

Concord

OPTIX RECESSED 4 CELLS 3000K ALU 2021688



Features

- OPTIX RECESSED 4 CELLS 3000K ALU is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 310x100 mm. Aluminised plastic extra low glare optics. White RAL9016 fixture body. Constant current driver. 3000K Warm White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 962lm. Power consumption 8.5W. Luminaire efficacy 113lm/W. 42,000hrs L90B10 lifespan. UGR<18, Luminance at 65°<3000 Cd/m², IK07, IP20. Photobiological safety risk group 1. Electrical protection Class I. Glow wi...

CIBSE TM66

| Result | | | | How to analyse the score | |
|---------------------|---------------|-------------------------|------------|--------------------------|--|
| Category | Points Scored | Maximum possible points | Assessment | 0.0 to 0.5 | Very poor circular economy performance |
| Product design | 76 | 134.0 | 2.3 | 0.5 to 1.5 | Some circular economy functionality |
| Manufacturing | 23.4 | 46.5 | 2 | 1.5 to 2.5 | Definite/substantial progress to circularity |
| Materials | 7 | 24.0 | 1.2 | 2.5 to 4.0 | Excellent circularity |
| Ecosystem | 21 | 43.0 | 2 | | |
| Overall performance | 127.4 | 247.5 | 1.88 | | |

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 ask for 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)

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