

Statement CN23/00000253

Verification Statement of Achievement of Carbon Neutrality

The 2325 G3 C05 S OA LED 20/14/08/ML-840 ET (10247748)
2325 G3 C07 S OA LED 20/14/08/ML-840 ET (10247749) of

TRILUX GmbH & Co., KG

Heidestraße 4, DE 59759 Arnsberg

has been verified in accordance with ISO 14064-3:2019, confirmed that has
achieved carbon neutrality from 2021.10.1 to 2022.12.17 as meeting the
requirements

PAS 2060:2014

Greenhouse gas emission reduction: 0 tCO₂e
Greenhouse gas emission offsets: 167.81 tCO₂e

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Version: 1



Authorized by
David Xin
Sr. Director - Knowledge

SGS-CSTC Standards Technical Services Co., Ltd.
16F Century YuHui Mansion, No. 73 Fucheng Road, Beijing, P.R. CHINA 100142
t +86 (0)10 58251188 www.sgsgroup.com.cn



Verification opinion and conclusion

SGS has been contracted with TRILUX GmbH & Co., KG, based on the agreed guidelines and scope, the opinion issued after the independent validation of the commitment carbon neutralization statement of the responsible party is :

The declaration of achievement of carbon neutrality submitted by TRILUX GmbH & Co., KG is made in accordance with PAS 2060:2014, which is fair in terms of materiality. The greenhouse gas data and carbon footprint management plan information in the declaration are indeed reflected and supported by sufficient and appropriate evidence. Based on the risk assessment method, SGS issued an unmodified opinion on the achievement of carbon neutralization statement of the responsible party.

Roles and responsibilities

The management of TRILUX GmbH & Co., KG is responsible for the organization's carbon neutrality information system, the development and maintenance of records and reporting procedures in accordance with that system, including the calculation and determination of the carbon neutrality subject.

According to ISO 14064-3:2019, SGS conducted a third party validation of the provided Commitment Carbon Neutrality information against the principles of PAS 2060: 2014 in the period 2022.12.26. According to the scope of application, objectives, guidelines and committed carbon neutralization information of the responsible party, a statement of compliance with the achievement of carbon neutralization information shall be issued.

Criteria

Criteria against which the validation assessment is undertaken are the requirements of ISO 14064-3:2019.

Achievement of Carbon Neutrality information against the principles is PAS 2060: 2014.

Materiality

The materiality required of the verification is considered by SGS to 5%, based on the needs of the intended user of the GHG statement.

Scope

Subject

- Subject: 2325 G3 C05 S OA LED 20/14/08/ML-840 ET (10247748)
2325 G3 C07 S OA LED 20/14/08/ML-840 ET (10247749)
- Boundary of subject: Cradle to Grave
- Definition method of object boundary: LCA
- Characteristics of the subject: LED Downlight

Application period

- The number of application period: 1
- Carbon footprint of application period: 167.81 tCO₂e
Note: The carbon footprint does not include any purchased carbon offsets. Please see the responsible party's GHG quantitative report for details
- Carbon footprint quantification methodology: ISO14067:2018
Note: please see the responsible party's GHG quantitative report for details

Carbon footprint management plan (No.: GHG-M-2022-001/1.0, Issue date 2021.12.01):

- Description of carbon footprint reduction scheme: Not applicable
- Description of carbon footprint offsets of credit source: CER: Emission Reduction Project No. CN5173
- Carbon footprint offset credit line cancellation document: CER retirement serial number: DE125473、DE125474

Other explanatory matters: The carbon footprint calculation is based on the customer's production data from October 1, 2021 to September 30, 2022, and the number of carbon neutralization is the data of 250 pcs LED downlight products of each model 【2325 G3 C05 S OA LED 20/14/08/ML-840 ET(10247748) and 2325 G3 C07 S OA LED 20/14/08/ML-840 ET(10247749)】.

Note: This qualified interpretative statement is interpreted as a whole with the declaration of commitment carbon neutralization compliance. The date of issuance is the date of declaration.

SGS standard technical services Co., Ltd. ("SGS") issues this declaration of conformity in accordance with SGS general terms of greenhouse gas validation and validation services. The content of this statement is based on the validation results. This statement and the statement of the responsible party can be obtained from the responsible party. In case of any change that may affect the effectiveness of the declaration of carbon neutralization commitment, which may affect the declaration of conformity, the client needs to timely apply for reassessment and updating the declaration of conformity. This change will not bind SGS until the client applies. SGS shall not be liable to any party other than its client. This approval statement shall not relieve the responsible party of its responsibility to comply with national laws and regulations.