

## TM65 Mid-Level Calculation

### TYKE860DS

TYKE, STANDARD LENS, DALI NON-MAINTAINED



### Product Information

Weight	0.555 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	18.269 kgCO <sub>2</sub> e	37.26%	TM65 Assumption
A2: Transport	0.220 kgCO <sub>2</sub> e	0.45%	TM65 Assumption
A3: Manufacturing	1.576 kgCO <sub>2</sub> e	3.21%	
A4: Transport to Site	0.022 kgCO <sub>2</sub> e	0.04%	TM65 Assumption
B3: Repair	28.147 kgCO <sub>2</sub> e	57.41%	Two battery replacements accounted for over 10 year product life
C2: Transport	0.007 kgCO <sub>2</sub> e	0.01%	
C3: Waste Processing	0.788 kgCO <sub>2</sub> e	1.61%	
C4: Disposal	0.003 kgCO <sub>2</sub> e	0.01%	TM65 Assumption
Total: A1-A4, B3, C2-C4	49.030 kgCO <sub>2</sub> e		
Including Buffer Factor	63.740 kgCO <sub>2</sub> e		

#### Total Embodied Carbon

(TM65 Mid-Level Calculation)

# 63.740

## 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)