

TM65 Mid-Level Calculation

PROBLSDL

PRO BLADE, SURFACE, DALI MAINTAINED



Product Information

| | |
|-------------------------|----------|
| Weight | 1.831 kg |
| Service Life | 10 Years |
| Location of Manufacture | Solihull |

| Life Cycle Stage | kg CO ₂ e | Percentage of Total | Notes |
|--------------------------------|---------------------------------|---------------------|---|
| A1: Material Extraction | 21.519 kgCO ₂ e | 59.86% | TM65 Assumption |
| A2: Transport | 0.725 kgCO ₂ e | 2.02% | TM65 Assumption |
| A3: Manufacturing | 5.200 kgCO ₂ e | 14.47% | |
| A4: Transport to Site | 0.072 kgCO ₂ e | 0.20% | TM65 Assumption |
| B3: Repair | 5.801 kgCO ₂ e | 16.14% | One battery replacement accounted for over 10 year product life |
| C2: Transport | 0.024 kgCO ₂ e | 0.07% | |
| C3: Waste Processing | 2.600 kgCO ₂ e | 7.23% | |
| C4: Disposal | 0.009 kgCO ₂ e | 0.02% | TM65 Assumption |
| Total: A1-A4, B3, C2-C4 | 35.951 kgCO₂e | | |
| Including Buffer Factor | 46.737 kgCO₂e | | |

Total Embodied Carbon
(TM65 Mid-Level Calculation)

46.737
kg CO₂e

Calculated using CIBSE DT65 Embodied Carbon Calculator (Beta V1.3)

For further information, please contact sales@philippayne.co.uk