

Project Name: Lighting Load Example

Owner: Cadbuild

Site Address: 285 Dairy Rd, The Oaks, NSW 2570

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20/05/2019

Report: Lighting Load - Lighting

LIGHTING LOAD CALCULATIONS

▽ TOTAL LIGHTING LOAD

<u>Name</u>	<u>Value</u>	<u>Unit</u>
Total No - Light fittings	12	each
Total light wattage	1	watts
Total Area	78.30	m2
Total Watts per m2	0.01	w/m2

▽ HABITABLE ROOM LIGHT LOADING

<u>Name</u>	<u>Value</u>	<u>Unit</u>
Habitable light fittings	9	each
Habitable Room Wattage	0.49	watts
Lighting area HR	45.01	m2
Watts per m2 HR	0.01	w/m2
Habitable Room maximum allowable	5	w/m2

▽ BALCONY & VERANDAH LIGHT LOADING

<u>Name</u>	<u>Value</u>	<u>Unit</u>
Balcony light fittings	1	each
Balcony Wattage	0.07	watts
Lighting area BV	10.78	m2
Watts per m2 BV	0.01	w/m2
Balcony and Verandah maximum allowable	4	w/m2

▽ GARAGE & STOREROOM LIGHT LOADING

<u>Name</u>	<u>Value</u>	<u>Unit</u>
Garage light fittings	2	each
Garage Wattage	0.14	watts
Lighting area GS	22.52	m2
Watts per m2 GS	0.01	w/m2
Garage and Store maximum allowable	3	w/m2