





Author
EnviroSpec Verification Services


Document Type
Green Building Rating Compatibility Analysis

Document Code
ES-GSNZ-13-72a

Validity			
			
Office 2009 + V3 ✓ Interiors 2009 + V3 ✓ Education 2009 + V3 + V3.1 ✓ Industrial 2009 + V3 ✓	Homestar V2 + V3 ✓ Homestar V4 ✓	(N/A) -	(N/A) -

Client
Switch Lighting

Product Name
D-lightz

Product Description
<p>This is the latest offering from Switch Lighting. D-Lightz is manufactured in New Zealand, this product is designed to comply with the new Downlight Classification standards of New Zealand and has achieved the highest classification of IC-F. This is the first LED Luminaire in NZ and the only NZ made LED product has earned ENERGY STAR Mark for energy efficiency.</p>


Manner in which the product may contribute towards points	Legend of Symbols in EnviroSpec
Products must meet specific criteria (e.g. Paint VOC emissions, carpets, etc)	✓
Products may help achieve points by their very nature, if they are specified and installed (e.g. bicycle racks)	•
Products may help achieve an outcome but they must be used in a specific manner (e.g. lighting control and zoning systems) OR This product can contribute towards the outcome but many other products or factor influence that same outcome (E.g. Potable Water Calculator)	○

Disclaimer - Please read this carefully
 Each Building Environmental Rating Tool and Scheme nominated herein is owned and operated by its respective operative organisation, independently of EnviroSpec Ltd., and EnviroSpec Ltd. equally operates independently of any nominated rating scheme. The information represented on EnviroSpec is not endorsed by any of these organisations in a direct manner and any decision regarding final approval or refusal of points and certifications where the nominated product is used is at the final discretion of the respective owners and operators of the nominated Building Environmental Rating Schemes, and any network of assessors or auditors that are accredited to operate under their assessment structure, in accordance with all associated technical manuals, rules and guidelines. For detailed technical information about each Building Environmental Rating Schemes and product related criteria please refer to the appropriate technical manuals. EnviroSpec does not accept liability for any loss or damages resulting from the use of this document and emphasizes that this document is provided as guidance only. Use of, or reliance upon, any information contained in this report is at the user's own risk. The information presented in this report is valid for the Building Environmental Rating Schemes and Tools nominated herein only. As and when the respective owners and operators publish updates or new tools, the information may require updating. EnviroSpec Ltd. will only update information in this report upon receiving written consent from the Manufacturer, Supplier or upon request from an operative organisation of one of the Building Environmental Rating Tools nominated herein. **It is the responsibility of the reader to check for regular updates.**

Tool	Credit category	Points available	Requirements	Contribution symbol	Contribution Potential	Details of compliance
Homestar (V2 and V3)	EHC-3	2	This credit rewards energy efficient lighting options according to fair/good/better and best lighting achievements. 'Best Lighting' requires indoor lamps to have an efficacy of >35 lumens per watt with integral fitting or dedicated base.	✔	2 points (assuming outdoor "best lighting" also achieved)	Switch Lighting (D-Lightz) comply with these requirements and can be specified to achieve the "best" lighting points. <i>Note: This analysis excludes outdoor lighting, which must also meet minimum requirements in order to achieve the "Best" lighting points.</i>
Homestar V4	EHC-6	2	This credit rewards energy efficient lighting options whereby: <ul style="list-style-type: none"> - All indoor lighting has an efficacy > 40 lumens per watt (0.5pts) - All outdoor lighting has an efficacy > 40 lumens per watt (0.5pts) - All outdoor, balcony & indoor common lights has effective lighting controls (0.5pts) - Total indoor power lighting density is no more than 5 watts / m2 (0.5pts) 	○	Upto 2 points (assuming outdoor lighting, effective controls and also achieved)	Switch Lighting (D-Lightz) have an efficacy > 40 lumens per watt and Switch Lighting offers a design service helping ensure the lighting power density never exceeds 5 watts per m2. <i>Note: This analysis excludes the outdoor lighting and effective lighting controls, which must also meet minimum requirements in order to gain the full 2 points.</i>
Green Star NZ Office 2009 +V3 + Education 2009 + V3 +V3.1 + Industrial 2009 +V3	ENE 1, 2	-	This credit rewards the use energy efficient design features and systems in the building.	○	Contribution potential	Using Switch lighting (D-Lightz) may help provide an energy efficient solution for lighting. <i>Please note: This explanation is provided as soft guidance only. Actual points and performance in the nominated credits is strongly dependent on many products, systems and design features implemented by the Architects and Engineers.</i>
Green Star NZ Office 2009 +V3 + Interiors 2009 + V3	ENE-4	3	This credit rewards lighting design practices which lessen lighting energy consumption while maintaining appropriate lighting levels and also while maintaining appropriate illumination on ceilings, walls and floors.	○	Contribution potential	Switch lighting (D-Lightz) have low wattage consumption for good light output and can help achieve the illuminance and lighting power density requirements stated in the Technical Manual. <i>Please note: This explanation is provided as soft guidance only. Actual points and performance in the nominated credits is strongly dependent on many products, systems and design features implemented by the Designers and Engineers.</i>
SBN Circular Economy Office Model V1.1	New Materials Framework	Pass/Fail	This product has not been assessed against this criteria	-	-	N/A
Living Building Challenge		Pass/Fail	This product has not been assessed against this criteria.	-	-	N/A