

START Bollard IP65 1100lm 830/840 Grey
0047974



Caractéristiques de la gamme

- Borne LED intégrée, design contemporain sur une borne classique, 1100LM, 19W, 58lm/W, interrupteur intégré permettant de choisir entre les températures de couleur blanc chaud (3000K) et blanc neutre (4000K), CRI80, IP65, IK10, 90,000hrs L80B10 Lifespan, 1000x168x168mm (HxLxP), 5 step MacAdam ellipse, 7kg, RAL 7016 Gris anthracite, classe de sécurité I, plage de température de fonctionnement de -25 à +50°C, 1000 heures de test au brouillard salin.

CIBSE TM66

Result					
Category	Points Scored	Maximum possible points	Assessment	How to analyse the score	
Product design	75	134.0	2.2	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	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	115.1	247.5	1.55		

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



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