

TM65 Mid-Level Calculation

IONCRXT DOUBLE SIDED

ION CEILING, RECESSED MOUNTED,
SPECTO-XT MAINTAINED



Product Information

Weight	2.003 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	19.900 kgCO ₂ e	56.62%	TM65 Assumption
A2: Transport	0.793 kgCO ₂ e	2.26%	TM65 Assumption
A3: Manufacturing	5.691 kgCO ₂ e	16.19%	
A4: Transport to Site	0.079 kgCO ₂ e	0.23%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	16.51%	One battery replacement accounted for over 10 year product life
C2: Transport	0.026 kgCO ₂ e	0.08%	
C3: Waste Processing	2.845 kgCO ₂ e	8.10%	
C4: Disposal	0.010 kgCO ₂ e	0.03%	TM65 Assumption

Total: A1-A4, B3, C2-C4	35.146 kgCO ₂ e
Including Buffer Factor	45.689 kgCO ₂ e

Total Embodied Carbon

(TM65 Mid-Level Calculation)

45.689

kg CO₂e

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

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