

COLOSSAL 600mm 940 OPAL DIR WHITE EM  
2071186



Produkteigenschaften

• Runde, architektonische Leuchte mit einem Durchmesser von 600 mm, für Anbau- oder Pendelmontage geeignet. Pulverbeschichtetes Aluminiumgehäuse (RAL9016) mit opalem Polycarbonatdiffusor. Direkte Lichtverteilung, 4535 lm Lichtstrom, 41,5 W Systemleistung, 109 lm/W Systemeffizienz. Konstantstrom-Treiber. 3 Stunden integrierte Notbeleuchtung. Farbwiedergabeindex Ra >90, 4.000 K neutralweiße LED, Farbwerttoleranz der MacAdam-Ellipse in 3 Stufen. IP40, IK03. 450 mA Antriebsstrom. Elektrische Schutzklasse 1, 220-240 V. Angegebene Lebensdauer...

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 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 :  
Manufacturing :  
Materials :  
Ecosystem :
- Covering topics such as design for long life and repair  
Additive and subtractive techniques and localisation  
Usage of recyclable materials rather than virgin  
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)