

# LICENCE

**No. 19944**

Issued to:  
 Applicant:  
**Eclatec SAS**  
**L'Eclairage Technique S.A.**  
**41, rue Lafayette**  
**Maxéville**  
**PO Box 69**  
**54527 LAXOU Cedex**  
**France**



Licensee:  
**Eclatec SAS**  
**L'Eclairage Technique S.A.**  
**41, rue Lafayette**  
**Maxéville**  
**PO Box 69**  
**54527 LAXOU Cedex**  
**France**



Product : road, square and street lighting  
 Trade name(s) : ECLATEC  
 Type(s)/model(s) : TWEET S1, TWEET S2, TWEET S3, TWEET X1, TWEET X2, TWEET X3

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

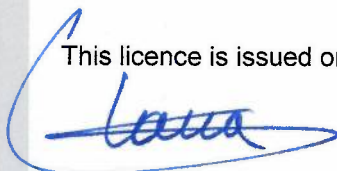
SGS CEBEC hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard specified in annex
- an inspection of the production location
- a certification agreement with the number 1524

SGS CEBEC hereby grants the right to use the CEBEC certification mark

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

This licence is issued on: 12/05/2016



ir. C. Lana,  
 Certification Manager



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 This certificate is only valid combined with the publication on the following web address: [www.sgs.com/ce](http://www.sgs.com/ce)



## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

Product	:	road, square and street lighting
Trade name(s)	:	ECLATEC
Type(s)/Model(s)	:	TWEET S1, TWEET S2, TWEET S3, TWEET X1, TWEET X2, TWEET X3
rated voltage (Un)	:	220-240 V
nature of supply	:	ac
rated frequency	:	50 Hz
temperature limit (t max)	:	Ta 25°C
class	:	class II
degree of protection	:	IP66
additional information	:	optical protection glass or PC

### Additional information

Model differences in TWEET S and TWEET X :  
Model TWEET S can only be opened by screws, while for TWEET X it can be opened by clip

### Product data - type TWEET S1

rated power	:	22 W, 38 W or 56 W
lamp(s)	:	Led's

### Product data - type TWEET S2

rated power	:	56 W or 81 W
lamp(s)	:	Led's

### Product data - type TWEET S3

rated power	:	105 W or 129 W
lamp(s)	:	Led's

### Product data - type TWEET X1

rated power	:	22 W, 38 W or 56 W
lamp(s)	:	Led's

**Product data - type TWEET X2**

rated power : 56 W or 81 W  
lamp(s) : Led's

**Product data - type TWEET X3**

rated power : 105 W or 129 W  
lamp(s) : Led's

**TESTS**

**Test requirements**

EN 60598-1:2015  
EN 60598-2-3:2003 + A1:2011

**Test results**

The test results are laid down in certification file 617486/01.

**Remarks**

This certificate is based on test report No. 617486.01.

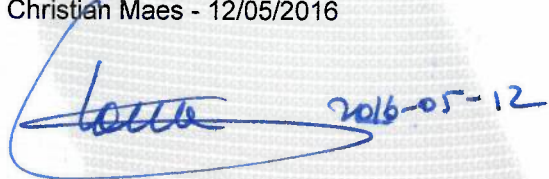
**Conclusion**

The examination proved that all test requirements were met.

Checked by, project leader : Christian Maes - 12/05/2016

Department Manager,  
Product Certification :

Certification Manager :



*Christian Maes* 2016-05-12

**List of components**

Component	Trade name	Type/model	Rating	Standard	Approval mark 1
S1 : Led driver	Philips	Xitanium full prog 70W1000 NLD C150 Xt	Vin : 220-240 V, lin : 0.40-0.3 7 A, Vout : 30-100 V, Iout : 100-100 0 mA; 50-60 Hz, Tc : 90°C	EN 61347-2-13	ENEC
S2 : Led driver	Philips	Xitanium full prog 110 W1000 NLD C150 Xt	Vin : 220-240 V, lin : 0.56-0.3 9 A, Vout : 60-200 V, Iout : 100-100 0 mA; 50-60 Hz, Tc : 90°C	EN 61347-2-13	ENEC
S3 : Led driver	Osram	Optotronic OT 150/ 220-240 /700 3DIMLT+E	Vin : 220-240 V, Vout : 95-335 V, Iout : (rated) 350-700, (Led set) 75-700, Tc : 85°C	EN 61347-2-13	VDE
S1 : Led module	Eclatec	B6131 2063, HR:3.00	Tc : 77°C	EN 60598-2-3	Tested in appliance
S2 : Led module	Eclatec	B6131 2064, HR:3.00	Tc : 77°C	EN 60598-2-3	Tested in appliance
S3 : Led module	Eclatec	B6131 2065, HR:2.00	Tc : 77°C	EN 60598-2-3	Tested in appliance
Internal wiring (DC)	AECO	QU-1672 -024	300 V, 105°C, 24 AWG	UL 1672	Tested in appliance

Component	Trade name	Type/model	Rating	Standard	Approval mark 1
Internal wiring (AC)	Silicable	CSVCS, CSCV	300/500 V, 1 mm <sup>2</sup>	EN 60598-2-3, IEC 228, NF C32-070	Tested in appliance
Terminal block	Wago	0862	500 V, 4 mm <sup>2</sup> , 32 A	EN 60947-7-1	ENEC 15, KEMA
Connector (DC)	AMP	S110- 213-1	-	EN 60598-2-3	Tested in appliance
Connector	-	T012	-	EN 60598-2-3	Tested in appliance
Supply cord	Nexans	H07RN-F	2 x 1.5 mm <sup>2</sup>	IEC 60245	HAR
1) indicates a component tested as part of the appliance					

#### FACTORY LOCATION(S)

Eclatec SAS  
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