

TM65 Mid-Level Calculation

IONCRDL DOUBLE SIDED

ION CEILING, RECESSED MOUNTED,
DALI MAINTAINED



Product Information

Weight	1.968 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	18.967 kgCO ₂ e	55.71%	TM65 Assumption
A2: Transport	0.779 kgCO ₂ e	2.29%	TM65 Assumption
A3: Manufacturing	5.589 kgCO ₂ e	16.42%	
A4: Transport to Site	0.078 kgCO ₂ e	0.23%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	17.04%	One battery replacement accounted for over 10 year product life
C2: Transport	0.026 kgCO ₂ e	0.08%	
C3: Waste Processing	2.795 kgCO ₂ e	8.21%	
C4: Disposal	0.010 kgCO ₂ e	0.03%	TM65 Assumption
Total: A1-A4, B3, C2-C4	34.045 kgCO ₂ e		
Including Buffer Factor	44.258 kgCO ₂ e		

Total Embodied Carbon

(TM65 Mid-Level Calculation)

44.258

kg CO₂e

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

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