

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-LED, OREOS 15 P-LED, OREOS 20 NP-LED,
OREOS 20 NPA CZ LED, OREOS 20 P-LED and OREOS 20 PA CZ LED

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 28 August 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-105448

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Anouschka Slingerland
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-LED, OREOS 15 P-LED, OREOS 20 NP-LED, OREOS 20 NPA CZ LED, OREOS 20 P-LED and OREOS 20 PA CZ LED
Rated voltage/ nature of supply	: 230 Vac
Rated frequency	: 50 Hz
Rated input	: 3 W
Ambient temperature (ta)	: ta = +15 °C...+45 °C
Classification	: Class II
Degree of protection against dust, solid objects and moisture	: IP40

Product data – type OREOS 15 NP-LED

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

Product data – type OREOS 15 P-LED

Rated current	: 65 mA
Battery	: 4,8 V - 1600 mAh
Lumen	: 150 lm

Product data – type OREOS 20 NPA CZ LED

Rated current	: 15 mA
Battery	: 4,8 V - 1600 mAh
Lumen	: 240 lm

Product data – type OREOS 20 NP-LED

Rated current	: 15 mA
Battery	: 4,8 V - 1600 mAh
Lumen	: 240 lm

Product data – type OREOS 20 PA CZ LED

Rated current	: 65 mA
Battery	: 4,8 V - 1600 mAh
Lumen	: 240 lm

Product data – type OREOS 20 P-LED

Rated current	: 65 mA
Battery	: 4,8 V - 1600 mAh
Lumen	: 240 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 LED module which is in compliance with EN 62031:2008 + A1:2013 + A2:2015 (tested as part of the appliance).

The list of components is laid down at test report 2221505.50.

Conclusion

The examination proved that all requirements were met.

Factory location

ELightS S.A.
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Product reference key:

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

Product series