

SYLVANIA

QUADRO 1200x300 830 MP

0044708



Features

• QUADRO 1200x300 830 MP Unique stylish recessed modular LED luminaire, ideal for general indoor lighting applications such as breakout areas, offices and meeting rooms. Steel frame with integrated reflector, passive cooling. Low glaring UGR<16. RG1, 75° beam angle, optical system: white painted reflector with total internal reflection lenses. Light color temperature: 3000K (Warm White), max system power: 34W, max fixture output: 4500lm, efficacy at max output 132lm/W, max efficacy 140lm/W @ 15W, CRI (Ra) >80 typical, LED chromacity: 3...

CIBSE TM66

Result					
Category	Points Scored	Maximum possible points	Assessment	How to analyse the score	
Product design	71.0	134.0	2.1	0.0 to 0.5	Very poor circular economy performance
Manufacturing	17.1	46.5	1.5	0.5 to 1.5	Some circular economy functionality
Materials	4.0	24.0	0.7	1.5 to 2.5	Definite/substantial progress to circularity
Ecosystem	16.0	43.0	1.5	2.5 to 4.0	Excellent circularity
Overall performance	108.1	247.5	1.45		

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 Assement Method for Manufacturing (CEAM-Make)’s list of 66 searching questions, the majority of which askfor back-up evidence, is split into four sections :

- Product Design :

Manufacturing :

Materials :

Ecosystem :
- Covering topics such as design for long life and repair

Additive and subtractive techniques and localisation

Usage of recyclable materials rather than virgin

Repair or upgrade services to complement circular economy design

The outcome of the assement 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

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