

## START Surface Wall Cube IP54 2x140lm 2CCT Black 0047136



## Produkteigenschaften

• Verstellbare Wandanbauleuchte für den Außenbereich, schwarzes Aluminium - RAL9005, 280 lm, 5,8 W, 48 lm/W, 3000/4.000 K schaltbare CCT, verstellbarer Ausstrahlungswinkel (0 - 94°), 104.000 Stunden Lebensdauer L70:B50, CRI 80, SDCM<3, IP54, IK05, 1000 Stunden Salzsprühtest, -20 - +45°C Betriebstemperaturbereich, 108x108x108 mm, Klasse I

## **CIBSE TM66**

Result				
Category	Points Scored	Maximum possible points	Assessment	
Category	1 onits ocored	maximum possible points	Assessment	
Product design	39	134.0	1.2	
Manufacturing	17.1	46.5	1.5	
Materials	3	24.0	0.5	
Ecosystem	18	43.0	1.7	
Overall performance	77.1	247.5	1.23	

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: 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)