

CERTIFICATE

Issued to:
Applicant:
Famostar Emergency Lighting BV
Florijnweg 8
6883 JP Velp, The Netherlands

Licensee:
Famostar Emergency Lighting BV
Florijnweg 8
6883 JP Velp, The Netherlands

Product : Emergency/Escape luminaire with LED's
Trade name(s) : FAMOSTAR or Philip Payne Ltd.
Type(s)/model(s) : GOCDLK, GOCDLW, GOCXTK, GOCXTW, GOTDLK, GOTDLW, GOTXTK, GOTXTW, GOWDLK, GOWDLW, GOWXTK, GOWXTW, Go! PP-230, Go! PPA-1, Go! PPA-1 C, Go! PPA-1 Cinema, Go! PPA-1 Cinema GA69, Go! PPA-1 C Cinema, Go! PPA-1 C Cinema GA69, Go! PPA-1 C GA69, Go! PPA-1 GA69, Go! PPA-3, Go! PPD-1, Go! PPD-1 C, Go! PPD-1 Cinema, Go! PPD-1 Cinema GAC69, Go! PPD-3, Go! PPD-3 Cinema, Go! PPD-3 Cinema GAC69, Go! PPD-3 GAC69, Go! PPS-1, Go! PPS-3, Go! PPS-3 Cinema, Go! PPS-3 Cinema GA69, Go! PPS-3 GA69, Go! WP-230, Go! WPA-1, Go! WPA-1 C, Go! WPA-1 Cinema, Go! WPA-1 C Cinema, Go! WPA-3, Go! WPD-1, Go! WPD-1 C, Go! WPD-3, Go! WPD-3 Cinema, Go! WPS-1, Go! WPS-3 and Go! WPS-3 Cinema

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 and EN 60598-2:22:2014/AC:2016-05
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 981445

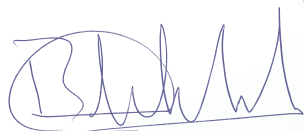
DEKRA hereby grants the right to use the ENEC certification mark.

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 29 October 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-115939

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	: Emergency/Escape luminaire with LED's
Trade name(s)	: FAMOSTAR or Philip Payne Ltd.
Type(s)/model(s)	: GOCDLK, GOCDLW, GOCXTK, GOCXTW, GOTDLK, GOTDLW, GOTXTK, GOTXTW, GOWDLK, GOWDLW, GOWXTK, GOWXTW, Go! PP-230, Go! PPA-1, Go! PPA-1 C, Go! PPA-1 Cinema, Go! PPA-1 Cinema GA69, Go! PPA-1 C Cinema, Go! PPA-1 C Cinema GA69, Go! PPA-1 C GA69, Go! PPA-1 GA69, Go! PPA-3, Go! PPD-1, Go! PPD-1 C, Go! PPD-1 Cinema, Go! PPD-1 Cinema GAC69, Go! PPD-3, Go! PPD-3 Cinema, Go! PPD-3 Cinema GAC69, Go! PPD-3 GAC69, Go! PPS-1, Go! PPS-3, Go! PPS-3 Cinema, Go! PPS-3 Cinema GA69, Go! PPS-3 GA69, Go! WP-230, Go! WPA-1, Go! WPA-1 C, Go! WPA-1 Cinema, Go! WPA-1 C Cinema, Go! WPA-3, Go! WPD-1, Go! WPD-1 C, Go! WPD-3, Go! WPD-3 Cinema, Go! WPS-1, Go! WPS-3 and Go! WPS-3 Cinema
Rated voltage / nature of supply	: 230 Vac / dc
Rated frequency	: 0 / 50 Hz
Classification	: Class II
Ambient temperature range	: +5...+40°C
Degree of protection against ingress of solid objects, dust and moisture	: IP40
Description	: Self-contained maintained and centrally supplied emergency or escape luminaire with LED's

List of components

Component	Manufacturer/ Trade name	Type/Model	Approval mark ¹⁾
Battery pack	GP	Ni-MH - 3,6 V / 1100 mAh	*
Battery wiring	various	Battery wiring, AWG 22	*/UL Rec.
Driver/EM unit	Famostar	N146-x	*
Controller (may include smartscan)	Famostar	N175-x	*
HF transformer	Wijdeven	AAM 001900900	*
Internal wiring	E-Tec	Flat Ribon Cable, JHYCN, Style 20624, 80°C, 60 V	*/UL Rec.
LED module	Famostar	N147-x	*
LED module	Famostar	N145-x	*
LED	CREE	XBD	*
Terminal block (screw/screwless)	WECO	322 - 380 V / 16 A	*/FIMKO
Contact pins	Kaiser-waltermann	250 Vac / 1 A	*
Track adapter	Global Trac	GA/GAC69	FIMKO
Enclosure	BAYBLEND FR 3010	PC+ABS blend	*

¹⁾ * indicates a component tested as part of the appliance

Product data – type Go! PP-230

Tradename	: FAMOSTAR
Design	: Centrally supplied, maintained
Rated voltage / nature of supply	: 230 V - 50 Hz / DC

Product data – type Go! PPA-1

Tradename : FAMOSTAR
Design : self-contained, maintained
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! PPA-1 C

Tradename : FAMOSTAR
Design : self-contained, maintained
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! PPA-1 C Cinema

Tradename : FAMOSTAR
Design : self-contained, maintained
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! PPA-1 C Cinema GA69

Tradename : FAMOSTAR
Design : self-contained, maintained
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! PPA-1 C GA69

Tradename : FAMOSTAR
Design : self-contained, maintained
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! PPA-1 Cinema

Tradename : FAMOSTAR
Design : self-contained, maintained
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! PPA-1 Cinema GA69

Tradename : FAMOSTAR
Design : self-contained, maintained
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! PPA-1 GA69

Tradename : FAMOSTAR
Design : self-contained, maintained
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! PPA-3

Tradename : FAMOSTAR

Design : self-contained, maintained
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type Go! PPD-1

Tradename : FAMOSTAR
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! PPD-1 C

Tradename : FAMOSTAR
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! PPD-1 Cinema

Tradename : FAMOSTAR
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! PPD-1 Cinema GAC69

Tradename : FAMOSTAR
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! PPD-3

Tradename : FAMOSTAR
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type Go! PPD-3 Cinema

Tradename : FAMOSTAR
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type Go! PPD-3 Cinema GAC69

Tradename : FAMOSTAR
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type Go! PPD-3 GAC69

Tradename : FAMOSTAR
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type Go! PPS-1

Tradename : FAMOSTAR
Design : self-contained, maintained, with smartscan
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! PPS-3

Tradename : FAMOSTAR
Design : self-contained, maintained, with smartscan
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type Go! PPS-3 Cinema

Tradename : FAMOSTAR
Design : self-contained, maintained, with smartscan
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type Go! PPS-3 Cinema GA69

Tradename : FAMOSTAR
Design : self-contained, maintained, with smartscan
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type Go! PPS-3 GA69

Tradename : FAMOSTAR
Design : self-contained, maintained, with smartscan
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type Go! WP-230

Tradename : FAMOSTAR
Design : centrally supplied, maintained
Rated voltage / nature of supply : 230 V - 50 Hz / DC

Product data – type Go! WPA-1

Tradename : FAMOSTAR
Design : self-contained, maintained
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! WPA-1 C

Tradename : FAMOSTAR
Design : self-contained, maintained
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! WPA-1 C Cinema

Tradename : FAMOSTAR

Design : self-contained, maintained
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! WPA-1 Cinema

Tradename : FAMOSTAR
Design : self-contained, maintained
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! WPA-3

Tradename : FAMOSTAR
Design : self-contained, maintained
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type Go! WPD-1

Tradename : FAMOSTAR
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! WPD-1 C

Tradename : FAMOSTAR
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! WPD-3

Tradename : FAMOSTAR
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type Go! WPD-3 Cinema

Tradename : FAMOSTAR
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type Go! WPS-1

Tradename : FAMOSTAR
Design : self-contained, maintained, with smartscan
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 1 hour

Product data – type Go! WPS-3

Tradename : FAMOSTAR
Design : self-contained, maintained, with smartscan
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type Go! WPS-3 Cinema

Tradename : FAMOSTAR
Design : self-contained, maintained, with smartscan
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type GOCDLK

Tradename : Philip Payne Ltd.
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type GOCDLW

Tradename : Philip Payne Ltd.
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type GOCXTK

Tradename : Philip Payne Ltd.
Design : self-contained, maintained, with smartscan
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type GOCXTW

Tradename : Philip Payne Ltd.
Design : self-contained, maintained, with smartscan
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type GOTDLK

Tradename : Philip Payne Ltd.
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type GOTDLW

Tradename : Philip Payne Ltd.
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type GOTXTK

Tradename : Philip Payne Ltd.
Design : self-contained, maintained, with smartscan
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type GOTXTW

Tradename : Philip Payne Ltd.
Design : self-contained, maintained, with smartscan
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type GOWDLK

Tradename : Philip Payne Ltd.
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type GOWDLW

Tradename : Philip Payne Ltd.
Design : self-contained, maintained, with DALI protocol
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type GOWXTK

Tradename : Philip Payne Ltd.
Design : self-contained, maintained, with smartscan
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

Product data – type GOWXTW

Tradename : Philip Payne Ltd.
Design : self-contained, maintained, with smartscan
Rated voltage / nature of supply : 230 V - 50 Hz
Autonomy time : 3 hours

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

Test result

The test results are laid down in DEKRA test file 216097000, 224678600.

Additional information

The luminaires contain a LED module which is in compliance with EN 62031:2008 + A1:2013 + A2:2015 (Tested as part of appliance).

The luminaires contain a LED/EM driver which is in compliance with EN 61347-2-7:2012 + A1:2019 and EN 61347-2-13 + A1:2017 in conjunction with EN 61347-1:2015.

Retinal blue light hazard:

Luminaires (at maximum rated wattage) equipped with LEDs manufactured by CREE model XBD series (5000 K) have been evaluated according to IEC/TR 62778:2014 and with result: EXEMPT. (details are laid down in DEKRA Certification B.V. test report no. 2132101-QUA/PHO 10-019 issued on March 1 2010).

This certificate replaces certificate No. 2160970.04 which we hereby declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

Famostar Emergency Lighting BV
Florijnweg 8
6883 JP Velp, The Netherlands

Product key Go! Family Famostar

Go! PPA-1 C CINEMA GA69

Go! yyy-D C ttt tm

Go!= series name

yyy = Description

WPA= Wall mount Exit sign, Permanent, Automatic function test

WPD= Wall mount Exit sign, Permanent, Dali

WPS= Wall mount Exit sign, Permanent, Smartscan

PPA= Ceiling mount Exit sign, Permanent, Automatic function test

PPD= Ceiling mount Exit sign, Permanent, Dali

PPS= Ceiling mount Exit sign, Permanent, Smartscan

D= duration time

1= 1hr

3= 3hr

230= centrally supplied luminaire

C= circular Light pattern under the Luminaire

ttt= Colour of Luminaire

CINEMA= Black

Special RAL= Colour on order

tm=GA69 track mount

Product key GO Philip Payne, Duration 3 hours

GOWXTW (W) Wall mount, (XT) Smartscan, (W) White

GOWDLK (DL) Dali, (K) Black

GOCXTW (C) Ceiling

GOTXTW (T) Track