

CERTIFICATE

Issued to:
Applicant:
ABB B.V.
George Hintzenweg 81
3068 AX Rotterdam, Netherlands

Licensee:
ABB B.V.
George Hintzenweg 81
3068 AX Rotterdam, Netherlands

Product : Emergency luminaires with LED light source (Sign)
Trade name(s) : ABB, EMERGI-LITE, KAUFEL or VAN LIEN
Type(s)/model(s) : Evago Sign series, Guideway Sign series, Primora Sign series and XT3300 series

The product and any acceptable variation thereto as 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 EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, 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, EN 60598-2-22:2014/A1:2020 and EN 60598-2-24:2013
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2220167

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 and under the conditions of the ENEC certification agreement.

This certificate is issued on 8 December 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-133364

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Emergency luminaires with LED light source (Sign)
Trade name(s)	: ABB, EMERGI-LITE, KAUFEL or VAN LIEN
Type(s)/model(s)	: Evago Sign series, Guideway Sign series, Primora Sign series and XT3300 series
Rated voltage/nature of supply	: 230 - 240 Vac (Self contained) 220 - 240 Vac/dc (Centrally supplied)
Rated frequency	: 50 Hz
Rated power	: self-contained: 4,2 W (22m view), 6 W (32m view) centrally supplied: 4,3 W (22m view), 6,4 W (32m view)
Ambient temperature range	: ta = +5...+35 °C (Self-contained) ta = 0...+35°C (Centrally supplied)
Classification	: class II
Degree of protection against ingress of dust, solid objects and moisture	: IP20 (control gear compartment only) and IP40 (for spot light only)
Autonomy time	: 1 hr / 3 hrs
View distance	: 22 meter (22 LEDs), 32 meter (24 LEDs)
Description	: Recessed emergency luminaires with LED light source

TESTS**Test requirements**

EN IEC 60598-1:2021
EN IEC 60598-1:2021/A11:2022
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
EN 60598-2-22:2014/A1:2020
EN 60598-2-24:2013

Test result

The test results are laid down in DEKRA test file 227731100.

Additional information

These luminaires contain a LED module which is in compliance with EN IEC 62031:2020 (tested as part of the appliance).

These luminaires contain a LED driver which is in compliance with EN 61347-2-13:2014 + A1:2017 and EN 61347-2-7:2012 used in conjunction with EN 61347-1:2015 (tested as part of the appliance).

This certificate replaces certificate No. 71-121714 REV.2 which we hereby declare invalid.

The list of components is laid down in test report 2277311.50.

Conclusion

The examination proved that all requirements were met.

Factory location

ABB limited
Bruntcliff Lane
Leeds LS27 9LL, United Kingdom

Types overview:

Product Emergency luminaires with LED's

Trade name: **VANLIEN**

Model name: **EVAGO**

RECESSED MOUNTED**Self-contained**

EVA-DIP-22

EVA-DIP-22/LB400

EVA-DIP/3-22

EVA-DIP/3-22/LB400

EVA-DIP-32

EVA-DIP-32/LB400

EVA-DIP/3-32

EVA-DIP/3-32/LB400

EVA-DIP-22/CIS

EVA-DIP-22/LB400/CIS

EVA-DIP/3-22/CIS

EVA-DIP/3-22/LB400/CIS

EVA-DIP-32/CIS

EVA-DIP-32/LB400/CIS

EVA-DIP/3-32/CIS

EVA-DIP/3-32/LB400/CIS

DALI version: Recessed mount:

EVA-DIP-22/DALI

EVA-DIP-32/DALI

D = 230-240 Vac self-contained product, standard 1 hr autonomy
I = Recessed product (IP20/IP40)
P = Ceiling mount
-22 = View distance 22 m
-32 = View distance 32 m
/DALI = DALI communication

BT-version:

EVA-DIP-22/BT, EVA-DIP-32/BT,

EVA-DIP-22/BT/ZWART, EVA-DIP-32/BT/ZWART

D = 230-240 Vac self-contained product, standard 1 hr autonomy
I = Recessed mount product (IP20/40)
P = Ceiling mount
-22 = View distance 22 m
-32 = View distance 32 m
/BT = Bluetooth communication

Centrally supplied - DIM

EVA-CIP-22
EVA-CIP-32
EVA-CIP-22/DIM/LBS
EVA-CIP-32/DIM/LBS

Centrally supplied - No DIM

EVA-CIP-22/LBS
EVA-CIP-32/LBS

Trade name: ABB KAUFEL
Model name: PRIMORA

RECESSED MOUNTED**Self-contained**

Primora 81 E/WE/PE LED M3 SUE
Primora 82 E/WE/PE LED M3 SUE
Primora 81 E/WE/PE LED M3 BUS
Primora 82 E/WE/PE LED M3 BUS

Recessed mount:

PRIMORA 81 E/WE/PE LED M3 DALI
PRIMORA 82 E/WE/PE LED M3 DALI

81 = View distance 22 m
82 = View distance 32 m
E/WE/PE = Recessed mount
M3 = 230-240 Vac self-contained product, standard 3 hrs autonomy
DALI = DALI communication

Centrally supplied - DIM

Primora 81 E/WE/PE LED EVG220 CINEMA
Primora 82 E/WE/PE LED EVG220 CINEMA
Primora 81 E/WE/PE LED FLX CINEMA
Primora 82 E/WE/PE LED FLX CINEMA

Centrally supplied - No DIM

Primora 81 E/WE/PE LED EVG220
Primora 82 E/WE/PE LED EVG220
Primora 81 E/WE/PE LED FLX
Primora 82 E/WE/PE LED FLX

Trade name: ABB
Model name: XT3300

Self-contained

XT3300R-M3/BT 22M ALU,
XT3300R-M3/BT 32M ALU,
XT3300R-M3/BT 22M BLK,
XT3300R-M3/BT 32M BLK
XT3300R-M3/COM 22M ALU,
XT3300R-M3/COM 32M ALU,
XT3300R-M3/DALI 22M ALU
XT3300R-M3/DALI 32M ALU

Trade name: EMERGI-LITE
Model name: GUIDE-WAY

RECESSED MOUNTED**Self-contained**

REC LED SIGN M3 22M (EGR3LS1-S22)
REC LED SIGN M3 32M (EGR3LS1-S32)
REC LED SIGN M3 CT-TST 22M (CTEGR3LS1-S22)
REC LED SIGN M3 CT-TST 32M (CTEGR3LS1-S32)

Recessed mount:

REC LED SIGN M3 22M DALI
REC LED SIGN M3 32M DALI

REC = Recessed mount
M3 = 230-240 Vac self-contained product, standard 3 hrs autonomy
22M = View distance 22 m
32M = View distance 32 m

Centrally supplied - DIM

REC LED SIGN SLAVE 230DIM 22M (EGR1LS1D-S22)
REC LED SIGN SLAVE 230DIM 32M (EGR1LS1D-S32)
REC LED SIGN 230DIM EMEX LTC 22M (EGR1LS1LTC-D-S22)
REC LED SIGN 230DIM EMEX LTC 32M (EGR1LS1LTC-D-S32)

Centrally supplied - No DIM

REC LED SIGN SLAVE 230VAC 22M (EGR1LS1-S22)
REC LED SIGN SLAVE 230VAC 32M (EGR1LS1-S23)
REC LED SIGN 230VAC EMEX LTC 22M (EGR1LS1LTC-S22)
REC LED SIGN 230VAC EMEX LTC 32M (EGR1LS1LTC-S32)