



- LED Lantern complete with 60mm side entry spigot and supplied with 0.5 metre mains supply cable, die-cast aluminium housing, polycarbonate cover, IP66, IK08, Class I, 4000K (Neutral White), Non-dimmable, 7700lm, 61W, 126lm/W, CRI80, Lifespan 90,000hrs L70:B50, (LxWxD) 484 x 209 x 98mm.

| Result | | | |
|---------------------|---------------|-------------------------|------------|
| | | | |
| Category | Points Scored | Maximum possible points | Assessment |
| Product design | 59 | 134.0 | 1.8 |
| Manufacturing | 17.1 | 46.5 | 1.5 |
| Materials | 4 | 24.0 | 0.7 |
| Ecosystem | 18 | 43.0 | 1.7 |
| Overall performance | 98.1 | 247.5 | 1.43 |

| 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 |

| | |
|------------------|--|
| 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 |

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