## START SURFACE SLIM IP54 SQUARE 4000LM 2CCT D WH 0043519


#### Abstract

Features - Ceiling / wall square luminaire with integrated LED. Perfect solution for corridors, circulation areas or bathrooms. Even and uniform light in a slim but robust design. Power 35W, lumen output 4000 lumens, lumen efficacy $114 \mathrm{Im} / \mathrm{W}$, dual color temperature (3000K/4000K). Supplied with phase dimming driver (leading edge/trailing edge). Mains Voltage 220-240V~. Body Size: 400 mm square $\times 53 \mathrm{~mm}$ height. IK07, IP54 Protection rating. PC Polycarbonate Opal diffuser.Low maintenance with 58000 hours LED lifespan expectancy. Warranty: 5 years.


## CIBSE TM66

| Result |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Category | Points Scored | Maximum possible points | Assessment |  | How to analyse the score |
| Product design | 70 | 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 | 24.0 | 0.7 | 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 | 109.1 | 247.5 | 1.50 |  |  |

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

