



# TM65.2 Embodied Carbon Declaration

Document No: CLEV-TM65.2- ARGOPRO-600-DD

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## Basic report for ARGOPRO-600-DD as manufactured by Clevertronics

| Basic calculation                          |                                | Notes/source    |
|--------------------------------------------|--------------------------------|-----------------|
| Date of assessment                         | 05/06/26                       | Form "dd/mm/yy" |
| Name of assessor and assessor organisation | Self Assessment                |                 |
| Contact email address of assessor          | m.beattie@clevertronics.com.au |                 |

| Product information                                                |            |                          |
|--------------------------------------------------------------------|------------|--------------------------|
| Type of product                                                    | Luminaires |                          |
| Capacity of equipment/size (kW; m <sup>3</sup> ; litre; etc.)      | kW         |                          |
| Product weight (kg)                                                | 1.49 kg    |                          |
| Material % breakdown for at least 95% of the product weight? (Y/N) | Y          |                          |
| Product service life (years)                                       | 12 Years   |                          |
| If refrigerant based, type of refrigerant used and GWP             | #N/A       |                          |
| Refrigerant charge (kg)                                            | 0.00 kg    |                          |
| Product complexity category                                        | Category 2 | See CIBSE TM65 Table 4.3 |

| Embodied carbon results (kg CO <sub>2</sub> e) – without refrigerant leakage                            |                        |  |
|---------------------------------------------------------------------------------------------------------|------------------------|--|
| A1: Material extraction (original product)                                                              | 17 kgCO <sub>2</sub> e |  |
| A1: Material extraction (components that are replaced)                                                  | 2 kgCO <sub>2</sub> e  |  |
| A1-A4, B3, C2-C4: Total embodied carbon with scale-up and buffer factor (excluding refrigerant leakage) | 34 kgCO <sub>2</sub> e |  |

| Embodied carbon result (kg CO <sub>2</sub> e) – refrigerant leakage only         |                       |      |
|----------------------------------------------------------------------------------|-----------------------|------|
| B1 (refrigerant leakage during use) +<br>C1 (refrigerant leakage at end of life) | 0 kgCO <sub>2</sub> e | #N/A |

| Embodied carbon result with 'basic' calculation method (kg CO <sub>2</sub> e) – total |                        |  |
|---------------------------------------------------------------------------------------|------------------------|--|
| Result of 'basic' calculation method                                                  | 34 kgCO <sub>2</sub> e |  |

Note: Some values appear as 0 due to rounding in TM65 calculator presentation, however the actual values are included when calculating totals

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