

# Lighting Global Standardized Specifications Book

**Manufacturer:** d.light design

**Component Family Name:** D33X

**Date of Standardized  
Specifications Book Expiration:** March 31, 2019

**Verify Online:** <http://www.lightingglobal.org/products/dl-d33xfamily>

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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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D33X 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
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
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 11001A)	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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D33X Family

System Name	Number of each component included in each system								
	D30 bulb	X850 bulb	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	
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

\*\*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](http://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
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