



# VERS-ASYMMETRIC (09) TEST FOR NEW SUSTAINABILITY TEMPLATE

Sustainability Quick Reference Guide



This document offers a quick view of sustainability credits that could be awarded through use of this product. Please note that while QTL products can have a direct impact on obtaining points for sustainability programs, there are additional factors controlled by specifiers and project managers that can earn additional points. These include overall project design, layout, construction practices, the selection of reflective/non-reflective surface treatments, the use of lighting controls systems, etc.

QTL products can help address the following requirements:

LEED V4 INTERIOR DESIGN AND CONSTRUCTION

	CREDITS SATISFIED	CREDIT DESCRIPTION	DOCUMENTATION	PRODUCT PERFORMANCE																					
Materials and Resources (MR): Material Ingredient Reporting	1	This product has a Declare label that meets specific criteria, such as being designated as Red List Free, LBC Red List Free, Declared, or LBC Red List Approved, and demonstrates the chemical inventory of the product to at least 0.1% (1000 ppm).	Supporting Documents	Declare label status: Declared chemical inventory of the product of 100% (1000 ppm)																					
Indoor Environmental Quality (IEQ): Quality of Lighting	1	Color Rendering: This product meets the minimum Color Rendering Index (CRI) requirement of at least 90 and L70 over 24000 hours.	Supporting Documents	<div>[Calculated L70 = 70000 hrs] Tested with VERS-09-DW-**-**-DRY</div> <table><tr><td></td><td colspan="2">1.5HE W/FT</td><td colspan="2">2.5HE W/FT</td><td colspan="2">4.0HE W/FT</td></tr><tr><td></td><td>LM/FT</td><td>CRI</td><td>LM/FT</td><td>CRI</td><td>LM/FT</td><td>CRI</td></tr><tr><td>ASYM</td><td>141</td><td>98</td><td>223</td><td>98</td><td>343</td><td>98</td></tr></table>		1.5HE W/FT		2.5HE W/FT		4.0HE W/FT			LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	ASYM	141	98	223	98	343	98
	1.5HE W/FT		2.5HE W/FT		4.0HE W/FT																				
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI																			
ASYM	141	98	223	98	343	98																			
Building Product Disclosure and Optimization.	0.5	Industry-Wide (generic) EPD to ISO 14025 and EN 15804 or ISO 21930.	Supporting Documents	Industry Environmental Product Declaration available.																					
Building Product Disclosure and Optimization.	1	Product Specific EPD (externally verified)	Supporting Documents	TYPE III Product Specific Environmental Product Declaration available.																					



# VERS-ASYMMETRIC (09) TEST FOR NEW SUSTAINABILITY TEMPLATE

Sustainability Quick Reference Guide

## LEED V4 BUILDING DESIGN AND CONSTRUCTION

	CREDITS SATISFIED	CREDIT DESCRIPTION	DOCUMENTATION	PRODUCT PERFORMANCE
Indoor Environmental Quality (IEQ): Interior Lighting	1	Meets Color Rendering Index of 80 or higher and L70 over 24,000 hours  *contributes to a total of 1 point provided additional criteria are satisfied in addition to those QTL provides.	Supporting Documents	
SS Credit: Light Pollution Reduction	1	Light Trespass Option 1 BUG Rating Method - Maximum Backlighting and Glare Ratings	Supporting Documents	B value: 25 U value: 30 G value: 35
Building Product Disclosure and Optimization	0.5	Industry-Wide (generic) EPD to ISO 14025 and EN 15804 or ISO 21930	Supporting Documents	Industry Environmental Product Declaration available.
Building Product Disclosure and Optimization.	1	Product Specific EPD (externally verified).	Supporting Documents	TYPE III Product Specific Environmental Product Declaration available.



# VERS-ASYMMETRIC (09) TEST FOR NEW SUSTAINABILITY TEMPLATE

## Sustainability Quick Reference Guide

### LEED V4.1 INTERIOR DESIGN AND CONSTRUCTION

	CREDITS SATISFIED	CREDIT DESCRIPTION	DOCUMENTATION	PRODUCT PERFORMANCE																					
				[Calculated L70 = 70000 hrs] Tested with VERS-09-DW-**-**-DRY																					
				<table><tr><td></td><td colspan="2">1.5HE W/FT</td><td colspan="2">2.5HE W/FT</td><td colspan="2">4.0HE W/FT</td></tr><tr><td></td><td>LM/FT</td><td>CRI</td><td>LM/FT</td><td>CRI</td><td>LM/FT</td><td>CRI</td></tr><tr><td>ASYM</td><td>141</td><td>98</td><td>223</td><td>98</td><td>343</td><td>98</td></tr></table>		1.5HE W/FT		2.5HE W/FT		4.0HE W/FT			LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	ASYM	141	98	223	98	343	98
	1.5HE W/FT		2.5HE W/FT		4.0HE W/FT																				
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI																			
ASYM	141	98	223	98	343	98																			
EQ Credit: Interior Lighting	1	UGR < 19 and CRI at least 90	Supporting Documents																						
Option 1 Material Ingredient Reporting	1	Declare label designated as LBC Red List Free, LBC Red List Approved, or Declared.	Supporting Documents	LBC Red List Free LBC Red List Approved Declared																					
Option 2 Material Ingredient Optimization.	1	Materials Screen and Optimization Action Plan.	Supporting Documents	QTL has a Materials Screen and Optimization Action Plan.																					
Building Product Disclosure and Optimization - Environmental Product Declarations.	1	Industry-Wide (generic) EPD to ISO 14025 and EN 15804 or ISO 21930.	Supporting Documents	Industry Environmental Product Declaration available.																					
Building Product Disclosure and Optimization - Environmental Product Declarations.	1.5	Product Specific EPD (externally verified).	Supporting Documents	TYPE III Product Specific Environmental Product Declaration available.																					

### LEED V4.1 BUILDING DESIGN AND CONSTRUCTION

CREDITS SATISFIED		CREDIT DESCRIPTION	DOCUMENTATION	PRODUCT PERFORMANCE																					
SS Credit: Light Pollution Reduction	1	Light Trespass Option 1 BUG Rating Method - Maximum Backlighting and Glare Ratings	Supporting Documents																						
EQ Credit: Interior Lighting	1	UGR < 19 and CRI at least 90  *in combination with 1 non-luminaire satisfaction.	Supporting Documents	<div>[Calculated L70 = 70000 hrs] Tested with VERS-09-DW-**-**-DRY</div> <table><tr><td></td><td colspan="2">1.5HE W/FT</td><td colspan="2">2.5HE W/FT</td><td colspan="2">4.0HE W/FT</td></tr><tr><td></td><td>LM/FT</td><td>CRI</td><td>LM/FT</td><td>CRI</td><td>LM/FT</td><td>CRI</td></tr><tr><td>ASYM</td><td>141</td><td>98</td><td>223</td><td>98</td><td>343</td><td>98</td></tr></table>		1.5HE W/FT		2.5HE W/FT		4.0HE W/FT			LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	ASYM	141	98	223	98	343	98
	1.5HE W/FT		2.5HE W/FT		4.0HE W/FT																				
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI																			
ASYM	141	98	223	98	343	98																			
Building Product Disclosure and Optimization	0.5	Industry-Wide (generic) EPD to ISO 14025 and EN 15804 or ISO 21930	Supporting Documents	Industry Environmental Product Declaration available.																					
Building Product Disclosure and Optimization	1	Product Specific EPD (externally verified)	Supporting Documents	TYPE III Product Specific Environmental Product Declaration available.																					



VERS-ASYMMETRIC (09) TEST FOR NEW SUSTAINABILITY TEMPLATE

Sustainability Quick Reference Guide

WELL BUILDING STANDARD V2

	CREDITS SATISFIED	CREDIT DESCRIPTION	DOCUMENTATION	PRODUCT PERFORMANCE																					
Materials Concept: X09. Material Transparency, Part 1	1	This product meets the following requirement: a. Declare label, operated by the International Living Institute.	Supporting Documents	Declare labels status: Declared Chemical inventory of the product of 100% (1000 ppm).																					
Materials Concept: X09. Material Transparency, Part 2	1	This product meets the following requirements: a. All ingredients are disclosed down to 100 ppm. b. All ingredients are publicly disclosed by the manufacturer, a disclosure organization, or a third party through a Declare label, operated by the International Living Future Institute.	Supporting Documents	Declare label status: Declared Chemical inventory of the product of 100% (1000 ppm).																					
Light Concept: L08. Quality, Part 1 (Enhance Color Electric Light Rendering Quality)	1	This product meets the following color rendering requirement: CRI ≥90.	Supporting Documents	<div>[Calculated L70 = 70000 hrs] Tested with VERS-09-DW-**-**-DRY</div> <table><tr><td></td><td colspan="2">1.5HE W/FT</td><td colspan="2">2.5HE W/FT</td><td colspan="2">4.0HE W/FT</td></tr><tr><td></td><td>LM/FT</td><td>CRI</td><td>LM/FT</td><td>CRI</td><td>LM/FT</td><td>CRI</td></tr><tr><td>ASYM</td><td>141</td><td>98</td><td>223</td><td>98</td><td>343</td><td>98</td></tr></table>		1.5HE W/FT		2.5HE W/FT		4.0HE W/FT			LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	ASYM	141	98	223	98	343	98
	1.5HE W/FT		2.5HE W/FT		4.0HE W/FT																				
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI																			
ASYM	141	98	223	98	343	98																			
Light Concept: L08. Quality, Part 2 (Enhance Color Electric Light Rendering Quality)	2	This product meets one of the following requirements: a. Classified as "reduced flicker operation" per California Title 24, when tested according to the requirements in Joint Appendix JA-10.8. b. Recommended practices 1, 2, or 3 as defined by IEEE standard 1789-2015 LED. c. Pst LM ≤ 1.0 and SVM ≤ 0.6 for indoor applications per NEMA 77-2017 or Commission Regulation (EU) 2019/2020.	Supporting Documents	State Recommended practices satisfied.																					
Light Concept: L04. Electric Light Glare Controls.	2	This product has a Unified Glare Rating (UGR) of 16 or lower.	Supporting Documents	<div>[Calculated L70 = 70000 hrs] Tested with VERS-09-DW-**-**-DRY</div> <table><tr><td></td><td colspan="2">1.5HE W/FT</td><td colspan="2">2.5HE W/FT</td><td colspan="2">4.0HE W/FT</td></tr><tr><td></td><td>LM/FT</td><td>CRI</td><td>LM/FT</td><td>CRI</td><td>LM/FT</td><td>CRI</td></tr><tr><td>ASYM</td><td>141</td><td>98</td><td>223</td><td>98</td><td>343</td><td>98</td></tr></table>		1.5HE W/FT		2.5HE W/FT		4.0HE W/FT			LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	ASYM	141	98	223	98	343	98
	1.5HE W/FT		2.5HE W/FT		4.0HE W/FT																				
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI																			
ASYM	141	98	223	98	343	98																			