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Green Building Rating Compatibility Analysis

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

Client
Business Lighting Solutions

Product Name
BLS Downlight

Product Description
<p>BLS commercial down lights provide the ideal LED solution for new build or commercial LED upgrades and deliver the reliability and performance our clients have come to expect. Manufactured in three common sizes and a broad range of power outputs, the down lights are designed to suit a broad range of applications. Optional circular or square cut flanges in stainless steel or powder coated in a colour of your choice ensures a clean finish regardless of hole size.</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

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Tool	Credit category	Points available	Requirements	Contribution symbol	Contribution Potential	Details of compliance
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 BLS LED Downlights lighting 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	BLS LED downlights 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>
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)	The nominated product complies with these requirements and can be specified to achieve the "best" lighting points. BLS LED downlights provide efficiency up to 114 lumens per watt, and is not replaceable with less efficient options due to the control gear in the base. This meets Homestar requirements and can help contribute towards 'Best lighting'. <i>Note: This analysis excludes outdoor lighting, which must also meet minimum requirements in order to achieve the "Best" lighting points.</i>
Living Building Challenge		Pass/Fail	This product has not been assessed against this criteria.	-	-	N/A
SBN Circular Economy Office Model V1.1	New Materials Framework	Pass/Fail	This product has not been assessed against this criteria	-	-	N/A