



United States
ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460

INDOOR

**ENERGY STAR® QUALIFIED PRODUCT INFORMATION FORM
FOR INDOOR RESIDENTIAL LIGHT FIXTURES AND
GU-24 BASED INTEGRATED LAMPS**

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 or GU-24 based integrated lamps) 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	GU-24 Lamp Type ²	Lamp Size ³	Lamp (e.g., lightbulb) Manufacturer & Model Number (if integrated lamp, copy this into cell at the right)	Ballast Manufacturer & Model Number
3	3	13	CFL	B	T3	TCP #33113SP	TCP #33113SP

ENERGY STAR should review this submittal as a (circle one): Lamp &/or Ballast Platform⁴ Complete Fixture GU-24 Based Integrated Lamp⁵

- Lamp Type (choose one of the following): CFL = Compact Fluorescent, CR = Circular, L = Linear
- GU-24 Lamp Type (for GU-24 based integrated lamps, only): B = Bare, C = Covered, R = Reflector, D = Dimmable
- Lamp Size: For example, T4, T5, or T8.
- With the exception of GU-24 Based Integrated Lamps, 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 "approved" 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.
- GU-24 Based Integrated Lamp submittals may receive the ENERGY STAR mark and be promoted as an ENERGY STAR qualified product provided they meet all applicable requirements set forth in the Residential Light Fixtures Eligibility Criteria.

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 4.0/4.1 and attach required documentation in an associated Supplemental Information Reporting (SIR) form.

Performance Characteristic	Test Result				Required Documentation (please attach to this form)
Combined Lamp & Ballast Requirements					
System Efficacy	__2754_(918)____		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.
	__12.89____		Input Power (watts)		
	__213.6_(71.2)____		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	__84.5____		% of initial lumens at 40% rated lamp life (4,000 hour minimum)		
Lamp Color Rendering Index	__81____		CRI		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.
Lamp Correlated Color Temperature (CCT)	Target CCT (circle one)	<u>2700K</u>	3000K	3500K	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 from an ISO 9000 registered facility.
		4100K	5000K	6500K	
	Samples falling within 7-step Mac Adam ellipse		__100__ %		

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.

Lamp/Lampholder Compatibility	List ANSI-IEC Designated Lamp Base Type	<u>GU24-1</u>	No documentation required at time of submittal.
	ANSI-IEC Standardized Lamp ?	Yes OR <u>No</u>	For fixtures that do not use an ANSI-IEC standardized lamp from ANSI C78.901 & C78.81 or IEC 60901 & 60081, supply a lamp manufacturer specification sheet.
	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:	☒	A copy of the actual language that will be included on the lamp base or glass.
Ballast Requirements			
Lamp Start Time	<u>24</u>	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	<u>.582</u>		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	<u>1.34</u>		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:	☒	Ballast manufacturer documentation.
Maximum Recommended Ballast Case Temperature During Normal Operation Inside A Fixture	<u>85</u>	degrees Celsius	Ballast manufacturer documentation.
Maximum Measured Ballast Case Temperature During Normal Operation Inside Fixture(s)	<u>71.5</u>	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:	☒	No documentation required at time of submittal.
Ballast Frequency	<u>59.53</u>	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:	☒	
End of Life Protection (Only required for ballasts with lamps sized T5 & smaller)	Testing requirements met?	<u>Yes</u> 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:	<u>1</u> OR N/A	
Dimming	Dimming-Capable Ballast?	Yes OR <u>No</u>	No documentation required at time of submittal, except when torchiere fixtures are submitted.
	Check one box if ballast is dimming-capable:	☐ 3-Way Switching ☐ Continuous Dimming	
Safety – Ballasts and “Non Edison base Fluorescent Adapters”	Listed for Safety?	<u>Yes</u> OR N/A	Cover page of a safety test report or a general coverage statement.
GU-24 Base	Do the submitted products use the GU-24 Base?	<u>Yes</u> OR No	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.

GU-24 Base with Self-Ballasted Pin-Based Lamp	Do any of the submitted products ship with self-ballasted GU-24 based lamps OR is the GU-24 based lamp self-ballasted? 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: ☒	Provide two-year fixture manufacturer written warranty language that is included with product packaging.
Noise	____ Class A _____ dBA	No documentation required at time of submittal.
Replaceable Ballast	Check box if the submitted fixtures meet the replaceable ballast requirement: ☒	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 N/A	Cover page of a safety test report or a general coverage statement.
Safety – Hardwired Fixtures	Listed for Safety? Yes 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 No	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 No	No documentation required at time of submittal.
Product Packaging for Consumer Awareness Requirements	<i>For fixtures that are not shipped with lamps:</i>	Written copy or PDF graphic of the language that will be displayed on product packaging and within the packaging, as required.
	Does the packaging include a NEMA or ANSI generic lamp description, including a color designation? Yes N/A	
	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? Yes 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 GU-24 BASED INTEGRATED LAMPS/ FIXTURES USING GU-24 BASED INTEGRATED LAMPS, ONLY: When qualifying either GU-24 based integrated lamps or fixtures using GU-24 based integrated lamps, the following documentation must be provided in addition to the information required above.		
Testing Orientation	Select one of the following: Base Up ☐ Base Down ☐ 50% Up/50% Down ☒ Horizontal Operation ☐	No documentation required at time of submittal.
1,000-hour Lumen Maintenance	____ 94.9 _____ % of initial lumens at 40% rated lamp life (4,000 hour minimum)	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.

Accelerated Cycling, Thermal, and Voltage (ACTV) stress test	Select number of samples:	5 Samples ☐ 10 Samples ☐	Manufacturer or laboratory documentation including number of samples tested, number of cycles, and operating temperature.
	_____10_____	Number of samples functional at end of test	
Maximum Mercury Content	Is the GU-24 based integrated lamp listed under NEMA's Voluntary Industry Commitment to Limit Mercury Content in Self-Ballasted CFLs Sold in the U.S.? Yes OR No		Reference to lamp manufacturer's commitment form on file with NEMA.
Run-up Time	Select one of the following:	Non-amalgam: ☐ Amalgam: ☐	Test report from a lab accredited by NVLAP or one of its MRA signatories, or EPA-approved documentation from an industry association.
	_____27_____	Minutes	
Lamp Warranty	Check box if fixture warranty is included with fixture packaging: ☒		Provide a copy of the actual two-year manufacturer written warranty that is included with product packaging.
Product Packaging and Lamp Labeling for Consumer Awareness Requirements	For all GU-24 Based Integrated lamps:		Provide a written copy or a PDF graphic of the language that will be displayed on lamps and product packaging.
	Lamp meets lamp labeling language for mercury content requirement?	<u>Yes</u> N/A	
	For all fixtures using GU-24 Based Integrated lamps and associated fixture product packaging:		
	Fixture and fixture product packaging meet language for mercury content requirement?	<u>Yes</u> N/A	
	For lamps not shipped with a light fixture:		
	Lamp meets product packaging language for mercury content requirement?	<u>Yes</u> N/A	
	Lamp meets product packaging language for FTC labeling requirement?	Yes <u>N/A</u>	
	Lamp meets product packaging language for starting temperature requirement?	<u>Yes</u> N/A	
	Lamp meets product packaging language for control compatibility requirement?	Yes <u>N/A</u>	
Lamp meets packaging language requirement?	<u>Yes</u> 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: ☐		Manufacturer or laboratory data
Electrical Connections	Check box if submitted fixtures have an Edison lamp socket with wire "pigtail" to the ballast: ☐		Manufacturer engineering description and/or diagram describing electrical connection
Safety – Fixture Conversions, Retrofits	Check box if submitted fixtures meet safety requirements for conversions & retrofits: ☐		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):

 x On product packaging (required) x In product literature (required) x 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 & 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 section of our website in support of ENERGY STAR products (www.seagulllighting.com/ENERGY-STAR-Lighting.htm)

SECTION V -- SUBMITTAL PROCEDURE:

- | | |
|--|--|
| 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 | 3. Fill out one form for each lamp/ballast combination (note: multiple fixtures can be associated with one platform) |
| 2. Fill out entire RLF QPI form based on requirements for submittal type ("Lamp &/or Ballast Platform," "Complete Fixture," or "Both") | 4. Attach and email the compiled submittal: <ul style="list-style-type: none">• one (1) QPI form, and• one (1) RLF SIR form |
| | 5. Email to: ESRLF_Submit@icfi.com |

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's Partnership Agreement.

Contact Name: <u>Becky Slusarski</u>	Contact Email Address (required): <u>bslusarski@seagulllighting.com</u>
Date: <u>10-29-08</u>	Contact Telephone Number (optional): <u>856-764-0500 x.7443</u>

The public reporting and recordkeeping burden for this collection of information is estimated to average 4.85 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.