

# Concord

## COLOSSAL 400mm 940 OPAL DIR WHITE

### 2071121



### Produkteigenschaften

- Runde, architektonische Leuchte mit einem Durchmesser von 400 mm, für Anbau- oder Pendelmontage geeignet. Pulverbeschichtetes Aluminiumgehäuse (RAL9016) mit opalem Polycarbonatdiffusor. Direkte Lichtverteilung, 2200 lm Lichtstrom, 21 W Systemleistung, 105 lm/ W Systemeffizienz. Konstantstrom-Treiber. Farbwiedergabeindex Ra >90, 4.000 K neutralweiße LED, Chromatizitätstoleranz der 3-stufigen MacAdam-Ellipse. IP40, IK03. 450 mA Antriebsstrom. Elektrische Schutzklasse 1, 220-240 V. Angegebene Lebensdauer 66.000 Stunden L90B10.

### CIBSE TM66

| Result              |               |                         |            |
|---------------------|---------------|-------------------------|------------|
| Category            | Points Scored | Maximum possible points | Assessment |
| Product design      | 65            | 134.0                   | 2.3        |
| Manufacturing       | 21.5          | 46.5                    | 1.9        |
| Materials           | 5             | 24.0                    | 0.8        |
| Ecosystem           | 18            | 43.0                    | 1.7        |
| Overall performance | 109.5         | 247.5                   | 1.68       |

| How to analyse the score |                                              |
|--------------------------|----------------------------------------------|
| 0.0 to 0.5               | Very poor circular economy performance       |
| 0.5 to 1.5               | Some circular economy functionality          |
| 1.5 to 2.5               | Definite/substantial progress to circularity |
| 2.5 to 4.0               | Excellent circularity                        |

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

CIBSE (2021) Circular Economy Assessment Method - Make TM66 Digital Tool beta version 22nd October 2021 (London : Chartered Institution of Building Services Engineers)