

Title: NIGHT LIGHT (UL 1786)

Protocol No.: KOHL'S-311-G Tier 1/Tier 2/Tier 3

Test Property	Test Method	Samples	Test Principle / Requirements	Rating (Section or exec. Summary which failed items can be referenced)
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LABELING				
Labeling / Packaging Review	FPLA 16 CFR 500 & 19 CFR 134	All	Should be legibly marked with the following information: <ul style="list-style-type: none"> - Distributor's name, trademark or other means of identification of the manufacturer or packer & address (City, State & Zip) - Product identification - Net quantity of the contents in terms of weight, measure or numerical count (Metric & US Standard) or a combination so as to give accurate information and facilitate value comparison by the consumer - Country of origin (if imported) 	
Verify Label Claims	Visual Check	All	The labeling must comply and valid with all claims.	
Regulatory Listing Mark	Visual Check	1	Should have valid NRTL Listing mark , e.g. UL , ETL or equivalent	
Marking - Product	UL 1786 Section 13.1	All	Shall include manufacturer's name, a catalog number and the electrical ratings	
	UL 1786 Section 13.2	All	If shade is removable and bulb is replaceable, the type and maximum wattage of light bulb to be used must be present	
	UL 1786 Section 13.3	All	Shall include a warning statement indicating "Risk Of Electric Shock. This Product Is Not A Toy. For Adult Use Only."	
US FCC Rules (if applicable)	Document Check	All	FCC part 15 report shall be provided for verification if the operating frequency > 9kHz for AC operated product, or operating frequency > 1.705MHz for Battery operated product	

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FCC Part 15 marking and instruction	Visual Check	All	<p>Marking shall include,</p> <ul style="list-style-type: none"> - "This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation." <p>Instruction manual shall include,</p> <ul style="list-style-type: none"> - "Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment." - "NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. <p>However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:</p> <ul style="list-style-type: none"> ■ Reorient or relocate the receiving antenna. ■ Increase the separation between the equipment and receiver. ■ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. ■ Consult the dealer or an experienced radio/TV technician for help." 	

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User Manual / Important Safety Instructions / Assembly Instructions	Actual Use & Document Check	All	-Instructions and warnings shall be provided in the user manual identifying reasonable foreseeable uses or misuses of the product. It shall also include instructions regarding the installation, use, safety and maintenance. -All accessories shall be described in the user's manual and provided with instructions for proper use.	
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PHYSICAL CHARACTERISTICS

Dimensions (in.)	FPLA/ UPLR	1	As Claimed/ measured (+3%/ - 0%)	Claim: Actual:
Weight (lbs.)	FPLA/ UPLR	1	As Claimed/ measured (+3%/ - 0%)	Claim: Actual:

CONSTRUCTION QUALITIES

Workmanship	Visual Check	1	No major defects	
Fit Characteristic	UL-1786 Section 8.2	1	Shall fit recognized receptacles without any exposure of live parts	

PERFORMANCE

Temperature Development	UL1786 Section 9.1	1	When tested as described in 9.1 shall not attain a temperature at any point sufficiently high to constitute a risk of fire, to damage any materials used in the nightlight, or to exceed the temperatures specified in Table 6.			
Normal Use Test	Actual Use	1	No part deterioration after below hours of consecutive use.			
				<table border="1"> <tr> <td>Tier 1</td> <td>Tier 2</td> <td>Tier 3</td> </tr> <tr> <td>8 hours</td> <td>12 hours</td> <td>24 hours</td> </tr> </table>	Tier 1	Tier 2
Tier 1	Tier 2	Tier 3				
8 hours	12 hours	24 hours				
Operating Voltage	Std. Measure	1	As claimed			
Dielectric Withstand Test	UL 1786 Section 8.3	1	Must withstand 1000 V For 1 minute with no breakdown			
Overlamping	UL 1786 Section 11.2	1	If lamp is rated <10W, should not become a hazard if used with a 10W bulb for 7 hours.			
Switch Durability	Actual Use	1	Shall be no loosening or failure of the switch after the below number of times of operation.			
				<table border="1"> <tr> <td>Tier 1</td> <td>Tier 2</td> <td>Tier 3</td> </tr> <tr> <td>100 times</td> <td>150 times</td> <td>200 times</td> </tr> </table>	Tier 1	Tier 2
Tier 1	Tier 2	Tier 3				
100 times	150 times	200 times				
Blade Security	UL 1786 Section 10.2	1	Each blade shall withstand A 20 lb. removal force for 2 minutes, first separately then together without displacement of more than 1/32".			
Plating Adhesion on Blades	Actual Use	1	Put light into/ out of common (dead) receptacle with below number of times. Must be no change to Blade Plating.			
				<table border="1"> <tr> <td>Tier 1</td> <td>Tier 2</td> <td>Tier 3</td> </tr> <tr> <td>100 times</td> <td>150 times</td> <td>200 times</td> </tr> </table>	Tier 1	Tier 2
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#Claim Verification (If Claimed)	Visual Check / Actual Use	1	All designs and features must conform to actual claim	Claim:
ANALYTICAL				
*Lead In Scrapable Surface Coating	ASTM E1613/E1645	1	≤90ppm (0.009% by weight).	
* CA Prop 65	Refer to Protocol 1300	All	All shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	

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PRICING AND ADDITIONAL NOTE:

*: Additional Charge for This Test

**: It is suggested number of samples required for basic package testing only. It may vary depending on the actual samples and no. of tests that are required for testing. Please consult your nearest laboratory for details.

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Protocol Version	Description of Change	Revised by / Date	Approved by / Date
311 – 0	Initial Release	CY Chan Feb 10, 2004	Roger Mayerson Mar 08, 2004
311 – 1	Amend labeling section, to include acceptance of ETL certification	Simon Leung Feb 14, 2005	Roger Mayerson Feb 21, 2005
311 – 2	Updated the Prop 65 Warning Label. Updated Test Method for Lead in PVC. Price Adjustment	Simon Leung Oct. 31, 2008	Ro Jain Oct. 31, 2008
311-3	Added Lead in Solder Test	Elizabeth Armstrong June 8, 2009	Ro Jain June 8, 2009
311-A	Changed protocol number from 311-3 to 311-A, price adjustment	Elizabeth Armstrong April 1, 2010	Ro Jain April 1, 2010
311-B	Separate the test line of Prop 65 to supplementary protocol	Winnie Yu Mar 18, 2013	Ro Jain April 15, 2013
311-C	Differentiate the performance rating of below test items to Tier 1/Tier 2/Tier 3. Switch Durability Normal Use Test Plating Adhesion Blades Added Plating Adhesion Blades tests Updated package price	Jeetendra Shelatkar Oct 4, 2013	Ro Jain Dec 16, 2013
311-D	Updated lead content pricing	Candy Chan July 30, 2014	Jeetendra Shelatkar Aug 4, 2014
311-E	Renamed all in-house methods	Candy Chan Sep. 4, 2014	Elaine Smaczniak October 30, 2014
311-F	Revised Item “*Lead In Scrapable Surface Coating” from “600ppm” to “90ppm”	Jerry Chen Mar 21, 2016	Jeetendra Shelatkar March 23, 2016
311-G	Updated marking – product sections, fit characteristics, temperature development, dielectric withstand test, overlamping, blade security and added US FCC rules, FCC Part 15 marking and instruction, user manual /important safety instructions/safety instructions, assembly instructions. Removed number of samples required for testing.	Charlene Swanson November 4, 2020	Charlene Swanson November 4, 2020

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