

START Waterproof Slim 1200 IP66 2300/4650lm 840
0046426



Features

- START Waterproof Slim is a LED integrated polycarbonate housing luminaire with easy to access electrical terminal through bayonet lock end caps and tool-free electrical connection due to push-in terminal. Flexible installation as mounting brackets can be positioned freely on the luminaire. 4650 / 2300lm (selected by DIP switch), 34.5 / 17W, 135 / 135lm/W and 100,000 hours lifespan L70B50. SDCM < 5; IP66; IK08; Class II; 1240mm x 70mm x 73mm.

CIBSE TM66

| Result | | | | | |
|---------------------|---------------|-------------------------|------------|--------------------------|--|
| Category | Points Scored | Maximum possible points | Assessment | How to analyse the score | |
| Product design | 71 | 134.0 | 2.1 | 0.0 to 0.5 | Very poor circular economy performance |
| Manufacturing | 20.1 | 46.5 | 1.7 | 0.5 to 1.5 | Some circular economy functionality |
| Materials | 7 | 24.0 | 1.2 | 1.5 to 2.5 | Definite/substantial progress to circularity |
| Ecosystem | 30 | 43.0 | 2.8 | 2.5 to 4.0 | Excellent circularity |
| Overall performance | 128.1 | 247.5 | 1.95 | | |

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)