17/06/2024

STOANE LIGHTING

EQUIPMENT DESIGN + MANUFACTURE

Assessment

CIBSE TM66 CEAM-Make
Creating a Circular Economy in the Lighting Industry

Product

Vole Type X

Results

Category	Points Scored	Max Points Possible	Assessment
Product Design	82.0	134.0	2.4
Manufacturing	32.0	46.5	2.8
Materials	12.0	24.0	2.0
Ecosystem	37.0	43.0	3.4
Overall Performance	163.0	247.5	2.7

How to analyse the score	
0 to 0.5	Very poor circular economy performance
0.5 to 1.5	Some circular economy functionality
1.5 to 2.5	Definite/substantial progress to circularity
2.5 to 3.5	Excellent circularity

Results Explained

Technical Memorandum (TM) 66 describes a Circular Economy's main aims, how it can be achieved and what it's practice will mean to the different branches of our industry like specifiers, manufacturers, contractors and Facilities Managers.

The Circular Economy Assessment Method for Manufacturing (CEAM-Make)'s list of 72 searching questions, the majority of which ask for back-up evidence, is split into four sections:

Product Design: Covering topics such as design for long life and repair
Materials: Usage of recyclable materials rather than virgin
Manufacturing: Additive and subtractive techniques and localisation
Ecosystem: Repair or upgrade services to complement circular economy design

The outcome of the assessment is a single figure rating by which product comparisons can be made. A TM66 score demonstrates a product's performance in the context of a Circular Economy.

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If any specific piece of back-up evidence is required, please contact sales@mikestoanelighting.com.

CIBSE (2021) Circular Economy Assessment Method - Make TM66 Digital Tool beta version 22nd October 2021
(London: Chartered Institution of Building Services Engineers)

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