

Lighting Global Standardized Specifications Book

Manufacturer: d.light design

Component Family Name: D3XX Family

**Date of Standardized
Specifications Book Expiration:** September 30, 2019

Verify Online: <http://www.lightingglobal.org/products/dl-d3xxfamily>

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This Lighting Global Standardized Specifications Book presents a **component-level Standardized Specifications Sheet** listing the available components in the product family by component type, each individual component's performance rating, and performance results for each component tested according to the latest version of the Quality Test Method (QTM) in IEC 62257-9-5 or the Lighting Global Quality Assurance Protocol for Solar Home System Kits, as applicable. Following the component-level Standardized Specifications Sheet is a **list of the systems** covered by this Specifications Book that use combinations of these components.

NOTICE: Systems or kits developed using components from the component family will each perform differently and have not all been evaluated on a system-level basis. All systems listed in this Specifications Book are regarded to have passed the applicable Lighting Global Quality Standards.

Quality Standards Framework Version: 2017

Revision: 2017.03

Component-Level Standardized Specifications Sheet

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D3XX Family Family

Battery / Control Box

| Name / Model Number | Battery Capacity Rating (mAh) | Measured Battery Capacity (mAh) |
|---------------------|-------------------------------|---------------------------------|
| 3000 mAh battery | 3000 | 3200 |

PV Module

| Name / Model Number | Peak Power at STC Rating (W) | Measured Peak Power at STC (W) |
|---------------------|------------------------------|--------------------------------|
| 6 W panel | 6 | 5.8 |
| 9 W panel | 9 | 8.6 |

Light Sources

| Name / Model Number | Luminous Flux Rating (lm) | | | Measured Luminous Flux (lm) | | | Measured Lamp Efficacy (lm/W) | | |
|---------------------|---------------------------|--------|-----|-----------------------------|--------|-----|-------------------------------|--------|-----|
| | High | Medium | Low | High | Medium | Low | High | Medium | Low |
| D30 lamp | 120 | -- | -- | 119 | -- | 65 | -- | -- | -- |
| X850 lamp | 120 | -- | -- | 120 | -- | 64 | 104 | -- | 105 |
| S30 lantern | 60 | -- | -- | 58 | -- | 15 | 152 | -- | 160 |
| Tubelight (4m) | 200 | -- | -- | 180 | -- | 110 | 95 | -- | 98 |
| Tubelight (6m) | 200 | -- | -- | -- | -- | -- | -- | -- | -- |

Appliances

| Name / Model Number | Description | Rated Power (W) | Measured Power (W) | Rated Battery Capacity (mAh) | Measured Battery Capacity (mAh) |
|---------------------------------------|--|-----------------|--------------------|------------------------------|---------------------------------|
| Radio (model number SR10 and SR20) | portable radio with internal battery charges via USB | -- | -- | 1000 | 1000 |

NOTICE: As indicated, not all components listed on this page were tested according to the Quality Test Method (QTM) in IEC 62257-9-5. However, based on the satisfactory performance of the tested components in the family, the components that were not tested are regarded to have passed the applicable Lighting Global Quality Standards. In addition, all tested components passed an internal inspection, the full array of *applicable* QTM durability tests, as well as ingress protection testing (where applicable).

List of Covered Systems

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D3XX Family Family

| System Name | Number of each component included in each system | | | | | | | | | |
|-------------|--|-----------|-------------|--------------|--------------|-------|-------|------------------|-----------|-----------|
| | D30 bulb | X850 bulb | S30 lantern | Tubelight 4m | Tubelight 6m | Radio | Torch | 3000 mAh Battery | 6 W panel | 9 W panel |
| D330** | | 2 | | 1 | | | | 1 | 1 | |
| D331 | | 3 | | | | | | 1 | 1 | |
| D332 | | 2 | | 1 | | | | 1 | | 1 |
| D333 | | 1 | | 1 | 1 | | | 1 | 1 | |
| D330R | 2 | | | 1 | | 1 | | 1 | | 1 |
| D335 | | 2 | | 1 | | 1 | 1 | 1 | | 1 |
| D330T | | 2 | | 1 | | | 1 | 1 | 1 | |
| D332R | | 2 | | 1 | | 1 | | 1 | | 1 |
| D340 | | 4 | 1 | | | 1 | 1 | 1 | | 1 |

**Tested as full systems. Individual SSS available on Lighting Global website.

NOTICE:

Only the D330 was fully tested as system according to the Quality Test Method (QTM) in IEC 62257-9-5 or the Lighting Global Quality Assurance Protocol for Solar Home System Kits, as applicable. Individual Standardized Specifications Sheets (SSS) that report system-level performance are available for the D330 at www.lightingglobal.org/products. Systems that were not tested, but that were developed using components from the component family will perform differently than the system(s) shown in the individual system-level SSS. All systems listed above are regarded to have passed the applicable Lighting Global Quality Standards.

Unless otherwise noted, the following information applies to all listed systems and components:

Warranty Information

Two year warranty on all kits and components

Marks and Certifications

Factory certification

ISO 9001:2008; ISO 14001:2004