



ENERGY STAR® QUALIFIED PRODUCT INFORMATION FORM FOR INDOOR RESIDENTIAL LIGHT FIXTURES

INDOOR

**ENERGY STAR product information form for use by ENERGY STAR qualified residential light fixture partners
(Companies who have joined ENERGY STAR for residential light fixtures by signing a Partnership Agreement)**

You may use this form to report those products that are sold under your company's brand name. If your firm sells models (fixtures) under a brand name different from your company name, you must list the brand name and the associated retailer/organization. Please copy this form and return one for each lamp/ballast combination to the address below.

MANUFACTURER (ENERGY STAR Partner): Sea Gull Lighting Products, LLC

SECTION I -- LAMP & BALLAST INFORMATION:						
Number of Lamps/ Fixture	Number of Ballasts/ Fixture	Individual Listed Lamp Wattage	Lamp Type ¹	Lamp Size ²	Lamp (e.g., lightbulb) Manufacturer & Model Number	Ballast Manufacturer & Model Number
3	3	55	CR	T6	VIVA TC55W/2700K	VIVA 82155
ENERGY STAR should review this submittal as a (circle one): Lamp &/or Ballast Platform ³ <u>Complete Fixture</u> Both						
1. Lamp Type: For example, CFL = Compact Fluorescent, CR = Circular, L = Linear 2. Lamp Size: For example, T4, T5, or T8. 3. A lamp and ballast platform does not receive the ENERGY STAR mark and cannot be promoted as an ENERGY STAR qualified product. Rather, you may promote the "qualified" lamp, ballast, or lamp/ballast platform as a component that meets applicable ENERGY STAR Program Requirements when used in ENERGY STAR qualified residential light fixtures.						
SECTION II -- TEST RESULTS: Enter results from test report (complete using average of tested samples) or manufacturer data as specified in the ENERGY STAR Program Requirements for Residential Light Fixtures Version 4.0 and attach required documentation to this form.						
Performance Characteristic		Test Result			Required Documentation (please attach to this form)	
Combined Lamp & Ballast Requirements						
System Efficacy		_11277_(3759)_____	Total Lumen Output		Test report from a lab accredited by NVLAP or one of its MRA signatories, an EPA approved Platform Letter of Qualification, or EPA-approved documentation from an industry association.	
		_162.96 (54.32)_____	Input Power (watts)			
		_69.2_____	Lumens Per Watt			
Lamp Requirements						
Lamp Life		_10,000_____	Average Rated Hours		Test report from a lab accredited by NVLAP or one of its MRA signatories, an EPA approved Platform Letter of Qualification, EPA-approved documentation from an industry association, or a test report from an ISO 9000 registered facility.	
Lumen Maintenance		_81.5_____	% of initial lumens at 40% rated lamp life (4,000 hour minimum)			
Lamp Color Rendering Index		_82.4_____	CRI			
Lamp Correlated Color Temperature (CCT)		Target CCT (circle one)		<u>2700K</u>	3000K	3500K
				4100K	5000K	6500K
		Samples falling within 7-step Mac Adam ellipse		_100_____ %		
Lamp/Lampholder Compatibility		List ANSI-IEC Designated Lamp Base Type		_G10q_____		
		ANSI-IEC Standardized Lamp ?		Yes OR <u>No</u>		
		If "Yes", list ANSI-IEC Lamp Standard Data Sheet Number		_____ OR <u>N/A</u>		
Lamp Labeling Requirement		Check box if lamp labeling requirement has been met:		<input checked="" type="checkbox"/>		
				A copy of the actual language that will be included on the lamp base or glass.		

SECTION II -- TEST RESULTS (continued): Enter results from test report (complete using average of tested samples) or manufacturer data as specified in the ENERGY STAR Program Requirements for Residential Light Fixtures Version 4.0 and attach required documentation to this form.

Ballast Requirements		
Lamp Start Time	__45__ Milliseconds	Test report from a lab accredited by NVLAP or one of its MRA signatories, an EPA approved Platform Letter of Qualification, EPA-approved documentation from an industry association, or a test report from an OSHA NRTL laboratory.
Power Factor	__0.578__	Test report from a lab accredited by NVLAP or one of its MRA signatories, an EPA approved Platform Letter of Qualification, EPA-approved documentation from an industry association, or a test report from the ballast or fixture manufacturer.
Lamp Current Crest Factor	__1.530__	Test report from a lab accredited by NVLAP or one of its MRA signatories, an EPA approved Platform Letter of Qualification, EPA-approved documentation from an industry association, or a test report from an OSHA NRTL laboratory.
Ballast Case Hot Spot Location	Check box if hotspot diagram has been included with this submittal: <input checked="" type="checkbox"/>	Ballast manufacturer documentation.
Maximum Recommended Ballast Case Temperature During Normal Operation Inside A Fixture	__75__ degrees Celsius	Ballast manufacturer documentation.
Maximum Measured Ballast Case Temperature During Normal Operation Inside Fixture(s)	__49.0__ degrees Celsius	Test report from a lab accredited by NVLAP or one of its MRA signatories, an OSHA NRTL laboratory, or the fixture or ballast manufacturer.
Electromagnetic and Radio Frequency Interference	Check box if the ballast meets FCC requirements for consumer use: <input checked="" type="checkbox"/>	No documentation required at time of submittal.
Ballast Frequency	__44.07__ kHz	Test report from a lab accredited by NVLAP or one of its MRA signatories, an EPA approved Platform Letter of Qualification, EPA-approved documentation from an industry association, or a test report from the ballast or fixture manufacturer.
Transient Protection	Check box if ballast meets transient protection requirements: <input checked="" type="checkbox"/>	Test report from a lab accredited by NVLAP or one of its MRA signatories, an EPA approved Platform Letter of Qualification, EPA-approved documentation from an industry association, or a test report from the ballast or fixture manufacturer.
End of Life Protection (Only required for ballasts with lamps sized T5 & smaller)	Testing requirements met? Yes OR N/A	For T4 and T5 lamps, test report from a lab accredited by NVLAP or one of its MRA signatories, an EPA approved Platform Letter of Qualification, EPA-approved documentation from an industry association, or a test report from the ballast or fixture manufacturer. For T3 lamps and smaller, a circuit diagram and engineering description.
	Maximum number of lamps shut down when lamp end of life event occurs: __1__ OR N/A	
Dimming	Dimming-Capable Ballast? Yes OR No	No documentation required at time of submittal, except when torchiere fixtures are submitted.
	Check one box if ballast is dimming-capable: <input type="checkbox"/> 3-Way Switching <input type="checkbox"/> Continuous Dimming	
Safety – Ballasts and “Non Edison base Fluorescent Adapters”	Listed for Safety? Yes OR N/A	Cover page of a safety test report or a general coverage statement.
Line Voltage Socket (LVS) Standard Design	Do any of the submitted fixtures use the twist-and-lock LVS standard design? Yes OR No	No documentation required at time of submittal.
Line Voltage Socket (LVS) Standard Design with Self-Ballasted Pin-Based Lamp	Do any of the submitted fixtures ship with self-ballasted pin-based lamps (i.e., integrated lamp and ballast) that use the twist-and-lock LVS standard design? Yes OR No	No documentation required at time of submittal.
Fixture Requirements (Only required for fixture submittals. Leave blank for lamp/ballast platform submittals.)		
Fixture Warranty	Check box if fixture warranty is included with fixture packaging: <input checked="" type="checkbox"/>	Provide two-year fixture manufacturer written warranty language that is included with product packaging.
Noise	__22.7__ dBA	No documentation required at time of submittal.

SECTION II -- TEST RESULTS (continued): Enter results from test report (complete using average of tested samples) or manufacturer data as specified in the ENERGY STAR Program Requirements for Residential Light Fixtures Version 4.0 and attach required documentation to this form.			
Replaceable Ballast	Check box if the submitted fixtures meet the replaceable ballast requirement: <input checked="" type="checkbox"/>	A copy of the language that includes guidance on ballast replacement and states that the ballast is replaceable with the use of a "qualified electrician" without the cutting of wires.	
Safety – Portable Fixtures	Listed for Safety? Yes OR <u>N/A</u>	Cover page of a safety test report or a general coverage statement.	
Safety – Hardwired Fixtures	Listed for Safety? <u>Yes</u> OR N/A	Cover page of a safety test report or a general coverage statement.	
Decorative LEDs	Do any of the submitted fixtures use decorative LEDs? Yes OR <u>No</u>	Manufacturer documentation including total wattage consumed by all LEDs, manufacturer warranty, and spec. sheet showing wattage, efficacy, LED life, color, and lumen depreciation.	
Permanent Conversions	Do any of the submitted fixtures use a factory-installed device to permanently convert an Edison lamp base to a pin-base for fluorescents? Yes OR <u>No</u>	No documentation required at time of submittal.	
Product Packaging for Consumer Awareness Requirements	<i>For fixtures that are not shipped with lamps:</i>		
	Does the packaging include a NEMA or ANSI generic lamp description, including a color designation? Yes N/A	Written copy or PDF graphic of the language that will be displayed on product packaging and within the packaging, as required.	
	Does the packaging suggest that the consumer select a lamp with a rated lamp life of 10,000 hours or more? Yes N/A		
	<i>For fixtures that are shipped with lamps:</i>		
	Does the packaging clearly describe the target CCT designation in Kelvin? <u>Yes</u> N/A		
	<i>For recessed downlight fixtures that are IC-Rated:</i>		
	Does the packaging clearly state this rating? Yes N/A		
	<i>For recessed downlight fixtures that are Air-Tight (AT) rated:</i>		
	Does the packaging include an "air-tight" or similar designation to clearly show that the fixture produces less air leakage than 2.0 CFM at 75 Pascals when tested in accordance with ASTM E283? Yes N/A		
Is the fixture itself labeled "air tight," or similar designation? Yes N/A			
Are installation instructions included? Yes N/A			
ADDITIONAL TEST RESULTS FOR INDOOR RECESSED DOWNLIGHT RETROFIT KITS ONLY: When qualifying a recessed downlight retrofit kit for ENERGY STAR, the following documentation must be provided in addition to the information required above.			
Reflector Type	_____	No supplemental documentation required	
Aperture Size	_____ Inches	No supplemental documentation required	
Air Tight For Restricted Air Movement	Check box if submitted fixtures meet air tight requirement: <input type="checkbox"/>	Manufacturer or laboratory data	
Electrical Connections	Check box if submitted fixtures have an Edison lamp socket with wire "pigtail" to the ballast: <input type="checkbox"/>	Manufacturer engineering description and/or diagram describing electrical connection	
Safety – Fixture Conversions, Retrofits	Check box if submitted fixtures meet safety requirements for conversions & retrofits: <input type="checkbox"/>	Cover page of a safety test report or a general coverage statement included	
Product Packaging for Consumer Awareness Requirements	Fixture Compatibility List? Yes N/A	Written copy or PDF graphic of the language that will be displayed on product packaging as well as installation instructions	
	ASTM E283 Compliance Language? Yes N/A		
	Installation Instructions? Yes N/A		

SECTION III -- FIXTURE MODELS WITH SAME LAMP/BALLAST COMBINATION:

Please complete "Section 8 Fixture Model Info" in the Supplemental Information Reporting (SIR) form associated with this QPI form. The "Fixture Model Info" section of the SIR form contains fields to enter "Manufacturer Model Number/Retail SKU," "Brand Name," "Fixture Type," "Does the lamp ship with fixture?," "Date Available on the Market," "Typed Fixture Description(s)," and "Intended Use."

SECTION IV -- MARKETING REQUIREMENTS:

Upon approval of this product, the Partner will take steps to ensure that the ENERGY STAR mark will appear (check all that apply):

On product packaging (required) **In product literature (required)** **On Internet site (required)**

Note: Manufacturers are strictly prohibited from labeling, promoting, or marketing products as ENERGY STAR Qualified before receiving EPA notice of qualification.

Following ENERGY STAR acceptance of a product, partner has 90 days to fulfill the labeling requirements. ENERGY STAR reserves the right to remove a non-compliant product from the Web site after 90 days. Explain briefly in writing how you plan to implement the above listed labeling requirements within the timeline (use additional pages if necessary):

Sea Gull Lighting is committed to the Energy Star program and acknowledges the value in labeling and co-branding. All Sea Gull Lighting packaging will reflect the Energy Star rating when appropriate. The company strongly co-brands its collateral materials, as evidenced throughout its 89 page energy efficient lighting catalog, as well as by dedicating a website in support of Energy Star products, www.energystarlights.com

SECTION V -- SUBMITTAL PROCEDURE:

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|---|---|
| <p>1. Complete all required data fields in one RLF Supplemental Information Reporting (SIR) form to be associated with one Qualified Product Information Reporting Form (QPI - this document). Refer to SIR "Instructions" Section for further guidance</p> <p>2. Fill out entire RLF QPI form based on requirements for submittal type ("Lamp &/or Ballast Platform," "Complete Fixture," or "Both")</p> | <p>3. Fill out one form for each lamp/ballast combination (note: multiple fixtures can be associated with one platform)</p> <p>4. Attach and email the compiled submittal:</p> <ul style="list-style-type: none"> • one (1) QPI form, and • one (1) RLF SIR form <p>5. Email to: ESRLF_Submit@icfconsulting.com</p> |
|---|---|

SECTION VI -- VERIFICATION: (To be signed by senior representative of the fixture manufacturer)

I declare that the above information is accurate and true to the best of my knowledge. I understand that if any of the above information is found to be inaccurate by ENERGY STAR or any of ENERGY STAR's contractors that the products listed above will be removed from the ENERGY STAR qualified product list. EPA may also choose to terminate the fixture manufacturer' Partnership Agreement.

Typed Name: Becky Gilmore

Contact Email Address (required): bgilmore@seagulllighting.com

Date: June 28, 2006

Contact Telephone Number (optional): 856-764-00500 x.7443