

START Panel Eco 600x600 3200lm 830
0044623



Features

- LED Panel with backlit technology, ideal for general indoor lighting applications such as breakout areas, offices and meeting rooms. Low glaring UGR<22. RG0, 110 degree beam angle , optical system: PS diffuser with Opal finish. Tp(b) rated diffuser that may not burn at a speed of more than 50mm per minute. Light color temperature: 3000K Warm White, total system power: 29W , total fixture output: 3200lm, efficacy: 110lm/W, Ra80 typical, LED chromacity: 5 step MacAdam ellipse (SDCM5), lifespan: 100,000 hours at 70% of the original outpu...

CIBSE TM66

Result					
Category	Points Scored	Maximum possible points	Assessment	How to analyse the score	
Product design	64	134.0	1.9	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	24.0	0.7	1.5 to 2.5	Definite/substantial progress to circularity
Ecosystem	13	43.0	1.2	2.5 to 4.0	Excellent circularity
Overall performance	98.1	247.5	1.33		

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 : Covering topics such as design for long life and repair
- Manufacturing : Additive and subtractive techniques and localisation
- Materials : Usage of recyclable materials rather than virgin
- Ecosystem : 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)