

TM65 Mid-Level Calculation

IONCSXT DOUBLE SIDED

ION CEILING, SURFACE MOUNTED, SPECTO-XT MAINTAINED



Product Information

Weight	1.695 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	21.122 kgCO ₂ e	60.49%	TM65 Assumption
A2: Transport	0.671 kgCO ₂ e	1.92%	TM65 Assumption
A3: Manufacturing	4.816 kgCO ₂ e	13.79%	
A4: Transport to Site	0.067 kgCO ₂ e	0.19%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	16.61%	One battery replacement accounted for over 10 year product life
C2: Transport	0.022 kgCO ₂ e	0.06%	
C3: Waste Processing	2.408 kgCO ₂ e	6.90%	
C4: Disposal	0.008 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	34.916 kgCO₂e		
Including Buffer Factor	45.391 kgCO₂e		

Total Embodied Carbon

(TM65 Mid-Level Calculation)

45.391

kg CO₂e

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

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