

## COLOSSAL 600mm 840 OPAL DIR+HAL WHITE EM 2071210



### Productkenmerken

• 600mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with polycarbonate opal diffuser. Direct/indirect (halo) light distribution, 5445lm luminous flux, 41.5W system power, 131lm/W luminaire efficacy. Constant current driver. 3 hours integrated emergency. Colour rendering index Ra >80, 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. IP40, IK03. 450mA drive current. Electrical protection Class1, 220-240V. Reported lifetime 66k hours L...

### 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