

TM65 Mid-Level Calculation

IONCRLM DOUBLE SIDED

ION CEILING, RECESSED MOUNTED, MAINTAINED



Product Information

Weight	1.969 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	18.810 kgCO ₂ e	55.50%	TM65 Assumption
A2: Transport	0.780 kgCO ₂ e	2.30%	TM65 Assumption
A3: Manufacturing	5.593 kgCO ₂ e	16.50%	
A4: Transport to Site	0.078 kgCO ₂ e	0.23%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	17.12%	One battery replacement accounted for over 10 year product life
C2: Transport	0.026 kgCO ₂ e	0.08%	
C3: Waste Processing	2.796 kgCO ₂ e	8.25%	
C4: Disposal	0.010 kgCO ₂ e	0.03%	TM65 Assumption
Total: A1-A4, B3, C2-C4	33.894 kgCO₂e		
Including Buffer Factor	44.062 kgCO₂e		

Total Embodied Carbon

(TM65 Mid-Level Calculation)

44.062

kg CO₂e

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

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