**Cree Lighting Item/Part Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Item/Part Revision: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Warrant Issued Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Each supplier of parts to Cree Lighting shall provide electronic copies of each of the elements marked X in the list below, prior to part approval for production use.**

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| **For Specification/Drawings/Prints identifying Cpk or CTQ Requirement**   1. Quality Control Plan (see section 8.3.5.2 of IATF 16949) All Critical to Quality (CTQ)/Inspection Characteristics and all Cpk dimensions must be identified and addressed within the corresponding process step within the Quality Control Plan. Any dedicated testing fixtures are to be identified along with characteristic(s) it measures/verifies on the drawing. 2. Capability Analysis (Cpk), sampling at least 30 parts, if required per drawing.   a) To be completed for each Critical to Quality/Inspection Characteristic as identified on the drawing. b) Full bubble print, identifying each dimension from the part drawing on the Cpk analysis report. c) Summary of results, identifying every dimension with Cpk =/< 1.33 for delta Δ, and =/< 1.66 for diamond ♦. d) For every dimension which does not meet minimum Cpk requirements, the supplier shall provide an action plan to achieve the required minimum Cpk.   1. First Article Inspection Report, on 5 parts (per cavity if for a multiple cavity tool.)   a) To include every drawing dimension.  b) To include all requirements identified in all of the drawing notes.  c) Full bubble print, identifying each dimension and each note from the part drawing on the FAI report.  d) Detailed report of results, highlighting any dimensions or notes which are out of specification on the actual parts.   1. Gage Calibration Records for all measurement tools used in generating the First Article Inspection Report. 2. Gage Repeatability and Reproducibility report, or other appropriate Measurement System Analysis, indicating acceptable gage variation (total gage R&R < 30%.) For any gages with Gage R&R >30%, the supplier shall provide an action plan for achieving acceptable gage R&R. 3. Sample parts: Quantity \_\_\_\_\_\_\_\_ To be provided to: (Cree Lighting Engineer Name) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **For Drawings Specification**   1. Provide tooling and equipment information including whichever of the following are applicable: Machine(s) used, Capacity of Machine(s), Tool Drawing(s), Number of Cavities (if multiple cavities), Process-Of-Record Settings, Finished Part Weight 2. Process Flow Chart (see section 8.3.5.2 of IATF 16949.) 3. Process Failure Modes and Effects Analysis (see section 8.3.5.2 of IATF 16949.) 4. Any Material Certificates, if required per the drawing. 5. Cosmetic verification data for 5 units, per drawing specifications and/or LPS0001 or other document, to be provided if  identified as a requirement in the drawing or specification. 6. If applicable, include color matching validation data per Cree Lighting LPS0001 General Cosmetic Specification. |
| **Others (when applicable):**   1. RoHS compliance documentation (**MANDATORY**, see Cree Lighting document CPR6M Restricted/Reportable Substances for Parts, Components, Subassemblies and Finished Products) 2. UL/Safety compliance documentation (i.e. yellow card for UL-recognized materials, or material certificates of   conformance, if applicable.) 3. For items with limited storage life, provide sample package label and technical data sheet stating storage limitations. 4. Photos or drawings of standard packaging and package label, complying with document LSC016 Cree Lighting Commercial  Lighting Packaging, Labeling and Shipping Requirements. 5. Wire/Cable Assembly Verifications per Cree Lighting QLP6.8H Wire Harness FAI and Pull Test Form (if applicable.) 6. Other (Defined by Cree Lighting): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**I certify that all checked items have been provided and the other retained documents are available for review by Cree Lighting as required.**

**Supplier: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date of Submission: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Supplier Representative (Print Name): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Signature) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Cree Lighting approval of new tool/part:**

**Cree Lighting Representative (Signature) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date of Approval: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Notes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**