

Insaver UGR19 IP54 175 1650LM 830  
0030502



Features

- Insaver is a ceiling recessed LED downlight (IP54 from the front), Die-cast aluminium body, loop in loop out connector for quick installation, Non dimmable LED driver, 13W; 1650lm; 127lm/W; 3000K; UGR <19 with shallow product depth 60mm. Meets TP(a) requirements.

CIBSE TM66

| Result              |               |                         |            |                          |                                              |
|---------------------|---------------|-------------------------|------------|--------------------------|----------------------------------------------|
| Category            | Points Scored | Maximum possible points | Assessment | How to analyse the score |                                              |
| Product design      | 60            | 134.0                   | 1.8        | 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           | 0             | 24.0                    | 0          | 1.5 to 2.5               | Definite/substantial progress to circularity |
| Ecosystem           | 18            | 43.0                    | 1.7        | 2.5 to 4.0               | Excellent circularity                        |
| Overall performance | 95.1          | 247.5                   | 1.25       |                          |                                              |

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)