

## Quantum IP54 1200x300 Multipower 4500lm 840 0044641



### Features

- Quantum is a range of recessed integrated LED panels for general indoor lighting applications such as breakout areas, offices and meeting rooms. With the help of DIP Switch multiple lumen outputs can be set up in 4 steps (22W 3400lm, 24W 3750lm, 26W 4100lm, 28W 4500lm). Lumen output using EM kit: ~500lm. Max. drive current: 600mA; Lifespan: 120.000Hrs L70:B50; 4000K; CRI 80; Efficacy up to: 161Lm/W; Glare control <19; IK03; IP54 (from the front); Class II; Tp(a) rated diffuser that self-extinguishes within 5 sec when a flame has been ...

### CIBSE TM66

Result			
Category	Points Scored	Maximum possible points	Assessment
Product design	65	134.0	1.9
Manufacturing	17.1	46.5	1.5
Materials	4	24.0	0.7
Ecosystem	18	43.0	1.7
Overall performance	104.1	247.5	1.45

  

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