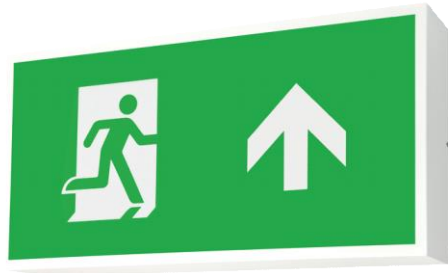


## TM65 Mid-Level Calculation

**660SWXT**

EDGE LIT EXIT SIGN, SINGLE SIDED,  
SPECTO-XT MAINTAINED



### Product Information

|                         |          |
|-------------------------|----------|
| Weight                  | 7.055 kg |
| Service Life            | 10 Years |
| Location of Manufacture | Solihull |

| Life Cycle Stage        | kg CO <sub>2</sub> e        | Percentage of Total | Notes   |
|-------------------------|-----------------------------|---------------------|---|
| A1: Material Extraction | 46.021 kgCO <sub>2</sub> e  | 53.41%              | TM65 Assumption   |
| A2: Transport           | 2.794 kgCO <sub>2</sub> e   | 3.24%               | TM65 Assumption   |
| A3: Manufacturing       | 20.042 kgCO <sub>2</sub> e  | 23.26%              |   |
| A4: Transport to Site   | 0.279 kgCO <sub>2</sub> e   | 0.32%               | TM65 Assumption   |
| B3: Repair              | 6.876 kgCO <sub>2</sub> e   | 7.98%               | One battery replacement accounted for over 10 year product life |
| C2: Transport           | 0.093 kgCO <sub>2</sub> e   | 0.11%               |   |
| C3: Waste Processing    | 10.021 kgCO <sub>2</sub> e  | 11.63%              |   |
| C4: Disposal            | 0.035 kgCO <sub>2</sub> e   | 0.04%               | TM65 Assumption   |
|                         |                             |                     |   |
| Total: A1-A4, B3, C2-C4 | 86.159 kgCO <sub>2</sub> e  |                     |   |
| Including Buffer Factor | 112.007 kgCO <sub>2</sub> e |                     |   |

### Total Embodied Carbon

(TM65 Mid-Level Calculation)

**112.007**

**kg CO<sub>2</sub>e**

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

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