

## TM65 Mid-Level Calculation

# IONCRXT SINGLE SIDED

ION CEILING, RECESSED MOUNTED, SPECTO-XT MAINTAINED



## Product Information

Weight	1.927 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	20.711 kgCO <sub>2</sub> e	58.18%	TM65 Assumption
A2: Transport	0.763 kgCO <sub>2</sub> e	2.14%	TM65 Assumption
A3: Manufacturing	5.473 kgCO <sub>2</sub> e	15.38%	
A4: Transport to Site	0.076 kgCO <sub>2</sub> e	0.21%	TM65 Assumption
B3: Repair	5.801 kgCO <sub>2</sub> e	16.30%	One battery replacement accounted for over 10 year product life
C2: Transport	0.025 kgCO <sub>2</sub> e	0.07%	
C3: Waste Processing	2.737 kgCO <sub>2</sub> e	7.69%	
C4: Disposal	0.009 kgCO <sub>2</sub> e	0.03%	TM65 Assumption
<b>Total: A1-A4, B3, C2-C4</b>	<b>35.596 kgCO<sub>2</sub>e</b>		
<b>Including Buffer Factor</b>	<b>46.275 kgCO<sub>2</sub>e</b>		

**Total Embodied Carbon**  
(TM65 Mid-Level Calculation)

**46.275**  
**kg CO<sub>2</sub>e**

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

For further information, please contact [sales@philippayne.co.uk](mailto:sales@philippayne.co.uk)