 h |
| Ambient temperature range | : ta = 5... 40 °C |
| Battery details | : 4,8V/1,7Ah (4Cs NiCd) |

Product data – type BL2MC-A3, BL2MC-A3-C, BL2MC-A3-G, BL2MC-A3-J and BL2MC-A3-M

| | |
|---------------------------|-------------------------|
| Output lumen | : 2 x 100 lm |
| Autonomy time | : 3 h |
| Ambient temperature range | : ta = 5... 40 °C |
| Battery details | : 4,8V/1,7Ah (4Cs NiCd) |

Product data – type BL2MC-C1

| | |
|---------------------------|-------------------------|
| Output lumen | : 2 x 200 lm |
| Autonomy time | : 1 h |
| Ambient temperature range | : ta = 5... 40 °C |
| Battery details | : 4,8V/1,7Ah (4Cs NiCd) |

Product data – type BL2MC-C2

| | |
|---------------------------|----------------------|
| Output lumen | : 2 x 200 lm |
| Autonomy time | : 2 h |
| Ambient temperature range | : ta = 5... 40 °C |
| Battery details | : 3,6V/4Ah (3D NiCd) |

Product data – type BL2MC-C3, BL2MC-C3-C, BL2MC-C3-G, BL2MC-C3-J and BL2MC-C3-M

| | |
|---------------------------|----------------------|
| Output lumen | : 2 x 200 lm |
| Autonomy time | : 3 h |
| Ambient temperature range | : ta = 5... 40 °C |
| Battery details | : 7,2V/4Ah (6D NiCd) |

Product data – type BL2MD-C3UK, BL2MD-C3UK-C, BL2MD-C3UK-G, BL2MD-C3UK-J and BL2MD-C3UK-M

| | |
|---------------------------|----------------------|
| Output lumen | : 2 x 200 lm |
| Autonomy time | : 3 h |
| Ambient temperature range | : ta = 5... 40 °C |
| Battery details | : 3,6V/4Ah (3D NiCd) |

Product data – type BL2MD-E1

| | |
|---------------------------|----------------------|
| Output lumen | : 2 x 400 lm |
| Autonomy time | : 1 h |
| Ambient temperature range | : ta = 5... 40 °C |
| Battery details | : 3,6V/4Ah (3D NiCd) |

Product data – type BL2MD-E2

| | |
|---------------------------|----------------------|
| Output lumen | : 2 x 400 lm |
| Autonomy time | : 2 h |
| Ambient temperature range | : ta = 5... 40 °C |
| Battery details | : 7,2V/4Ah (6D NiCd) |

Product data – type BL2MD-E3, BL2MD-E3-C, BL2MD-E3-G, BL2MD-E3-J and BL2MD-E3-M

| | |
|---------------------------|----------------------|
| Output lumen | : 2 x 400 lm |
| Autonomy time | : 3 h |
| Ambient temperature range | : ta = 5... 40 °C |
| Battery details | : 7,2V/4Ah (6D NiCd) |

Product data – type BT1SC-B1

| | |
|---------------------------|-------------------------|
| Output lumen | : 1 x 250 lm |
| Autonomy time | : 1 h |
| Ambient temperature range | : ta = 5... 40 °C |
| Battery details | : 4,8V/1,7Ah (4Cs NiCd) |

Product data – type BT1SC-D1

| | |
|---------------------------|-------------------------|
| Output lumen | : 1 x 500 lm |
| Autonomy time | : 1 h |
| Ambient temperature range | : ta = 5... 40 °C |
| Battery details | : 4,8V/1,7Ah (4Cs NiCd) |

Product data – type BT1SD-B3, BT1SD-B3-C, BT1SD-B3-G, BT1SD-B3-J and BT1SD-B3-M

| | |
|--------------|--------------|
| Output lumen | : 1 x 500 lm |
|--------------|--------------|

Autonomy time : 3 h
Ambient temperature range : ta = 5... 40 °C
Battery details : 3,6V/4Ah (3D NiCd)

Product data – type BT1SL-D2

Output lumen : 1 x 500 lm
Autonomy time : 2 h
Ambient temperature range : ta = 5... 50 °C
Battery details : 6,4V/1,5Ah (2xLiFePO4)

Product data – type BT1SL-D3, BT1SL-D3-C, BT1SL-D3-G, BT1SL-D3-J and BT1SL-D3-M

Output lumen : 1 x 500 lm
Autonomy time : 3 h
Ambient temperature range : ta = 5... 50 °C
Battery details : 6,4V/3,2Ah (2xLiFePO4)

Product data – type BT2SC-D1

Output lumen : 2 x 250 lm
Autonomy time : 1 h
Ambient temperature range : ta = 5... 40 °C
Battery details : 4,8V/1,7Ah (4Cs NiCd)

Product data – type BT2SL-D2 and BT2SL-D2AU

Output lumen : 2 x 250 lm
Autonomy time : 2 h
Ambient temperature range : ta = 5... 50 °C
Battery details : 6,4V/1,5Ah (2xLiFePO4)

Product data – type BT2SL-D3, BT2SL-D3-C, BT2SL-D3-G, BT2SL-D3-J and BT2SL-D3-M

Output lumen : 2 x 250 lm
Autonomy time : 3 h
Ambient temperature range : ta = 5... 50 °C
Battery details : 6,4V/3,2Ah (2xLiFePO4)

Product data – type BT2SL-F1

Output lumen : 2 x 500 lm
Autonomy time : 1 h
Ambient temperature range : ta = 5... 50 °C
Battery details : 6,4V/3,2Ah (2xLiFePO4)

Product data – type BT2SL-F2

Output lumen : 2 x 500 lm
Autonomy time : 2 h
Ambient temperature range : ta = 5... 50 °C
Battery details : 6,4V/3,2Ah (2xLiFePO4)

TESTS**Test requirements**

EN 60598-1:2015
EN 60598-1:2015/AC:2015

EN 60598-1:2015/AC:2016
EN 60598-1:2015/A1:2018
EN 60598-2-22:2014
EN 60598-2-22:2014/AC:2015
EN 60598-2-22:2014/AC:2016-05
EN 60598-2-22:2014/AC:2016-09

Test result

The test results are laid down in DEKRA test file 223106900.

Additional information

- The luminaire contains a LED module which is in compliance with EN 62031:2008 + A1:2013 + A2:2015 (tested as part of the appliance).
- The luminaire contains a LED driver which is in compliance with EN 61347-2-7:2012 used in conjunction with EN 61347-1:2015 (tested as part of the appliance).

The list of components is laid down at test report 2231069.51.

Conclusion

The examination proved that all requirements were met.

Factory location

SC Cooper Industries Romania SRL
Zona Industriala Vest
Str. III, Nr. 12
310510 Arad, Romania