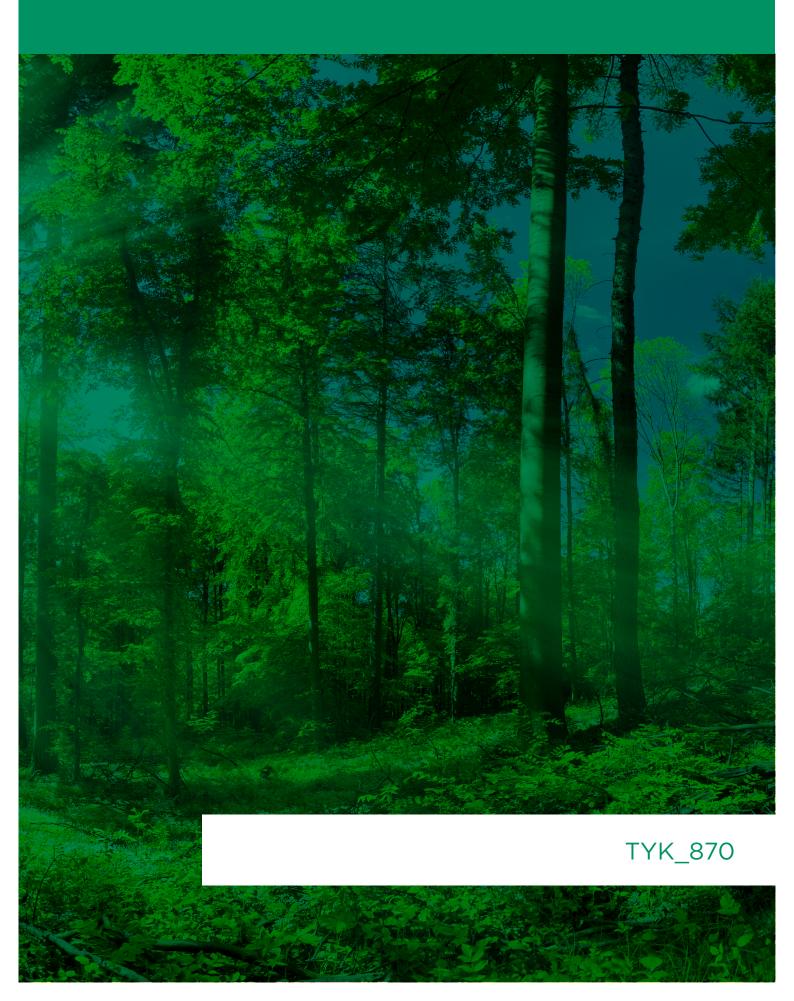
CIBSE TM65 - EMBODIED CARBON





TM65 Mid-Level Calculation



Product Information

Product Name TYKP870DS

Description TYKE870, IP Rated,

Non-maintained DALI

Weight (Kg) 0.64

Size (mm) 55mm Dia x 37mm Head

276mm x 55mm x 41mm Body

Service Life (Years) 10

Location of manufacture Solihull (UK)

% Assessed by Weight 95%



Life Cycle Stage	kgCO²e	Percentage of Total		
A1 Material Extraction	21	58.33%		
A2 Transport to Factory	0	0.0%		
A3 Manufacturing Energy	2	5.01%		
A4 Transport to Site	0	0.0%		
B3 Repair	11	32.08%		
C2 Transport To Waste	0	0.0%		
C3 Waste Processing	1	2.51%		
C4 Waste Disposal	0	0.0%		
Total A1-A4, B3, C2-C4		36		
With Buffer (1.3)	47			

Total embodied carbon calculated in line with Mid Level TM65 calculation method

47.00 kgCO²e

TM65 Mid-Level Calculation



Product Information

Product Name TYKT870DA

Description TYKE870, DALI MAINS

Weight (Kg) 0.20

Size (mm) 55mm Dia x 37mm Head

276mm x 55mm x 41mm Body

Service Life (Years) 10

Location of manufacture Solihull (UK)

% Assessed by Weight 95%



Life Cycle Stage	kgCO²e	Percentage of Total
A1 Material Extraction	6	75.00%
A2 Transport to Factory	0	0.0%
A3 Manufacturing Energy	1	12.5%
A4 Transport to Site	0	0.0%
B3 Repair	1	12.5%
C2 Transport To Waste	0	0.0%
C3 Waste Processing	0	0.0%
C4 Waste Disposal	0	0.0%
Total A1-A4, B3, C2-C4		8
With Buffer (1.3)		11

Total embodied carbon calculated in line with Mid Level TM65 calculation method

11.00 kgCO²e

TM65 Mid-Level Calculation



Product Information

Product Name TYKT870DS

Description TYKE870, Non-maintained DALI

Weight (Kg) 0.64

Size (mm) 55mm Dia x 37mm Head

276mm x 55mm x 41mm Body

Service Life (Years) 10

Location of manufacture Solihull (UK)

% Assessed by Weight 95%



Life Cycle Stage	kgCO²e	Percentage of Total		
A1 Material Extraction	21	58.33%		
A2 Transport to Factory	0	0.0%		
A3 Manufacturing Energy	2	5.01%		
A4 Transport to Site	0	0.0%		
B3 Repair	11	32.08%		
C2 Transport To Waste	0	0.0%		
C3 Waste Processing	1	2.51%		
C4 Waste Disposal	0	0.0%		
Total A1-A4, B3, C2-C4		36		
With Buffer (1.3)	47			

Total embodied carbon calculated in line with Mid Level TM65 calculation method

47.00 kgCO²e