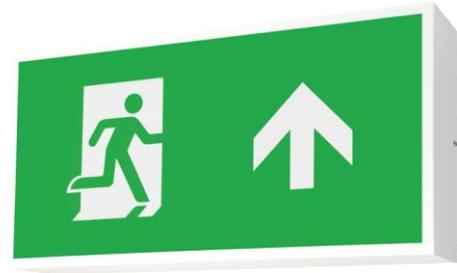


## TM65 Mid-Level Calculation

**660SWXT**

EDGELIT 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
<b>Total: A1-A4, B3, C2-C4</b>	<b>86.159 kgCO<sub>2</sub>e</b>		
<b>Including Buffer Factor</b>	<b>112.007 kgCO<sub>2</sub>e</b>		

**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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