

## Colossal400 21W 2550lm OPAL Blanc D/I830 2071131



### Caractéristiques de la gamme

- Colossal400 21W 2550lm OPAL Blanc D/I830. Luminaire architectural de grand diamètre (400mm). Installation saillie ou suspendue. Cerclage aluminium sans soudure. Colorie blanc (RAL9016). Garantie 5 ans. Fabriqué en France.Efficacité lumineuse : 121lm/W. Optique opale. Distribution directe et indirecte. SDCM≤3, IRC>80. 650°C, classe 1. RG0. IP40, IK07. Dimensions : 400x93mm. Durée de vie : 66.000h (L90).

### CIBSE TM66

| Result              |               |                         |            |                          |                                              |
|---------------------|---------------|-------------------------|------------|--------------------------|----------------------------------------------|
| Category            | Points Scored | Maximum possible points | Assessment | How to analyse the score |                                              |
| Product design      | 65            | 134.0                   | 2.3        | 0.0 to 0.5               | Very poor circular economy performance       |
| Manufacturing       | 21.5          | 46.5                    | 1.9        | 0.5 to 1.5               | Some circular economy functionality          |
| Materials           | 5             | 24.0                    | 0.8        | 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 | 109.5         | 247.5                   | 1.68       |                          |                                              |

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)