

PROTOCOL # 300-M

ELECTRIC_LAMP

Performance Test	Test Method	Samples	Test Principle/Requirements	Rating (Section or exec. Summary which failed items can be referenced)
LABELING				
Labeling / Packaging Review	FPLA 16 CFR 500 & 19 CFR 134	All Samples	Should be legibly marked with the following information: 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 Samples	The labeling must comply and valid with all claims.	
Regulatory Listing Mark	Visual Check	1 Sample	Should have valid NRTL Listing mark , e.g. UL , ETL or equivalent	
Import Permit (For Natural Materials Only)	US Department of Agriculture Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ)	All Samples	Product shall not have prohibited materials present per US Department of Agriculture, Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ) Documentation and/ or proper permit(s) for specific product shall be supplied along with Testing Request form and samples. Permit information may be found at: https://www.aphis.usda.gov/wps/portal/aphis/home/ It is the vendor's responsibility for the compliance to relevant requirements.	
Adult Tracking Label: **If space limitations exist, contact Kohl's Quality Assurance & Product Integrity teams to discuss minimum required information: (quality.assurance@kohls.com).**	Kohl's Requirement	All Samples	Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #	
California Energy Commission – Appliance Energy Efficiency Compliance Regulation CEC- 400	Visual Check	All Samples	Covered products shall comply with the regulations and/or listed in the CEC Appliance Efficiency Database. Valid test report issued by authorized lab shall be provided for verifying. The products shall comply with the requirements of marking by the CEC-400 regulations. The CEC Appliances Efficiency Database: https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx The product shall be marked with: Manufacturer name or trademark Model No. Date or date code of manufacturer	

For External power supplies (if applicable)	10 CFR 430	All Samples	<p>Efficiency and No load power use shall comply with the requirements of 10 CFR 430.32 (W).</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1) Direct Operation, AC-DC, Low-Voltage with nameplate output voltage less than 3 voltage and nameplate output current greater than or equal to 1,000 milliamps and charges the battery of a product that is fully or primarily motor operated 2) An external power supply that requires Federal Food and Drug Administration (FDA) listing and approval as a medical device in accordance with section 513 of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 360(c)) 3) An AC- to- AC external power supply with a nameplate output of 20 watts or more, that is certified to the Secretary as being designed to be connected to a security or life safety alarm or surveillance system component. <p>In lieu of testing, test report can be submitted if dated within two years.</p>	
FCC requirement (if applicable)	FCC rules	All Samples	Shall comply with the relative FCC rules.	
DOE compliance	10 CFR 429.12	All Samples	<p>Each manufacturer shall submit a certification report to DOE certifying that each basic model meets the applicable energy conservation standard (s).</p> <p>The compliance is to be verified on the website as following: http://www.regulations.doe.gov/certification-data/</p> <p>for the covered product, refer to the following website: https://www.regulations.doe.gov/ccms/templates/product_templates</p>	
For External power supplies efficiency – labeling (if applicable)	10 CFR 430	All Samples	<p>EPS shall be listed in DOE Compliance Certification Database: http://www.regulations.doe.gov/certification-data/</p> <p>In additional, EPS shall be marked with the applicable Efficiency Level:</p> <ul style="list-style-type: none"> -Direct operation EPS: VI or above - Indirect operation class A EPS: IV or above 	

<p>EPA TSCA Title VI – Composite Wood - Sample Declaration Form and Mill Certificate (if applicable)</p>	<p>40 CFR 770</p>	<p>All Samples</p>	<p>If wood of any type is present in the sample, submitter shall provide a completed and signed Sample Declaration Form. Sections A, B, and E of the Sample Declaration Form must always be completed.</p> <ul style="list-style-type: none"> • If regulated composite wood is not present in the sample, result is N/A. • If regulated composite wood is present in the sample: <ul style="list-style-type: none"> - Submitter shall provide a copy of the certificate issued by the Third Party Certifier (TPC) for the mill (s) from which the raw panels were purchased - All information on the certificate shall be consistent with the Sample Declaration Form - Section D of the Sample Declaration Form must also be completed <p>Notes:</p> <ul style="list-style-type: none"> • Include a copy of the Sample Declaration Form in the report • Regulated composite wood includes: <ul style="list-style-type: none"> - Hardwood plywood (HWPW) - Medium-density fiberboard (MDF) - Thin medium-density fiberboard (Thin MDF) - Particleboard (PB) • Mill certificate must indicate compliance with TSCA Title VI. It is no longer acceptable to have the certificate indicate compliance with CARB’s ATCM for formaldehyde in lieu of compliance with TSCA Title VI. 	
<p>Formaldehyde Emission of Composite Wood Product - State of California (if applicable)</p>	<p>Airborne Toxic Control Measure (ATCM), California Code of Regulations, Title 17, § 93120</p>	<p>All Samples</p>	<p>Composite wood products include finished goods composed of or containing hardwood plywood (HWPW) made with either a combination core (CC) or a veneer core (VC), particleboard (PB), and medium-density fiberboard (MDF), or finished goods composed of such products made with no-added formaldehyde based (NAF-based) resins or ultra-low emitting formaldehyde (ULEF) resins, shall not release formaldehyde exceeding the regulatory limits.</p> <p>In lieu of testing, valid certificate or test report or certificate can be submitted if dated within one year.</p>	
<p>EPA TSCA Title VI – Composite Wood - Raw Panel Labeling (if applicable)</p>	<p>40 CFR 770.45(a)</p>	<p>All Samples</p>	<ul style="list-style-type: none"> • Panels or bundles of panels must be labeled with the following: <ul style="list-style-type: none"> - The panel producer’s name - The lot number - The number of the EPA TSCA Title VI Third Party Certifier (TPC) - A statement of compliance to denote that the panels comply with TSCA Title VI <p>Notes:</p> <ul style="list-style-type: none"> • A panel producer number may be used instead of a name to protect identity • Raw panels are regulated composite wood products that have not been used to create a finished good • The compliance statement must denote compliance with the TSCA Title VI. It is no longer acceptable to have the panel labeled as compliant with CARB’s ATCM for formaldehyde in lieu of TSCA Title VI compliance statement. 	

<p>Labeling of Composite Wood Product - Formaldehyde Emission - State of California (if applicable)</p>	<p>Airborne Toxic Control Measure (ATCM), California Code of Regulations, Title 17, § 93120</p>	<p>All Samples</p>	<p>Composite wood products include finished goods composed of or containing hardwood plywood (HWPW) made with either a combination core (CC) or a veneer core (VC), particleboard (PB), and medium-density fiberboard (MDF), or finished goods composed of such products made with no-added formaldehyde based (NAF-based) resins or ultra-low emitting formaldehyde (ULEF) resins, shall be labeled in accordance with the regulations and meet all applicable requirements.</p> <p>In lieu of testing, valid certificate or test report or certificate can be submitted if dated within one year.</p>	
<p>EPA TSCA Title VI – Composite Wood – Finished Good Labeling (if applicable)</p>	<p>40 CFR 770.45(c) / 40 CFR 770.45(e)</p>	<p>All Samples</p>	<p>Finished goods containing regulated composite wood shall comply with the labeling requirements found in 40 CFR 770.45(c) unless the finished good qualifies for the de minimis exception found in 40 CFR 770.45(e).</p> <ul style="list-style-type: none"> •A finished good does not require labeling per 40 CFR 770.45(c) if the finished good does qualify for the de minimis exception in 40 CFR 770.45(e). If the finished good does qualify for the de minimis exception, result is N/A. •A finished good does require labeling per 40 CFR 770.45(c) if the finished good does not qualify for the de minimis exception in 40 CFR 770.45(e). <ul style="list-style-type: none"> -At a minimum, the label must be on the product OR the packaging -The label may be applied as a stamp, tag, or sticker -The label shall include, at a minimum, in legible English text: <ol style="list-style-type: none"> 1. Fabricator’s name 2. Date the finished good was produced (in month/year format) 3. A statement of compliance to denote that the finished good complies with TSCA Title VI <p>Example: XXX Company MM/YYYY EPA TSCA Title VI compliant for formaldehyde</p> <p>Notes:</p> <ul style="list-style-type: none"> •A de minimis amount of regulated composite wood is defined as regulated composite wood content not exceeding 144 square inches, based on the surface area of the largest face of the finished good. •The de minimis exception is not available to finished goods or component parts that are designed to be used in combination or in multiples to create larger surfaces, finished goods, or component parts. •When a statement of compliance is necessary, the statement must denote that the finished good complies with TSCA Title VI. It is no longer acceptable to have the product labeled as compliant with CARB’s ATCM for formaldehyde in lieu of a TSCA Title VI compliance statement. 	
<p>MARKINGS</p>				


General	UL 153, Section 198	1 Sample	Shall have markings of this section in permanent form described. Shall include Manufacturer's identification, rating, mounting orientation, hot surface warnings, etc.	
Incandescent Units	UL 153, Section 201	1 Sample	Shall be marked permanently in 1/8" letters at point visible during relamping with "CAUTION" TO REDUCE THE RISK OF FIRE USE _____ WATT OR SMALLER, _____ VOLT, TYPE LAMP(S)" or equivalent with pictograph of bulb type.	
Tungsten Halogen Units	UL 153, Section 202	1 Sample	Shall be marked as described.	
Fluorescent Units	UL 153, Section 203	1 Sample	Shall be marked as described.	
High-Intensity-Discharge Units	UL 153, Section 205	1 Sample	Shall be marked as described.	
Cord and Chain Suspended Units	UL 153, Section 206	1 Sample	Shall be marked as described.	
Portable Cabinet Lights	UL 153, Section 207	1 Sample	Shall be marked as described.	
Units for Use with Office Furnishings	UL 153, Section 208	1 Sample	Shall be marked as described.	
Convertible Units	UL 153, Section 209	1 Sample	Shall be marked as described.	
Interchangeable Units	UL 153, Section 210	1 Sample	Shall be marked as described.	
Track-Style Units	UL 153, Section 211	1 Sample	Shall be marked as described.	
Portable Luminaire Subassemblies	UL 153, Section 212	1 Sample	Shall be marked as described.	
Work Light	UL 153, Section 214	1 Sample	Shall be marked as described.	
Wet Location Use	UL 153, Section 215	1 Sample	Shall be marked as described.	

INSTRUCTIONS

General	UL 153, Section 218	1 Sample	Instructions shall be on the luminaire, on the carton, on a tag on the power cord or stuffer sheet. Instructions for assembly shall be included. Polarized plugs shall have instructions shall have the following "IMPORTANT SAFETY INSTRUCTIONS" in 3/16" high letters followed by "This portable luminaire has a polarized plug (one blade wider than the other) as a feature to reduce the risk of electric shock. This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Never use with an extension cord unless plug can be fully inserted. Do not alter the plug." or equivalent. Other instruction shall be per section.	
Incandescent Units	UL 153, Section 219	1 Sample	Shall be as per section.	
Tungsten Halogen Units	UL 153, Section 220	1 Sample	Shall be as per section.	
Surface Mount Units	UL 153, Section 221	1 Sample	Shall be as per section.	
Cord and Chain Suspended Units	UL 153, Section 222	1 Sample	Shall be as per section.	
Portable Cabinet Lights	UL 153, Section 223	1 Sample	Shall be as per section.	
Units for Use with Office Furnishings	UL 153, Section 225	1 Sample	Shall be as per section.	
Convertible Units	UL 153, section 226	1 Sample	Shall be as per section.	

Track-Style Units	UL 153, Section 227	1 Sample	Shall be as per section.	
Portable Luminaire Subassemblies	UL 153, Section 228	1 Sample	Shall be as per section.	
Wet Location Use	UL 153, Section 229	1 Sample	Shall be as per section.	
MECHANICAL INSTRUCTION				
General	UL 153, Section 219	1 Sample	The below apply to all luminaires.	
Assembly and Packaging	UL 153, Section 219	1 Sample	Shall be constructed so that assembly shall only be in the correct manner. Wires shall pass through joints that are separated in packaging shall be as described.	
Enclosures	UL 153, Section 9	1 Sample	Shall have strength to resist abuses without resulting in hazard. Servicing shall not subject wiring to mechanical damage. Body shall be constructed of glass, metal, plastic, wood or the like. Decorative parts may be any material.	
Enclosure Openings	UL 153, Section 14	1 Sample	Enclosure openings shall meet the requirements of section.	
Wireways and Tubing	UL 153, Section 15	1 Sample	Wiring pulled through tubing shall be able to be so pulled without damage to insulation.	
Shade Construction	UL 153, Section 16	1 Sample	Shade shall be included unless shade is entirely decorative, and instructions are provided.	
Strain Relief	UL 153, Section 17	1 Sample	Strain relief shall be present. Clamps shall not be used with cords listed, including SPT-2.	
ELECTRICAL CONSTRUCTION				
Assembly and Packaging	UL 153, Section 22	1 Sample	Wiring shall be complete.	
Accessibility of Live Parts	UL 153, Section 23	1 Sample	All parts required to be enclosed shall be inaccessible to probe.	
Splices and Connections	UL 153, Section 28	1 Sample	Wire connections shall be twisted and solder dipped to at least 1/8". Connections and splices shall be mechanically appropriate.	
Wiring Attached to Movable or Flexible Parts	UL 153, Section 2	1 Sample	Wiring to be flexible shall be stranded, secured, & appropriate.	
Polarization and Identification	UL 153, Section 35	1 Sample	Supply connector polarization and identification shall be appropriate (Class 2 plug in transformers need not be polarized.).	
Grounding and Bonding	UL 153, Section 36	1 Sample	All accessible dead metal shall be grounded when a 3-prong plug is used. Ground shall be secure per section.	
Component Mounting	UL 153, Section 41	1 Sample	Switches, lamp holders and the like shall be prevented from turning that may twist wiring.	
Protection of Wiring	UL 153, Section 30	1 Sample	Cord entry shall be free of burrs and the like. The cord shall be unable to be pushed onto hot lamp. Polymeric sleeving shall not be used to reduce risk of cut.	
Power Supply Cords	UL 153, Section 31	1 Sample	Shall be acceptable type, at least 5' long, and at least 18 AWG.	
Attachment Plugs	UL 153, Section 32	1 Sample	Shall be polarized or grounding type, and appropriate per section.	
Lamp holders	UL 153, Section 42	1 Sample	Terminals shall be behind a permanent barrier. Incandescent lamp holders shall be appropriate. 3-way lamp holders shall only be installed base down.	
Switches and Dimmers	UL 153, Section 43	1 Sample	Switches, if used, shall be within rating, & not on ballast load side.	
Receptacles	UL 153, Section 44	1 Sample	Shall match plug type. Shall meet section.	

INCANDESCENT UNITS - SUPPLEMENTARY				
General	UL 153, Section 48	1 Sample	The below only apply to incandescent, non-tungsten-halogen lamps.	
Temperature Test-Exempt Units	UL 153, Section 49	1 Sample	If complies with construction and shade requirements of this section, shall be exempted from Sections 124 – 125.	
Tests, Markings, Instructions	UL 153, Section 51	1 Sample	Shall comply as appropriate.	
CLAMP-ON MOUNTED UNITS - SUPPLEMENTARY				
General	UL 153, Section 80	1 Sample	Sections below apply per section.	
Construction – Mechanical	UL 153, Section 81	1 Sample	Clamp shall be appropriate.	
Construction – Electrical	UL 153, Section 82	1 Sample	Cord switch, lamp holders shall comply.	
Mounting Means Tests	UL 153, Section 83	1 Sample	Shall comply as appropriate.	
PHYSICAL CHARACTERISTICS				
Dimensions	FPLA/UPLR	1 Sample	As claimed/measure (+3% / -0%)	
Weight	FPLA/UPLR	1 Sample	As claimed/measure (+3% / -0%)	
Color	Visual Check	1 Sample	Shall be as stated on package or match approved sample or specific Pantone color.	
CONSTRUCTION / WORKMANSHIP				
Kohl's Workmanship	Visual Check/ Actual Use	1 Sample	<ul style="list-style-type: none"> - All components shall be provided as claimed and shall not be deformed or fractured. - All hardware shall be provided - All welds shall be smoothly finished and free from pits and splatter - All components shall not contain any burrs or sharp edges (test by touch or sight) - Product shall not contain any loose components or unsecured fastening where rigidity is required - Product shall not tip over during casual handling 	
Sharp Points/Edges	16 CFR 1500.48/49	1 Sample	Shall have no accessible sharp points/edges.	
Bulb Type	Visual Check	1 Sample	Report; shall meet client/manufacturer specifications.	
Base and Shade Material	Visual Check	1 Sample	Shall meet client/manufacturer specifications.	
PERFORMANCE				
Cross Cut Adhesion	ASTM D3359 Method B	1 Sample	<p>A lattice pattern with six cuts in each direction is made in the film to the substrate, pressure-sensitive tape is applied over the lattice and then removed.</p> <p>Requirement:</p> <p>Tier 1 Tier 2 3B 5B</p>	
Functionality	Actual Use	1 Sample	Shall function as intended. Test in intended use mode.	
Durability to Marking	Kohl's TM 50	1 Sample	<p>Rub marking gently by hand with a damp cloth for the below defined seconds, followed by a cloth wetted slightly with petroleum spirit for another same timing. Marking shall remain legible.</p> <p>Tier 1 Tier 2 15 sec. 25 Sec.</p> <p>Remark: Performs on product</p>	
GENERAL - NORMAL TEMPERATURE TEST				
General	UL 153, Section 143	1 Sample	Temperature tests shall be applied as appropriate per subtype above and as required.	

Test Method - General	UL 153, Section 144	1 Sample	Temperature limits shall comply with requirements per section.	
GENERAL - ABNORMAL OPERATION TESTS				
Adjustable Position or Multiple Shade Abnormal Operation Test	UL 153, Section 153	1 Sample	The lamp and shade are adjusted as described, with shade touching lamps, and covered in cheesecloth. Shall be no hazard.	
GENERAL - MECHANICAL TESTS				
Stability Test	UL 153, Section 154	1 Sample	Shall not tip at 8° tilt.	
Strain Relief Test	UL 153, Section 29	1 Sample	Shall endure 35 lb for 1 minute.	
Drop Test	UL 153, Section 155	1 Sample	If exempted from stability per 132.1.1, shall meet drop requirement per section.	
GENERAL - ELECTRICAL TESTS				
Ground Continuity	UL 153, Section 158	1 Sample	Shall have ground bond <0.1	
Dielectric Voltage – Withstand Test	UL 153, Section 159	1 Sample	Shall endure 1200 V A.C for 1 minute per section.	
ANALYTICAL				
*Lead In Scrapable Surface Coating	CPSC- CH- E1003-09	1 Sample	≤90 ppm (0.0090% by weight) (CPSA – 16 CFR 1303)	
* CA Prop 65	Refer to Protocol 1300	All Samples	All samples shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	
Lead in PVC Power Cord (Test only if No Prop 65 Warning On Package)	EPA SW846 Method #3050	1 Sample	If ≥ 0.020%Pb by weight (200ppm), then the Cal Prop 65 warning should be present  WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov	
*General purpose lights	IEC 62321:2008 & IEC62321-7-1:2015	All Samples	California Assembly Bill 1109 General purpose lights shall not contain levels of hazardous substances prohibited by the European Union pursuant to the RoHS Directive. Maximum concentration values per homogenous material: ≤ 0.1% (lead) ≤ 0.01% (cadmium) ≤ 0.1% (mercury) ≤ 0.1% (chromium (VI)) ≤ 0.1% (PBBs) ≤ 0.1% (PBDEs) In lieu of testing, test report can be submitted if dated within two years.	
Refer to protocol Hardlines Regulatory Supplement for additional State & Federal Regulations	Refer to Protocol 1800	All Samples	All samples shall be reviewed against the requirements of the Hardlines Regulatory Supplemental Protocol (State Regulation Only) to determine if additional testing or labeling is required	
PRICING AND ADDITIONAL NOTE:				
*Please refer to Kohl's preferred third party labs for individual pricing and sample size				
In addition to this protocol, any products designed for, intended for or appealing primarily to children, requires additional testing per Kohl's Testing Protocol # 601				

PROTOCOL VERSION	DESCRIPTION OF CHANGE	Revised By	Approved By
300 – 1	Amend labeling section, to include acceptance of ETL certification	Simon Leung Feb 14, 2005	Roger Mayerson Feb 21 2005
300 – 2	Revise Sharp points/edges	Simon Leung Aug 20, 2005	Ro Jain Aug 25, 2005
300 – 3	Updated The Prop 65 Warning Label. Price Adjustment.	Simon Leung Oct. 31, 2008	Ro Jain Oct. 31, 2008
300-4	Added Lead in Solder Test	Elizabeth Armstrong June 8, 2009	Ro Jain June 8, 2009
300-A	Changed protocol number from 300-4 to 300-A, price adjustment	Elizabeth Armstrong April 1, 2010	Ro Jain April 1, 2010
300-B	Separate the test line of Prop 65 to supplementary protocol	Winnie Yu Mar 18, 2013	Ro Jain April 15, 2013
300-C	Differentiate the performance rating (Durability of marking test) to Tier 1/Tier 2/Tier 3. Added tolerance requirements of dimensions and weight. Changed the test method of Cross Cut Adhesion Adjusted package price	Jeetendra Shelatkar Oct 4, 2013	Ro Jain Dec 16, 2013
300-D	Price Adjustment on lead content tests	Candy Chan Jul 30, 2014	Jeetendra Shelatkar Aug 4, 2014
300-E	Renamed in-house methods	Candy Chan Sep. 4, 2014	Elaine Smaczniak Oct. 30, 2014
300-F	Add CEC, FCC,DOE and RoHS requirement	LT Liu Mar. 31,2014	Jeetendra Shlatakar March 31, 2015
300-G	Update the requirement of CEC, and add the test item of DOE	Elizabeth Armstrong March 14, 2016	Jeetendra Shelatakar March 14, 2016
300-H	Update the CEC website and add the general requirement for DOE. Revised Item “Lead In Scrapable Surface Coating” from “600ppm” to “90ppm”	Jerry Chen March 23, 2016	Jeetendra Shelatakar March 23, 2016
300-I	Updated the test standard for Item “General Purpose Lights”	Nathan Yang July 1, 2016	Elizabeth Armstrong July 5, 2016
300-J	Updated Prop 65 Warning – New Verbiage	Teana Robinette June 27, 2018	Teana Robinette June 27, 2018
300-K	Added Import label requirements, adult tracking label requirements, and composite wood requirements. Updated requirements for sections: markings, instructions, mechanical instruction, electrical construction, incandescent units – supplementary, clamp-on mounted units – supplementary, general normal temperature test, general – abnormal operation tests, general – mechanical tests, and general – electrical tests	Charlene Swanson August 11, 2020	Charlene Swanson August 11, 2020
300-L	Updated format and performance rating to Tier 1 and Tier 2	Violet Nelson Oct. 7, 2022	Violet Nelson Oct. 7, 2022
300-M	Added 1800 Hardlines Regulatory Supplement for additional State & Federal Regulations	February 2025	February 2025