

## START Surface IP54 2500-4000lm 830/840 0043409



### Features

- Ceiling / wall luminaire with integrated LED. Perfect solution for hallways, circulation spaces or foyers. Body Size diameter 400mm. Besa mounting box compatible, hole distance 51 & 78mm. DualTone functionality enables switch between 3000K and 4000K colour temperatures. With the help of DIP Switch multiple lumen outputs can be set up in 4 steps (4000K: 21W 2500lm, 25W 3000lm, 29W 3500lm, 33W 4000lm). Efficacy up to 120lm/W. Non-dimmable. IK03, IP54. Low maintenance with lifespan 120,000 hours L70:B50.

### CIBSE TM66

Result				How to analyse the score	
Category	Points Scored	Maximum possible points	Assessment	Score Range	Description
Product design	67	134.0	2	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	6	24.0	1	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	108.1	247.5	1.55		

Technical Memorandum (TM) 66 describes a Circular Economy's main aims, how it can be achieved and what its practice will mean to the different branches of our industry like specifiers, manufacturers, contractors, and Facilities Managers.

The Circular Economy Assessment 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 assessment 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