

CERTIFICATE

Issued to:
Applicant:
ELightS S.A.
Avenue de l'Expansion 16
4432 Alleur, Belgium

Licensee:
ELightS S.A.
Avenue de l'Expansion 16
4432 Alleur, Belgium

Product : Oreos series
Trade name(s) : CE+T Technics
Type(s)/model(s) : OREOS 15 NP, OREOS 15 P, OREOS 20 NP, OREOS 20 NPA, OREOS 20 P,
OREOS 20 PA, OREOS 35 NP, OREOS 35 NPA, OREOS 35 P and
OREOS 35 PA

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 60598-2-22:2014, EN 60598-2-22:2014/AC:2015, EN 60598-2-22:2014/AC:2016-05, EN 60598-2-22:2014/AC:2016-09, EN 60598-1:2015/AC:2015, EN 60598-1:2015/AC:2016, EN 60598-1:2015 and EN 60598-1:2015/A1:2018
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2221505

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 2 November 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-105964

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Henk Barends
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Oreos series
Trade name(s)	: CE+T Technics
Type(s)/model(s)	: OREOS 15 NP, OREOS 15 P, OREOS 20 NP, OREOS 20 NPA, OREOS 20 P, OREOS 20 PA, OREOS 35 NP, OREOS 35 NPA, OREOS 35 P and OREOS 35 PA
Rated voltage/nature of supply	: 230 Vac
Rated frequency	: 50 Hz
Rated input	: 8 W
Lamp type	: TL 8W/840
Ambient temperature range	: ta = +15°C...+45°C
Classification	: class II
Degree of protection against dust, solid objects and moisture	: IP40

Product data – type OREOS 15 NP

Rated current	: 15 mA
Battery	: 4,8V - 1600mAh
Lumen	: 150 lm

Product data – type OREOS 15 P

Rated current	: 85 mA
Battery	: 4,8V - 1600mAh
Lumen	: 150 lm

Product data – type OREOS 20 NP

Rated current	: 15 mA
Battery	: 4,8V - 2500mAh
Lumen	: 240 lm

Product data – type OREOS 20 NPA

Rated current	: 15 mA
Battery	: 4,8 V - 2500 mAh
Lumen	: 240 lm

Product data – type OREOS 20 P

Rated current	: 85 mA
Battery	: 4,8V - 2500 mAh
Lumen	: 240 lm

Product data – type OREOS 20 PA

Rated current	: 85 mA
Battery	: 4,8 V - 2500 mAh
Lumen	: 240 lm

Product data – type OREOS 35 NP

Rated current	: 15 mA
Battery	: 4,8 V - 2500 mAh
Lumen	: 310 lm

Product data – type OREOS 35 NPA

Rated current : 15 mA
Battery : 4,8 V - 2500 mAh
Lumen : 310 lm

Product data – type OREOS 35 P

Rated current : 85 mA
Battery : 4,8 V - 2500 mAh
Lumen : 310 lm

Product data – type OREOS 35 PA

Rated current : 85 mA
Battery : 4,8 V - 2500 mAh
Lumen : 310 lm

TESTS**Test requirements**

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 60598-1:2015/AC:2015
EN 60598-1:2015/AC:2016
EN 60598-1:2015
EN 60598-1:2015/A1:2018

Test result

The test results are laid down in DEKRA test file 222150500.

Additional information

These Luminaires contain a Fluorescent driver which is in compliance with EN 61347-2-3:2011 and EN 61347-2-7:2012 in conjunction with EN 61347-1:2015 (tested as part of the appliance).

The list of components is laid down at test report 2221505.51.

Conclusion

The examination proved that all requirements were met.

Factory location

ELightS S.A.
Avenue de l' Expansion 16
4432 Alleur, Belgium

OREOS	XX	YY	I	C-	LLL
					LED or Blanco (Fluorescent)
				C = Communication Blanco = No communication	
				A = communication centralisation (C and Z). C = wire communication centralisation Z = RF communication centralisation	
				I = IP rating Blanco = IP40 H = IP65	
			Self-contained mode (P and NP) P = Maintained NP = non- maintained		
	output lumen (15 or 20) 15 = 150 lumen 20 = 240 lumen				
Product series					